

HANDBOOK OF INDUSTRIAL POLICY AND STATISTICS 2008-2009

OFFICE OF THE ECONOMIC ADVISER
DEPARTMENT OF INDUSTRIAL POLICY & PROMOTION
MINISTRY OF COMMERCE & INDUSTRY
GOVERNMENT OF INDIA
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INTRODUCTION

Handbook of Industrial Policy and Statistics 2008-09 presents exhaustive data on various aspects of industrial development. The data/information given in the Handbook have been updated using the latest information available from various Ministries/Departments, RBI and other agencies. This Handbook covers the following:

(i) Chapter I reproduces Industrial Policy of July 1991 and developments since March 2009.

(ii) Chapter II gives an introduction of the Index of Industrial Production (IIP) with base year 1993-94=100, reforms in mining policy, highlights of the Union Budget, FDI, Foreign Trade Policy, trend of customs duty rate since 1991-92 till 2008-09, share of manufacturing in exports, financial sector/capital market reform, monetary & credit policy, reform in infrastructure sector.

(iii) Chapter III presents a review of industrial performance sector wise, groupwise (at 2- digit level), and planwise; production data of selected items and some characteristics based on Annual Survey of Industries.

(iv) Chapter IV deals with trend of growth of infrastructure industries, comprising of crude, petroleum refinery products, electricity, coal, finished steel and cement.

(v) Chapter V furnishes data on industrial investment intentions, Foreign Direct Investment (FDI) with sectoral and country wise break up, technology agreement, and financial assistances rendered by Development Banks.

(vi) Chapter VI focuses on data in respect of Public Sector Enterprises of the Government of India.

(vii) Chapter VII pertains to Small Scale Sector focusssing on its role and contribution, incentives, facilities and other schemes for its development and the Prime Minister's Rozgar Yojana.

(viii) Chapter VIII is about time series data on exports and imports, with particular reference to manufacturing.

(ix) Chapter IX is about data on employment and industrial relations.

(x) Chapter X is on macro data on GDP, Capital Formation, Consumption, Savings, and Population etc.

(xi) Chapter XI gives the Eleventh Plan (2007-12) targets, plan outlays/expenditures.

(xii) Chapter XII presents trends in prices along with basic information on Wholesale Price Index (WPI).

(xiii) Chapter XIII reproduces data on technical manpower and R&D furnished by Department of Science & Technology.

(xiv) Chapter XIV is an exercise on basic industrial scenario of the States presented along with some parameters bearing percentage share to all-India total and growth rate of GSDP from manufacturing sector.

(xv) Chapter XV presents data on a historical perspective on WPI, IIP at different base years, trade data etc.

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CHAPTER - I

INDUSTRIAL POLICY HIGHLIGHTS

1: INDUSTRIAL POLICY - INTRODUCTION

1. INDUSTRIAL POLICY- INTRODUCTION

1.1 Industrial policy, inter-alia, covers the procedures, principles, rules & regulations, which impact the industrial establishments of a country & shape the pattern of industrialization. The first industrial policy of the Government of India was announced in April 1948. Subsequently Industrial Policy resolutions were announced in 1956, 1980, 1990 & 1991. The progress in industrial policy reforms enabled the country to pass through a long but successful journey. The policy changes brought out after 1991 have been announced in the form of Press Notes by the Department of Industrial Policy and Promotion.

1.2 Highlights of the Industrial Policy Statement of 1991 and subsequent Press Notes regarding policy changes have been incorporated in the subsequent sections. The main features of the existing Industrial Policy in the country are given below.

Objectives

1.3 Objectives of the Industrial Policy of the Government are to –

- maintain a sustained growth in productivity;
- enhance gainful employment;
- achieve optimal utilisation of human resources;
- attain international competitiveness and
- transform India into a major player in the global arena.

Focus

1.4 Policy focus is on –

- Deregulating Indian industry;
- Allowing the industry freedom and flexibility to respond to market forces and
- Providing a policy regime that facilitates and fosters growth of Indian industry.

Policy measures

1.5 Some of the important policy measures announced and procedural simplifications undertaken to pursue the above objectives are given below:

1.5.1 Liberalisation of Industrial Licensing Policy

The list of items requiring compulsory licensing is reviewed on an ongoing basis. At present, only five industries are under compulsory licensing viz, environmental, safety and strategic considerations. Similarly, there are only two industries reserved for the public sector. The list of industries reserved for the public sector and of items under compulsory licensing are at ***Annex I & II respectively***.

INDUSTRIAL POLICY - INTRODUCTION

1.5.2 Introduction of Industrial Entrepreneurs' Memorandum (IEM)

Industries not requiring compulsory licensing are to file an Industrial Entrepreneurs' Memorandum (IEM) to the Secretariat for Industrial Assistance (SIA). No industrial approval is required for such exempted industries.

1.5.3 Liberalisation of the Locational Policy

Vide notification dated 14.8.2008, the requirement of licensing for setting up of industries within 25 kms of the periphery of cities having population of more than million for a certain class of industries has been done away with.

1.5.4 Policy for Small Scale Industries

In the early stages of industrialization, reservation of items of manufacture exclusively for the small scale sector formed an important focus of the industrial policy as a measure of protecting this sector. As per the MSME Act, which was notified on 29.9.2006, industrial undertakings with an investment between Rs. 25 lakh to Rs. 5 crore are within the Small Scale sector and between Rs. 5 crore to Rs. 10 crore are in the Medium sector. The investment limit for Micro units is Rs. 25 lakhs.

As of now, only 21 items are reserved for manufacture exclusively in the small scale sector. All undertakings other than the small scale sector dealingwith reserved items are required to obtain an industrial licence and undertake an export obligation of 50% of the annual production. This condition of licensing is however, not applicable for those undertakings operating under 100% Export Oriented Undertakings Scheme, the Export Processing Zone (EPZ) or the Special Economic Zone Scheme (SEZs).

1.5.5 *Non-Resident Indians Scheme*

The facilities for Foreign Direct Investment as available to foreign investors/company are fully applicable to NRIs as well. In addition, Government has extended some concessions specially for NRIs and overseas corporate bodies having more than 60% stake by the NRIs. These inter-alia includes (i) NRI/OCB investment in the real estate and housing sectors upto 100% and (ii) NRI/OCB investment in domestic airlines sector upto 100%.

NRI/OCBs are also allowed to invest upto 100% equity on non-repatriation basis in all activities except for a small negative list. Apart from this, NRI/OCBs are also allowed to invest on repatriation/ non-repatriation under the portfolio investment scheme.

1.5.6 Electronic Hardware Technology Park (EHTP)/Software Technology Park (STP) scheme

For building up strong electronics industry and with a view to enhancing export, two schemes viz. Electronic Hardware Technology Park (EHTP) and Software Technology Park (STP) are in operation. Under EHTP/STP scheme, the inputs are allowed to be procured free of duties.

INDUSTRIAL POLICY - INTRODUCTION

The Directors of STPs have powers to approve fresh STP/EHTP proposals and also grant post-approval amendment in respect of EHTP/STP projects as have been given to the Development Commissioners of Export Processing Zones in the case of Export Oriented Units. All other application for setting up projects under these schemes, are considered by the Inter-Ministerial Standing Committee (IMSC) Chaired by Secretary (Information Technology).

1.5.7 **Policy for Foreign Direct Investment (FDI)**

Promotion of foreign direct investment forms an integral part of the industrial policy. The role of foreign direct investment in accelerating economic growth is by way of infusion of capital, technology and modern management practices. The Department has put in place a liberal and transparent foreign investment regime where most of the industries are open to foreign investment on automatic route without any limit on the extent of foreign ownership. Some of the recent initiatives taken to further liberalise the FDI regime, inter alia, include opening up of sectors such as Insurance (upto 26%); development of integrated townships (upto 100%); defence industry (upto 26%); tea plantation (upto 100% subject to divestment of 26% within five years to FDI); Encenhancement of FDI limits in private sector banking, allowing FDI up to 100% under the automatic route for most manufacturing activities in SEZs; opening up B2B e-commerce; Internet Service Providers (ISPs) without Gateways; electronic mail and voice mail to 100% foreign investment subject to 26% divestment condition etc.

The Department has also strengthened investment facilitation measures through Foreign Investment Implementation Authority (FIIA).

***

2. SAILENT FEATURES OF INDUSTRIAL POLICY, 1991

2.1 An Overview of Industrial Policies till 1991 is as follows:

The Industrial Policy 1991 is preceded by the Industrial Policy Resolutions of 1948 & 1956 & Industrial Policy Statements of 1973, 1977 & 1980, which are in brief as follows:

Industrial Policy Resolution, 1948 –The Policy aimed at outlining the approach to Industrial growth & development. It emphasised the importance to the economy of securing a continuous increase in production and ensuring its equitable distribution

Industrial Policy Resolution, 1956 - Under the Policy the role of State was given more importance as an engine for accelerating the economic growth and speeding up the industrialization as a means of achieving a socialist pattern of society.

Industrial Policy Statement, 1973 – The thrust of this Policy Statement was an identification of high-priority industries where investment from large industrial houses and foreign companies were permitted.

Industrial Policy Statement, 1977 - The Policy emphasized on decentralization and growth of small scale industries.

Industrial Policy Statement, 1980 - The Policy einusaged promoting competition in domestic market, technology upgradation and modernization. The policy laid the foundation for an increasingly competitive export based and for encouraging foreign investment in high-technology areas.

Industrial Policy 1991

Objectives

The main objectives of the Policy were as follows:

- To maintain a sustained growth in productivity and gainful employment and attain international competitiveness.
- Self reliance or building up the ability to pay our import bills through our own foreign exchange earnings and developing indigenous capacity in technology and manufacturing
- Pursue sound policy framework encompassing encouragement to entrepreneurship, development of indigenous technology, dismantling of the regulatory system.
- Development of capital markets and increasing competitiveness
- Spread of industrialization to backward areas through appropriate incentives, institutions and infrastructure investments
- Encourage foreign investment and technology collaboration
- Abolish monopoly of any sector or any individual enterprise in any field of manufacture except on strategic and military considerations and open all manufacturing activity to competition
- Ensure that public sector plays its rightful role in strategic areas of national importance.
- Protect the interests of labour, enhance their welfare and equip them to deal with technology change

SAILENT FEATURES OF INDUSTRIAL POLICY, 1991

To attain these objectives, Government took a series of initiatives in regard to policies in the following areas.

a) Industrial Licensing

b) Foreign Investment

c) Foreign Technology agreements

d) Public Sector Policy

e) Monopolies and Restrictive Trade Practices (MRTP) Act, 1969

Industrial Licensing Policy

Industrial licensing was abolished for all industries irrespective of their level of investment except specified industries. These specified industries will continue to be subject to compulsory licensing for reasons related to security and strategic concerns, social concerns, problems related to safety and environmental issues, manufacture of products of hazardous nature and articles of elitist consumption. Industries where licensing is compulsory are in Annex II

Foreign Investment

In order to invite foreign investment in high priority industries requiring large investments and advanced technology, it has been decided to provide approval for direct foreign investment upto 51% foreign equity in 33 industries. These industries are listed in Annex III.

Foreign Technology Agreement

With a view to injecting the desired level of technological dynamism in Indian industry, Government will provide automatic approval for technology agreement related to high priority industries within specified parameters. Similar facilities will be available for other industries as well if such agreements do not require the expenditure of foreign exchange. Indian companies will be free to negotiate the terms of technology transfer with their foreign counterparts according to their own commercial judgment.

Public Sector Policy

Government decided to strengthen the public enterprises, which fall in reserved areas of operation or are in high priority areas or generating reasonable profit. Such enterprises were given a much greater degree of management autonomy through the system of memoranda of understanding. Competition was induced in these areas by inviting private sector participation. In the case of selected enterprises, part of Government holding in equity share capital of these enterprises will be is invested in order to provide further market discipline to the performance of public enterprises.

SAILENT FEATURES OF INDUSTRIAL POLICY, 1991

Monopolies and Restrictive Trade Practices Act (MRTP), 1969

MRTP act was repealed and replaced by the Competition Act 2002 with effect from September, 2009. The MRTP commission will to continue to exercise jurisdiction and power in respect of any case or proceeding filed before September 2009 for a period of two years. After expiry of two years the MRTP commission shall stand dissolved. Cases pending before MRTP commission pertaining to monopolistic and restrictive trade practices having an element of unfair trade practice will be transferred to the Competition Appellate Tribunal whereas cases relating solely to unfair trade practices shall stand transferred to the National Commission. Cases related to giving false or misleading facts disparaging the goods, services or trade of another person under the MRTP Act shall be transferred to the Competition Appellate Tribunal.

3. THE COMPETITION ACT, 2002.

3.1 The Competition Act, 2002 (12 of 2003), was enacted on 13th January, 2003 and amended by the Competition (Amendment) Act, 2007 in September, 2007. The Act provides, keeping in view the economic development of the country, for the establishment of a Commission i.e. Competition Commission of India, in terms of section 7 of the Act, to prevent practices having adverse effect on competition, to promote and sustain competition in markets, to protect the interests of consumers and to ensure freedom of trade carried on by other participants in markets in India and for matters connected there with or incidental thereto.

3.2 To fulfill its mandate, the Act inter-alia enjoins upon the Commission to take up:

(i) Prohibition of anti-competitive agreements;

(ii) Prohibition of abuse of dominant position;

(iii) Regulations of Combinations; and

(iv) Competition advocacy.

3.3 Earlier, there was a school of thought that growth in size of enterprises leads to monopolies and should be regulated. Inspired by such a philosophy, the Monopolies Restrictive Trade Practices Act, 1969 (MRTPA), was enacted. That legislation required different enterprises to seek clearances at different milestones of growth. With the advancement of economy, a realization dawned that such an approach is not appropriate. The new approach focuses more on the behavior of enterprises and not on the structure. The enactment of the Competition Act, 2002, in India is a move in this direction. The Act does not discriminate between public and private enterprises as far as the competition law enforcement is concerned. The definition of 'enterprise' in section 2 (h) of the Act is wide enough to include both public and private enterprises.

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3.4 In addition to the aforementioned provisions relating to enforcement of the Act, the Act also introduces extraterritoriality, in terms of section 32 of the Act, and this gives the Commission jurisdiction over the acts taking place outside India but having the effect on competition in India. The Commission is also empowered to issue interim orders restraining any party from carrying on an act where during an enquiry, the Commission is satisfied that an act in contravention of section 3 or section 4 or section 6 has been committed and continues to be committed or that such act is about to be committed.

3.5 Enquiry into anti-competitive agreements and abuse of dominant position of enterprises, followed by orders of the Commission, can be triggered on receipt of information under section 19 of the Act. On the other hand, enquiry into regulations of combinations may either be triggered by filing of a notification under section 6 of the Act or action by the Commission under section 20 of the Act. The procedure for enquiry into agreements and abuse of dominance position is given in section 26 of the Act and the consequences for anti-competitive agreements, including cartels, in section 27 of the Act.

3.6 One additional feature of the Act is that the Commission can divide an enterprise enjoying dominant portion to ensure that such enterprise does not abuse its dominant position under the provisions of Section 28 of the Act. On the other hand, the procedure for investigation of combinations is given in section 30, section 29 and the orders for regulations of combinations under section 31 of the Act.

3.7 Contravention of orders of the Commission attract penalties under the Act. This includes penalty for failure to comply with directions of the Commission and power to impose penalty for non-furnishing of information on combinations, making a false statement or omission to furnish material information or offences in relation to furnishing of information.

3.8 The appeals from the orders of the Commission can be filed before the Competition Appellate Tribunal as provided under section 53A of the Act. Section 66 of the Act provides for repeal of MRTPC Act, 1969 and the consequential actions.

3.9 Thus with the enactment of the Act, the country has moved onwards to a progressive modern economic philosophy in regulation of markets for a competitive outcome and enhancement of overall social welfare within limited resources.

{Policy changes in industry sector notified during 2008-09 through Press Notes No. 7(2008 Series) & Nos. 1 to 4 (2009 Series) i.e. up to 31st March, 2009 are given in Box No. 1.1 to 1.6}.

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ANNEX I

LIST OF INDUSTRIES RESERVED FOR THE PUBLIC SECTOR

1. Atomic Energy – Production, separation or enrichment of special fissionable materials and substances and operation of the facilities, specified in notification No. S.O.2630(E) dated 19.10. 2009 of Department of Industrial Policy and Promotion, Ministry of Commerce & Industry, Government of India.

2. Railway transport

ANNEX II

LIST OF INDUSTRIES FOR WHICH INDUSTRIAL LICENSING IS COMPULSORY ARE:-

6. Distillation and brewing of alcoholic drinks.

7. Cigars and cigarettes of tobacco and manufactures tobacco substitutes.

8. Electronic Aerospace and defense equipment: all types.

9. Industrial explosives including detonating fuses, safety fuses, gun powder, nitrocellulose and matches.

10. Specified Hazardous chemicals i.e. (i) Hydrocyanic acid and its derivatives, (ii) Phosgene and its derivatives and (iii) Isocyanates & Diisocyanates of Hydrocarbon, not elsewhere specified (example Methyl isocyanate).

Note: The compulsory licensing provisions would not apply in respect of the small-scale units taking up the manufacture of any of the above items reserved for exclusive manufacture in small scale sector.

ANNEX III

LIST OF INDUSTRIES FOR AUTOMATIC APPROVAL OF FOREIGN TECHNOLOGY AGREEMENTS AND FOR 51% FOREIGN EQUITY APPROVALS

1. Metallurgical Industries

i. Ferro alloys.

ii. Castings and forgings.

iii. Non-ferrous metals and their alloys.

iv. Sponge iron and pelletisation.

v. Large diameter steel welded pipes of over 300 mm diameter and stainless steel pipes.

vi. Pig iron.

2. Boilers and Steam Generating Plants

3. Prime Movers (other than electrical generators)

i. Industrial turbines.

ii. Internal combustion engines.

iii. Alternate energy systems like solar wind etc. and equipment therefor.

iv. Gas/hydro/steam turbines upto 60 MW.

4. Electrical Equipment

i. Equipment for transmission and distribution of electricity including power and distribution transformers, power relays, HT-switch gear synchronous condensers.

ii. Electrical motors.

iii. Electrical furnaces, industrial furnaces and induction heating equipment.

iv. X-ray equipment.

v. Electronic equipment, components including subscribers' end telecommunication equipments.

vi. Component wires for manufacture of lead-in wires.

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vii. Hydro/steam/gas generators/generating sets upto 60 MW.

viii. Generating sets and pumping sets based on internal combustion engines.

ix. Jelly-filled telecommunication cables.

x. Optic fibre.

xi. Energy efficient lamps and

xii. Midget carbon electrodes.

5. Transportation

i. Mechanised sailing vessels upto 10,000 DWT including fishing trawlers.

ii. Ship ancillaries.

iii. (a) Commercial vehicles, public transport vehicles including automotive commercial three wheeler jeep type vehicles, industrial locomotives.

(b) Automotive two wheelers and three wheelers.

(c) Automotive components/spares and ancillaries.

iv. Shock absorbers for railway equipment and

v. Brake system for railway stock and locomotives.

6. Industrial Machinery

i. Industrial machinery and equipment.

ii. Machine tools and industrial robots and their controls and accessories.

iii. Jigs, fixtures, tools and dies of specilised types and cross land tooling, and

iv. Engineering production aids such as cutting and forming tools, patterns and dies and tools.

7. Agricultural Machinery

i. Tractors.

ii. Self-propelled Harvestor Combines.

iii. Rice transplanters.

8. Earth Moving Machinery and construction machinery and components thereof.

9. **Industrial Instruments -** Indicating, recording and regulating devices for pressures, temperatures, rate of flow weights levels and the like.

10. **Scientific and Electromedical Instruments and Laboratory Equipment.**

11. **Nitrogenous & Phosphatic Fertilizers falling under**

i. Inorganic fertilizers under '18-Fertilizers' in the First Schedule to IDR Act, 1951.

12. **Chemicals (other than fertilizers).**

i. Heavy organic chemicals including petrochemicals.

ii. Heavy inorganic chemicals.

iii. Organic fine chemicals.

iv. Synthetic resins and plastics.

v. Man made fibres.

vi. Synthetic rubber.

vii. Industrial explosives.

viii. Technical grade insecticides, fungicides, weedicides, and the like.

ix. Synthetic detergents

x. Miscellaneous chemicals (for industrial use only)

a. Catalysts and catalyst supports.

b. Photographic chemicals.

c. Rubber chemicals.

d. Polyols.

e. Isocyanates, urethanes, etc.

f. Speciality chemicals for enhanced oil recovery.

g. Heating fluids.

h. Coal tar distillation and product therefrom.

i. Tonnage plants for the manufacture of industrial gases.

j. High altitude breathing oxygen/medical oxygen.

k. Nitrous oxide.

l. Refrigerant gases like liquid nitrogen, carbondioxide etc. in large volumes.

m. Argon and other rare gases.

n. Alkali/acid resisting cement compound

o. Leather chemicals and auxiliaries.

13. Drugs and Pharmaceuticals

(As per the Drug Policy).

14. i. Paper and pulp including paper products.
ii. Industrial laminates.

15. i. Automobile tyres and tubes.
ii. Rubberised heavy duty industrial beltings of all types.
iii. Rubberised conveyor beltings.
iv. Rubber reinforced and lined fire fighting hose pipes.
v. High pressure braided hoses.
vi. Engineering and industrial plastic products.

16. Plate Glass

i. Glass shells for television tubes.

ii. Float glass and plate glass.

iii. H.T. insulators.

iv. Glass fibres of all types.

17. Ceramics

i. Ceramics for industrial uses and ordinary consumers.

18. Cement Products

i. Ordinary Portland cement (OPC), Portland Pozzolane Cement (PPC).

ii. Gypsum boards, wall boards and the like.

19. High Technology Reproduction and Multiplication Equipment.

20. Carbon and Carbon Products

i. Graphite electrodes and anodes.

ii. Impervious graphite blocks and sheets.

21. Pretensioned High Pressure RCC Pipes.

22. Rubber Machinery

23. Printing Machinery.

i. Web-fed high speed off-set rotary printing machine having output of 30,000 or more impressions per hour.

ii. Photo composing/type setting machines.

iii. Multi-colour sheet-fed off-set printing machines of sizes 18"x25" and above.

iv. High speed rotograture printing machines having output of 30,000 or more impressions per hour.

24. Welding Electrodes other than those for Welding Mild Steel

25. Industrial Synthetic Diamonds.

26. i. Photosynthesis improvers.
ii. Genetically modified free living symbiotics nitrogen fixer.
iii. Pheromones.
iv. Bio-insecticides.

27. Extraction and Upgrading of Minor Oils

28. Pre-fabricated Building Material.

29. Soya Products

i. Soya texture proteins.

ii. Soya protein isolates.

iii. Soya protein concentrates.

iv. Other specialised products of soyabean.

v. Winterised and deodourised refined soyabean oil.

30. (a) Certified high yielding hybrid seeds and synthetic seeds and

(b) Certified high yielding plantlets developed through plant tissue culture.

31. All food processing industries other than milk food, malted foods, and flour, but excluding the items reserved for small-scale sector.

32. All items of packaging for food processing industries excluding the items reserved for small scale sector.

33. Hotels and tourism-related industry.

Source: Ministry of Commerce & Industry, Department of Industrial Policy and Promotion, Competition Commission of India.

BOX 1.1
PRESS NOTE NO. 7 (2008 SERIES)

CONSOLIDATED POLICY ON FOREIGN DIRECT INVESTMENT

After the review of the policy on Foreign Direct Investment (FDI) undertaken in 2005-06, summary of the policy was notified vide Press Note 4 (2006).

2. Thereafter, further policy revisions were issued vide Press Note 5(2006) and Press Note 2 (2007) and 3(2007). A comprehensive review of the FDI policy was undertaken in 2007-08 and the policy measures were notified vide Press Note 1-6 (2008).

3. A summary of the FDI policy and regulations applicable in various sectors and activities after incorporating the policy changes up to 31-3-2008 is at Annex.

(Gopal Krishna)
Joint Secretary to the Government of India

No. 5(10)/2006-FC dated 16th June 2008

Note: Earlier Press Notes can be seen from our earlier publications.

ANNEX to Press Note 7 (2008)

POLICY ON FOREIGN DIRECT INVESTMENT (FDI)

I. Sectors prohibited for FDI

i. Retail Trading (except single brand product retailing)
ii. Atomic Energy
iii. Lottery Business
iv. Gambling and Betting
v. Business of chit fund
vi. Nidhi Company
vii. Trading in Transferable Development Rights (TDRs).
viii. Activity/sector not opened to private sector investment

II. Sector-specific policy for FDI:

In the following sectors/activities, FDI is allowed up-to the limit indicated below subject to other conditions as indicated.

Sr. No.	Sector/Activity	FDI Cap / Equity	Entry Route	Other conditions
I	**AGRICULTURE**			
1.	Floriculture, Horticulture, Development of Seeds, Animal Husbandry, Pisciculture, Aqua-culture and Cultivation of Vegetables & Mushrooms under controlled conditions and services related to agro and allied sectors. **Note: Besides the above, FDI is not allowed in any other agricultural sector/activity**	100%	Automatic	
2.	**Tea Sector**, including tea plantation **Note: Besides the above, FDI is not allowed in any other plantation sector/activity**	100%	FIPB	Subject to divestment of 26% equity in favour of Indian partner/Indian public within 5 years and prior approval of State Government concerned in case of any change in future land use.
II	**INDUSTRY**			
II A	**MINING**			
3.	**Mining** covering exploration and mining of diamonds & precious stones; gold, silver and minerals.	100%	Automatic	Subject to Mines & Minerals (Development & Regulation) Act, 1957 www.mines.nic.in Press Note 18 (1998) and Press Note 1 (2005) are not applicable for setting up 100% owned subsidiaries in so far as the mining sector is concerned, subject to a declaration from the applicant that he has no existing joint venture for the same area and /or the particular mineral.

4.	**Coal & Lignite mining** for captive consumption by power projects, and iron & steel, cement production and other eligible activities permitted under the Coal Mines (Nationalisation) Act, 1973.	100%	Automatic	Subject to provisions of Coal Mines (Nationalization) Act, 1973 www.coal.nic.in
5.	**Mining and mineral separation of titanium bearing minerals and ores, its value addition and integrated activities.** **<u>Note:</u> FDI will not be allowed in mining of "prescribed substances" listed in Government of India notification No. S.O. 61(E) dt. 18.1.2006 issued by the Department of Atomic Energy under the Atomic Energy Act, 1962.**	100%	FIPB	Subject to sectoral regulations and the Mines and Minerals (Development & Regulation) Act, 1957 and the following conditions- i. value addition facilities are set up within India along with transfer of technology; ii. disposal of tailing during the mineral separation shall be carried out in accordance with regulations framed by the Atomic Energy Regulatory Board such Atomic Energy (Radiation Protection) Rules 2004 and the Atomic Energy (Safe Disposal of Radioactive Wastes) Rules 1987.
II B	**MANUFACTURING**			
6.	**Alcohol-Distillation & Brewing**	100%	Automatic	Subject to license by appropriate authority
7.	**Cigars & Cigarettes**-Manufacture	100%	FIPB	Subject to industrial license under the Industries (Development & Regulation) Act, 1951
8.	**Coffee& Rubber processing & warehousing**	100%	Automatic	
9.	**Defence production**	26%	FIPB	Subject to licensing under Industries (Development & Regulation) Act, 1951 and guidelines on FDI in production of arms & ammunition.
10.	**Hazardous chemicals,** viz., hydrocyanic acid and its derivatives; phosgene and its derivatives; and isocyanates and diisocyantes of hydrocarbon.	100%	Automatic	Subject to industrial license under the Industries (Development & Regulation) Act, 1951 and other sectoral regulations.
11.	**Industrial explosives** - Manufacture	100%	Automatic	Subject to industrial license under Industries (Development & Regulation) Act, 1951 and regulations under Explosives Act, 1898

12.	**Drugs & Pharmaceuticals including those involving use of recombinant DNA technology**	100%	Automatic	
II C	**POWER**			
13.	Power including generation (except Atomic energy); transmission, distribution and Power Trading.	100%	Automatic	Subject to provisions of the Electricity Act, 2003 www.powermin.nic.in
III	**SERVICES**			
14.	**CIVIL AVIATION SECTOR**			
(i)	**Airports-**			
a.	Greenfield projects	100%	Automatic	Subject to sectoral regulations notified by Ministry of Civil Aviation www civilaviation.nic. in
b.	Existing projects	100%	FIPB beyond 74%	Subject to sectoral regulations notified by Ministry of Civil Aviation www.civilaviation.nic. in
(ii)	**Air Transport Services including Domestic Scheduled Passenger Airlines; Non-Schedules Airlines; Chartered Airlines; Cargo Airlines; Helicopter and Seaplane Services**			
c.	**Scheduled Air Transport Services/ Domestic Scheduled Passenger Airline**	49%- FDI; 100%- for NRI investttment	Automatic	Subject to no direct or indirect participation by foreign airlines and sectoral regulations..
d.	**Non-Scheduled Air Transport Service/ Non-Scheduled airlines, Chartered airlines, and Cargo airlines**	74%- FDI 100%- for NRIs investment	Automatic	Subject to no direct or indirect participation by foreign airlines in Non-Scheduled and Chartered airlines. Foreign airlines are allowed to participate in the equity of companies operating Cargo airlines. Also subject to sectoral regulations
e.	**Helicopter Services/Seaplane services requiring DGCA approval**	100%	Automatic	Foreign airlines are allowed to participate in the equity of companies operating Helicopter and seaplane airlines. Also subject to sectoral regulations.
(iii)	**Other services under Civil Aviation Sector**			
f.	**Ground Handling Services**	**74%- FDI 100%- for NRIs investment**	**Automatic**	**Subject to sectoral regulations and security clearance.**
g.	**Maintenance and Repair organizations; flying training institutes; and technical training institutions**	**100%**	**Automatic**	
15.	**Asset Reconstruction Companies**	49% (only FDI)	FIPB	Where any individual investment exceeds 10% of the equity, provisions of Section 3(3)(f) of Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 should be complied with. www.finmin.nic.in
16.	**Banking - Private sector**	74% (FDI+FII)	Automatic	Subject to guidelines for setting up branches / subsidiaries of foreign banks issued by RBI. www.rbi.org.in

17.	**Broadcasting**			
a.	FM Radio	FDI +FII investment up to 20%	FIPB	Subject to Guidelines notified by Ministry of Information & Broadcasting. www.mib.nic.in
b.	Cable network	49% (FDI+FII**)**	FIPB	Subject to Cable Television Network Rules (1994) Notified by Ministry of Information & Broadcasting. www.mib.nic.in
c.	Direct-To-Home	49% (FDI+FII**).** Within this limit, FDI component not to exceed 20%	FIPB	Subject to guidelines issued by Ministry of Information & Broadcasting. www.mib.nic.in
d.	Setting up hardware facilities such as up-linking, HUB, etc	49% (FDI+FII**)**	FIPB	Subject to Up-linking Policy notified by Ministry of Information & Broadcasting. www.mib.nic.in
e.	Up-linking a News & Current Affairs TV Channel	26% FDI+FII	FIPB	Subject to guidelines issued by Ministry of Information & Broadcasting. www.mib.nic.in
f.	Up-linking a Non-news & Current Affairs TV Channel	100%	FIPB	Subject to guidelines issued by Ministry of Information & Broadcasting. www.mib.nic.in
18.	**Commodity Exchanges**	49% (FDI+FII) Investment by Registered FII under PIS will be limited to 23% and Investment under FDI Scheme limited to 26%.	FIPB	FII purchases shall be restricted to secondary market only. No foreign investor/entity, including persons acting in concert, will hold more than 5% of the equity in these companies.
19.	**Construction Development projects, including housing, commercial premises, resorts, educational institutions, recreational facilities, city and regional level infrastructure, townships. Note:: FDI is not allowed in Real Estate Business**	100%	Automatic	Subject to conditions notified vide Press Note 2 (2005 Series) including: a. minimum capitalization of US$ 10 million for wholly owned subsidiaries and US$ 5 million for joint venture. The funds would have to be brought within six months of commencement of business of the Company. b. Minimum area to be developed under each project- 10 hectares in case of development of serviced housing plots; and built-up area of 50,000 sq. mts. in case of construction development project; and any of the above in case of a combination project. [Note 1: For investment by NRIs, the conditions mentioned in Press Note 2 / 2005 are not applicable. Note 2: For investment in SEZs, Hotels & Hospitals, conditions mentioned in Press Note 2(2005) are not applicable]

20.	**Courier services for carrying packages, parcels and other items which do not come within the ambit of the Indian Post Office Act, 1898.**	100%	FIPB	Subject to existing laws and exclusion of activity relating to distribution of letters, which is exclusively reserved for the State. www.indiapost.gov.in
21.	**Credit Information Companies**	49 % (FDI+FII) Investment by Registered FII under PIS will be limited to 24% only in the CICs listed at the Stock Exchanges within the overall limit of 49% foreign investment.	FIPB	Foreign Investment in CIC will be subject to Credit Information Companies (Regulation) Act, 2005. FII investment will be subject to the conditions that: (a) No single entity should directly or indirectly hold more than 10% equity (b) Any acquisition in excess of 1% will have to be reported to RBI as a reporting requirement; and (c) FIIs investing in CICs shall not seek a representation on the Board of Directors based upon their shareholding.
22.	**Industrial Parks both setting up and in established Industrial Parks**	100%	Automatic	Conditions in Press Note 2(2005) applicable for construction development projects would not apply provided the Industrial Parks meet with the under-mentioned conditions- i. it would comprise of a minimum of 10 units and no single unit shall occupy more than 50% of the allocable area; ii. the minimum percentage of the area to be allocated for industrial activity shall not be less than 66% of the total allocable area.
23	**Insurance**	26%	Automatic	Subject to licensing by the Insurance Regulatory & Development Authority www.irda.nic.in
24.	**Investing companies in infrastructure / services sector (except telecom sector)**	100%	FIPB	Where there is a prescribed cap for foreign investment, only the direct investment will be considered for the prescribed cap and foreign investment in an investing company will not be set off against this cap provided the foreign direct investment in such investing company does not exceed 49% and the management of the investing company is with the Indian owners.

25.	**Non Banking Finance Companies**			
i) ii) iii) iv) v) vi) vii) viii) ix) x) xi) xii) xiii) xiv) xv) xvi) xvii) xviii)	**Merchant Banking** **Underwriting Portfolio Management Services** **Investment Advisory Services** **Financial Consultancy** **Stock Broking** **Asset Management** **Venture Capital** **Custodial Services** **Factoring** **Credit Rating Agencies** **Leasing & Finance** **Finance** **Housing Finance** **Forex Broking** **Credit card Business** **Money changing business** **Micro credit** **Rural credit**	100%	Automatic	Subject to: a. minimum capitalization norms for fund based NBFCs - US$ 0.5 million to be brought upfront for FDI up to 51%; US$ 5 million to be brought upfront for FDI above 51% and up to 75%; and US$ 50 million out of which US$ 7.5 million to be brought upfront and the balance in 24 months for FDI beyond 75% and up to 100%. b. minimum capitalization norms for non-fund based NBFC activities- US$ 0.5 million. c. foreign investors can set up 100% operating subsidiaries without the condition to disinvest a minimum of 25% of its equity to Indian entities subject to bringing in US$ 50 million without any restriction on number of operating subsidiaries without bringing additional capital. d. joint venture operating NBFC's that have 75% or less than 75% foreign investment will also be allowed to set up subsidiaries for undertaking other NBFC activities subject to the subsidiaries also complying with the applicable minimum capital inflow. e. compliance with the guidelines of the RBI. f. The minimum capitalization norms would apply would be applicable where the foreign holding in a NBFC(both direct and foreign holding in a NBFC(both direct and indirect) exceeds the limits indicated at (a) above g. The capital for the purpose of minimum capitalization norms shall consist of ordinary shares only.
26.	**Petroleum & Natural Gas sector**			
a.	Refining	49% in case of PSUs 100% in case of Private companies	FIPB (in case of PSUs) Automatic (in case of private companies)	Subject to Sectoral policy www.petroleum.nic.in and no divestment or dilution of domestic equity in the existing PSUs.

b.	Other than Refining and including market study and formulation; investment/financing; setting up infrastructure for marketing in Petroleum & Natural Gas sector.	100%	Automatic	Subject to sectoral regulations issued by Ministry of Petroleum & Natural Gas www.petroleum.nic.in
27.	**Print Media**			
a.	Publishing of **newspaper and periodicals** dealing with news and current affairs	26%	FIPB	Subject to Guidelines notified by Ministry of Information & Broadcasting. www.mib.nic.in
b.	**Publishing of scientific magazines/ specialtyjournals/ periodicals**	100%	FIPB	Subject to guidelines issued by Ministry of Information & Broadcasting. www.mib.nic.in
28.	**Telecommunications**			
a.	Basic and cellular, Unified Access Services, National/ International Long Distance, V-Sat, Public Mobile Radio Trunked Services (PMRTS), Global Mobile Personal Communications Services (GMPCS) and other value added telecom services	74% (Including FDI, FII, NRI, FCCBs, ADRs, GDRs, convertible preference shares, and proportionate foreign equity in Indian promoters/ Investing Company)	Automatic up to 49%. FIPB beyond 49%.	Subject to guidelines notified in the PN 3(2007)
b.	ISP with gateways, radio-paging, end-to- end bandwidth.	74%	Automatic up to 49%. FIPB beyond 49%.	Subject to licensing and security requirements notified by the Dept. of Telecommunications. www.dotindia.com
c.	(a) ISP without gateway, (b) infrastructure provider providing dark fibre, right of way, duct space, tower (Category I); (c) electronic mail and voice mail	100%	Automatic up to 49%. FIPB beyond 49%.	Subject to the condition that such companies shall divest 26% of their equity in favour of Indian public in 5 years, if these companies are listed in other parts of the world. Also subject to licensing and security requirements, where required. www.dotindia.com
d.	Manufacture of telecom equipments	100%	Automatic	Subject to sectoral requirements. www.dotindia.com

29.	**Trading**			
a. b. c. d. e.	Wholesale/cash & carry trading Trading for exports Trading of items sourced from small scale sector Test marketing of such items for which a company has approval for manufacture Single Brand product retailing	100% 100% 100% 100% 51%	Automatic Automatic FIPB FIPB FIPB	Subject to the condition that the test marketing approval will be for a period of two years and I nvestment in setting up manufacturing facilities comomences simultaneously with test marketing. Subject to guidelines for FDI in trading issued by Department of Industrial Policy & Promotion vide Press Note 3 (2006 Series).
30.	**Satellites - Establishment and operation**	74%	FIPB	Subject to Sectoral guidelines issued by Department of Space/ISRO www.isro.org
31.	**Special Economic Zones and Free Trade Warehousing Zones** covering setting up of these Zones and setting up units in the Zones	100%	Automatic	Subject to Special Economic Zones Act, 2005 and the Foreign Trade Policy. www.sezindia.nic.in

Automatic route subject to sectoral rules/ regulations applicable.

III. Prior Government approval for FDI required in the following circumstances:

i) where provisions of Press Note 1 (2005 Series) issued by the Government of India are attracted;

ii) where more than 24% foreign equity is proposed to be inducted for manufacture of items reserved for the Small Scale sector.

BOX 1.2
PRESS NOTE NO. 8 (2008 SERIES)

GUIDELINES FOR FOREIGN INVESTMENT IN COMMODITY EXCHANGES

Government of India had laid the guidelines for foreign investment in Commodity Exchanges vide Press Note 2(2008) dated 12th March 2008. As per the guidelines, a composite ceiling for foreign investment of 49% was allowed with prior Government approval subject to the condition that investment under the Portfolio Investment Scheme will be limited to 23% and that under the FDI Scheme will be limited to 26%. Further no foreign investor/entity including persons acting in concert will hold more than 5% of the equity in these companies.

2. It has been brought to the notice of the Government that some of the existing Commodity Exchanges had foreign investment above the permitted level as on the date of issue of the said Press Note.

3. In order to facilitate the existing Commodity Exchanges to comply with the guidelines notified vide Press Note 2(2008), it has now been decided to allow a transition / complying/correction time to the existing Commodity exchange(s). The Commodity Exchange(s) would be required to divest foreign equity equal to the amount by which the cap was being exceeded in accordance with Press Note 2(2008). Accordingly, all such Commodity Exchanges are hereby advised to adhere to the conditions of Press Note 2(2008) by 30.6.2009.

4. All Commodity Exchanges shall furnish a compliance report informing the foreign investment in the Commodity Exchange as on 30.6.2009, along with details of equity structure, to the Department of Industrial Policy & Promotion, Department of Consumer Affairs, Foreign Investment Promotion Board, the Forward Market Commission and SEBI.

5. Non-compliance of the conditions of Press Note 2(2008) after 30.6.2009 would be a violation of the Foreign Exchange Management Act, 1999.

(Gopal Krishna)
Joint Secretary to the Government of India.

D/o IPP F.No. 12(58)/2005-FC dated 19th August 2008

BOX 1.3
PRESS NOTE NO. 1 (2009 SERIES)

FOREIGN INVESTMENT IN PRINT MEDIA DEALING WITH NEWS AND CURRENT AFFIARS

On a review of the extant policy on Foreign Direct Investment, Government of India has decided to allow foreign investment in publication of facsimile edition of foreign newspapers and Indian edition of foreign magazines dealing with news and current affairs as under.

2. **Policy for foreign direct investment (FDI) in publication of facsimile edition of foreign newspapers**

2.1 FDI up to 100% is permitted with prior approval of the Government in publication of facsimile edition of foreign newspapers provided the FDI is by the owner of the original foreign newspaper(s) whose facsimile edition is proposed to be brought out in India.

2.2 Publication of facsimile edition of foreign newspapers can be undertaken only by an entity incorporated or registered in India under the provisions of the Companies Act, 1956.

2.3 Publication of facsimile edition of foreign newspaper would also be subject to the Guidelines for publication of newspapers and periodicals dealing with news and current affairs and publication of facsimile edition of foreign newspapers issued by Ministry of Information & Broadcasting on 31.3.2006, as amended from time to time.

3. **Policy for foreign investment in publication of Indian editions of foreign magazines dealing with news and current affairs.**

3.1 Foreign investment, including FDI and investment by NRIs/PIOs/FII, up to 26%, is permitted with prior approval of the Government.

3.2 'Magazine', for the purpose of these guidelines, will be defined as a periodical publication, brought out on non-daily basis, containing public news or comments on public news.

3.3 Foreign investment would also be subject to the Guidelines for Publication of Indian editions of foreign magazines dealing with news and current affairs issued by the Ministry of Information & Broadcasting on 4.12.2008.

4. FDI Policy announced vide Annex to Press Note 7(2008) dated 16th June 2008 against entry No. 27 stands amplified to the above extent.

GOPAL KRISHNA
Joint Secretary to the Government of India

F.No. 9(6)/2008-FC dated 14th January, 2009.

BOX 1.4
PRESS NOTE NO. 2 (2009 SERIES)

GUIDELINES FOR CALCULATION OF TOTAL FOREIGN INVESTMENT i.e. DIRECT AND INDIRECT FOREIGN INVESTMENT IN INDIAN COMPANIES

Investment in Indian companies can be made both by non-resident as well as resident Indian entities. Any non-resident investment in an Indian company is direct foreign investment. Investment by resident Indian entities could again comprise of both resident and non-resident investment. Thus, such an Indian company would have indirect foreign investment if the Indian investing company has foreign investment in it. The indirect investment can be a cascading investment i.e. through multi-layered structure also.

2.0 The method of calculation of total foreign investment in an Indian company including indirect foreign investment through other Indian companies has been detailed out in entry 10 of Press Note 2(2000), Press Note 1(2006), Press Note 3(2007) and entry 24 of Press Note 7 (2008). The methodology for some sectors is also separately contained in either sectoral regulations or rules and regulations under specific statutes. Essentially the present FDI guidelines provide for three different regimes for calculation of Indirect Foreign Equity-

2.1 Proportionate method is used in Telecom/ Broadcasting sectors through Press Note 5 of 2005 (modifying Press Note 2 of 2000), Press Note 1(2006) and Press Note 3(2007)

2.2 Insurance: outlined in IRDA regulations (IRDA (Registration of Indian Insurance Companies) Regulations, 2000) and

2.3 In all other sectors, for an investing company in the infrastructure / service sector attracting equity caps, indirect equity is calculated as was given in Press Note 2 of 2000*: Investing companies in infrastructure/service sectors (entry no. 10). This policy was reiterated by Press Note 4 of 2006(Entry no.18) which was modified by a Press release dated November 13, 2006 and Press Note 7(2008) (entry 24).* According to this, foreign investment in an investing company will not be set off against this cap where the foreign equity in the investing company does not exceed 49% and the Management of the investing company is with Indian owners. FIPB approval is required by Investing Companies for downstream investment.

3.0 Recognising the need to bring in clarity, uniformity, consistency and homogeneity into the exact methodology of calculation across sectors/activities for all direct and indirect foreign investment in Indian companies, Government of India now proposes to issue the following guidelines for calculation of direct and indirect foreign investment.

4.0 **Definitions:**

4.1For the purpose of computation of indirect Foreign investment, Foreign Investment in Indian company shall include all types of foreign investments i.e. FDI, investment by FIIs(holding as on March 31), NRIs, ADRs, GDRs, Foreign Currency Convertible Bonds (FCCB) and convertible preference shares, convertible Currency Debentures regardless of whether the said investments have been made under Schedule 1, 2, 3 and 6 of FEMA (Transfer or Issue of Security by Persons Resident Outside India) Regulations.

4.2 The term 'Resident Indian Citizen' shall be interpreted in line with the definition of 'person resident in India' as per FEMA, 1999, read in conjunction with the Indian Citizenship Act.

4.3 A 'non resident entity' means a 'person resident outside India' as defined under FEMA 1999.

4.4 The term 'Indian Company' means a company registered or incorporated in India as per the Indian Companies Act, 1956.

4.5 'Investing Company' means an Indian Company making equity/preference/CCD investment into another Indian Company.

4.6 Holding Company would have the same meaning as defined in Indian Companies Act 1956.

5.0 **Guidelines for calculation of total foreign investment i.e. direct and indirect foreign investment in an Indian company.**

5.1 **Counting the Direct Foreign Investment:**

5.1.1. All investment directly by a non-resident entity into the Indian company would be counted towards foreign investment.

5.2 Counting of indirect foreign Investment:

5.2.1 The foreign investment through the investing Indian company would not be considered for calculation of the indirect foreign investment in case of Indian companies which are 'owned **and** controlled' by resident Indian citizens and/or Indian Companies which are owned and controlled by resident Indian citizens.

For this purpose, an Indian company may be taken as being:

• "**owned"** by resident Indian citizens and Indian companies, which are owned and controlled by resident Indian citizens, if more than 50% of the equity interest in it is beneficially owned by resident Indian citizens and Indian companies, which are owned and controlled ultimately by resident Indian citizens; **and**
• **"controlled"** by resident Indian citizens and Indian companies, which are owned and controlled by resident Indian citizens, if the resident Indian citizens and Indian companies, which are owned and controlled by resident Indian citizens, have the power to appoint a majority of its directors .

5.2.2 For cases where condition 5.2.1 above is not satisfied or if the investing company is owned **or** controlled by 'non resident entities', the entire investment by the investing company into the subject Indian Company would be considered as indirect foreign investment,

5.2.2.1 Provided that, as an exception, the indirect foreign investment in only the 100% owned subsidiaries of operating-cum-investing/investing companies, will be limited to the foreign investment in the operating-cum-investing/ investing company. For the purposes of explanation, it is clarified that this exception is being made since the downstream investment of a 100% owned subsidiary of the holding company is akin to investment made by the holding company and the downstream investment should be a mirror image of the holding company.

5.2.2.2 For the above purpose, an Indian company may be taken as being:
• "**owned"** by 'non resident entities', if more than 50% of the equity interest in it is beneficially owned by non-residents
• "**controlled"** by 'non resident entities', if non-residents have the power to appoint a majority of its directors

5.2.2.3 Illustration
To illustrate, if the indirect foreign investment is being calculated for Company A which has investment through an investing company B having foreign investment, the following would be the method of calculation:

(ii) where Company B has foreign investment of say 75% and:

a. invests 26% in Company A, the entire 26% investment by Company B would be treated as indirect foreign investment in Company A;

b. Invests 80% in Company A, the indirect foreign investment in Company A would be taken as 80%
c. where Company A is a wholly owned subsidiary of Company B (i.e. Company B owns 100% shares of Company A), then only 75% would be treated as indirect foreign equity and the balance 25% would be treated as resident held equity. The indirect foreign equity in Company A would be computed in the ratio of 75: 25 in the total investment of Company B in Company A.

5.3 The total foreign investment would be the sum total of direct and indirect foreign investment.
5.4 The above methodology of calculation would apply at every stage of investment in Indian Companies and thus to each and every Indian Company.

5.5 Additional conditions:

5.5.1 The full details about the foreign investment including ownership details etc. in Indian company(s) and information about the control of the company(s) would be furnished by the Company(s) to the Government of India at the time of seeking approval.

5.5.2 In any sector/activity, where Government approval is required for foreign investment and in cases where there are any *inter-se* agreements between/amongst share-holders which have an effect on the appointment of the Board of Directors or on the exercise of voting rights or of creating voting rights disproportionate to shareholding or any incidental matter thereof, such agreements will have to be informed to the approving authority. The approving authority will consider for determining ownership and control such *inter-se* agreements when considering the case for granting approval for foreign investment.

5.5.3 In all sectors attracting sectoral caps, the balance equity i.e. beyond the sectoral foreign investment cap, would specifically be beneficially owned by/held with/in the hands of resident Indian citizens and Indian companies, owned and controlled by resident Indian citizens.

5.5.4 In the I& B and Defense sectors where the sectoral cap is less than 49%, the company would need to be 'owned **and** controlled' by resident Indian citizens and Indian companies, which are owned and controlled by resident Indian citizens.

5.5.4.1 For this purpose, the equity held by the largest Indian shareholder would have to be at least 51% of the total equity, excluding the equity held by Public Sector Banks and Public Financial Institutions, as defined in Section 4A of the Companies Act, 1956. The term 'largest Indian shareholder', used in this clause, will include any or a combination of the following:
(i) In the case of an individual shareholder,
(a) The individual shareholder,

(b) A relative of the shareholder within the meaning of Section 6 of the Companies Act, 1956.
(c) A company/ group of companies in which the individual shareholder/HUF to which he belongs has management and controlling interest.

(ii) In the case of an Indian company,
(a) The Indian company
(b) A group of Indian companies under the same management and ownership control.

5.5.4.2 For the purpose of this Clause, "Indian company" shall be a company which must have a resident Indian or a relative as defined under Section 6 of the Companies Act, 1956/ HUF, either singly or in combination holding at least 51% of the shares.
5.5.4.3 Provided that, in case of a combination of all or any of the entities mentioned in Sub-Clauses (i) and (ii) of clause 5.5.4.1 above, each of the parties shall have entered into a legally binding agreement to act as a single unit in managing the matters of the applicant company.

5.5.5 If a declaration is made by persons as per section 187C of the Indian Companies Act about a beneficial interest being held by a non resident entity, then even though the investment may be made by a resident Indian citizen, the same shall be counted as foreign investment.

6.0 The above mentioned policy and the methodology would be applicable for determining the total foreign investment in all sectors, excepting in sectors where it is governed specifically under any statutes or rules thereunder. Thus, for the present purposes this methodology will not be applicable in the Insurance Sector where it will continue to be governed by the relevant Regulation.

7.0 Policy for downstream investment by investing companies:
Based on the above methodology for calculation of total foreign investment in Indian companies, the policy on downstream investment-i.e. for only operating companies, operating-cum-investing companies, investing companies and for holding companies without any downstream investment and operations would be notified separately in amendment to Press Note 3 of 1997, Press Note 9 of 1999, entry 10 under Press Note 2 of 2000, entry 18 under Press Note 4 of 2006 as amended by the Press release dated 13th November, 2006, and entry 24 of Press Note 7(2008).

8.0 Any foreign investment already made in accordance with the guidelines in existence prior to issue of this Press Note would not require any modification to conform with these guidelines. All other investments, past and future, would come under the ambit of these new guidelines.

8.1 Any violation of these guidelines and noncompliance would be a violation under FEMA 1999 and would lead to action under the relevant regulations under the Act.

9.0 Entry 10 under Press Note 2(2000), entry 18 under Press Note 4(2006), as amended by the Press Release dated 13th November 2006 and entry 24 under Press Note 7(2008) stand deleted.

10.0 The relevant entry pertaining to calculation of foreign equity of the applicant company under paragraph 2(c) of Press Note 1 of 2006 and paragraph 2.A.(ii) of Press Note 3 of 2007 stand deleted.
11.0 These guidelines will be effective from the date of issue of this Press Note.

GOPAL KRISHNA
Joint Secretary to the Government of India

D/o IPP F.No. 12/22/2007-FC dated the 13th February 2009

BOX 1.5
PRESS NOTE NO. 3 (2009 SERIES)

GUIDELINES FOR TRANSFER OF OWNERSHIP FOR TRANSFER OF OWNERSHIP OR CONTROL OF INDIAN COMPANIES IN SECTORS WITH CAPS FROM RESIDENT INDIAN CITIZENS TO NON-RESIDENT ENTITIES

At present, the transfer of shares from residents to non-residents, including acquisition of shares in an existing company, is on the automatic route, subject to the sectoral policy on FDI. Concerns have been raised on recent acquisitions of certain Indian companies by non-resident entities in sectors with caps. Accordingly, guidelines for transfer of ownership or control of Indian companies in sectors with caps from resident Indian citizens to non-resident entities have been formulated and are enumerated below.

2.0 Definitions:

2.1 The term 'Resident Indian Citizen' shall be interpreted in line with the definition of 'person resident in India' as per FEMA, 1999, read in conjunction with the Indian Citizenship Act.

2.2 A 'non resident entity' means a 'person resident outside India' as defined under FEMA 1999.

2.3 The term 'Indian Company' means a company registered or incorporated in India as per the Indian Companies Act, 1956.

2.4 For the purpose of these guidelines, an Indian company may be taken as being:

• "**owned"** by resident Indian citizens and Indian companies, which are owned and controlled by resident Indian citizens, if more than 50% of the equity interest in it is beneficially owned by resident Indian citizens and Indian companies, which are owned and controlled ultimately by resident Indian citizens;

• **"controlled"** by resident Indian citizens and Indian companies, which are owned and controlled by resident Indian citizens, if the resident Indian citizens and Indian companies, which are owned and controlled by resident Indian citizens, have the power to appoint a majority of its directors.

2.5 Further, for the above purpose, an Indian company may be taken as being:

• "**owned"** by 'non resident entities', if more than 50% of the equity interest in it is beneficially owned by non-residents

• "**controlled"** by 'non resident entities', if non-residents have the power to appoint a majority of its directors.

2.6 Foreign investment shall include all types of foreign investments i.e. FDI, investment by FIIs, NRIs, ADRs, GDRs, Foreign Currency Convertible Bonds (FCCB) and convertible preference shares, regardless of whether the said investments have been made under Schedule 1, 2, 3 and 6 of FEMA (Transfer or Issue of Security by Persons Resident Outside India) Regulations.

3.0 **Guidelines for transfer of ownership or control of Indian companies in sectors with caps from resident Indian citizens to non-resident entities in sectors with caps:**

3.1 In sectors with caps, including *interalia* defence production, air transport services, ground handling services, asset reconstruction companies, private sector banking, broadcasting, commodity exchanges, credit information companies, insurance, print media, telecommunications and satellites, Government approval/FIPB approval would be required in all cases where:

3.1.1 An Indian company is being established with foreign investment and is owned by a non-resident entity or

3.1.2 An Indian company is being established with foreign investment and is controlled by a non-resident entity or

3.1.3 The control of an existing Indian company, currently owned or controlled by resident Indian citizens and Indian companies, which are owned or controlled by resident Indian citizens, will be/is being transferred/passed on to a non-resident entity as a consequence of transfer of shares to non-resident entities through amalgamation, merger, acquisition etc. or

3.1.4 The ownership of an existing Indian company, currently owned or controlled by resident Indian citizens and Indian companies, which are owned or controlled by resident Indian citizens, will be/is being transferred/passed on to a non-resident entity as a consequence of transfer of shares to non-resident entities through amalgamation, merger, acquisition etc.

3.2 It is clarified that these guidelines will not apply for sectors/activities where there are no foreign investment caps, that is, 100% foreign investment is permitted under the automatic route.

4.0 These guidelines will issue in modification of paragraph 2(e) of Press Note 4 of 2006 and will be effective from the date of issue of this Press Note. FDI policy announced vide Annex to Press Note 7(2008) dated 16th June 2008 stands amplified to the above extent.

GOPAL KRISHNA
Joint Secretary to the Government of India

D/o IPP F.No. 12/22/2007-FC dated the 13th February 2009

BOX 1.6
PRESS NOTE NO. 4 (2009 SERIES)

CLARIFICATORY GUIDELINES ON DOWNSTREAM INVESTMENT BY INDIAN COMPANIES

The Policy for downstream investment by Indian companies seeks to lay down and clarify about compliance with the Foreign investment norms on entry route, conditionalities and sectoral caps. The 'guiding principle' is that downstream investment by companies 'owned' or 'controlled' by non resident entities would require to follow the same norms as a direct foreign investment i.e. only as much can be done by way of indirect foreign investment through downstream investment in terms of Press Note 2 (2009 series) as can be done through direct foreign investment and what can be done directly can be done indirectly under same norms.

2.0 The Guidelines for calculation of total foreign investment, both direct and indirect in an Indian company, at every stage of investment, including downstream investment, have been detailed in Press Note 2 of 2009 which enables determination of total foreign investment in any/all Indian Companies.

3.0 Definitions:

3.1 The term 'Indian Company' means a company registered or incorporated in India as per the Indian Companies Act, 1956

3.2 'Operating Company' is an Indian company which is undertaking operations in various economic activities and sectors.

3.3 'Downstream investment' means indirect foreign investment by one Indian company into another Indian company by way of subscription or acquisition in terms of Press Note 2 of 2009. Para 5.2 of the said Press Note provides the guidelines for calculation of indirect foreign investment with conditions specified in para 5.5.

3.4 'Investing Company' means an Indian Company holding only investments in another Indian company, directly or indirectly, other than for trading of such holdings/securities.

3.5 'Foreign Investment' would have the same meaning as in Press Note 2 (2009 series).

4.0 **Guidelines for downstream investment by Investing Indian Companies 'owned or controlled by non resident entities' as per Press Note 2 of 2009:** Recognizing the need to bring in clarity into the Policy for downstream investment by investing Indian companies, the Government of India now proposes to clarify the policy in this regard.

4.1 The Policy on downstream investment comprises policy for (a) only operating companies (b) operating-cum-investing companies (c) only investing companies.

4.2 The Policy in this regard will be as below:
4.2.1 Only operating companies: Foreign investment in such companies would have to comply with the relevant sectoral conditions on entry route, conditionalities and caps with regard to the sectors in which such companies are operating.

4.2.2 Operating-cum-investing companies: Foreign investment into such companies would have to comply with the relevant sectoral conditions on entry route, conditionalities and caps with regard to the sectors in which such companies are operating. Further, the subject Indian companies into which downstream investments are made by such companies would have to comply with the relevant sectoral conditions on entry route, conditionalities and caps in regard of the sector in which the subject Indian companies are operating.

4.2.3 Investing companies: Foreign Investment in Investing Companies will require the prior Government/FIPB approval, regardless of the amount or extent of foreign investment. The Indian companies into which downstream investments are made by such investing companies would have to comply with the relevant sectoral conditions on entry route, conditionalities and caps in regard of the sector in which the subject Indian companies are operating.

5.0 For companies which do not have any operations and also do not have any downstream investments, for infusion of foreign investment into such companies, Government/FIPB approval would be required, regardless of the amount or extent of foreign investment. Further, as and when such company commences business(s) or makes downstream investment it will have to comply with the relevant sectoral conditions on entry route, conditionalities and caps.

6.0 For Operating-cum- investing companies and investing companies (Para 4.2.2, 4.2.3) and for companies as per para 5.0 above, downstream investments can be made subject to the following conditions:

(a) Such company is to notify SIA, DIPP and FIPB of its downstream investment within 30 days of such investment even if equity shares/CCPS/CCD have not been allotted along with the modality of investment in new/existing ventures (with/without expansion programme);

(b) downstream investment by way of induction of foreign equity in an existing Indian Company to be duly supported by a resolution of the Board of Directors supporting the said induction as also a shareholders Agreement if any;

(c) issue/transfer/pricing/valuation of shares shall be in accordance with applicable SEBI/RBI guidelines;

(d) Investing companies would have to bring in requisite funds from abroad and not leverage funds from domestic market for such investments. This would, however, not preclude downstream operating companies to raise debt in the domestic market.

7.0 Para 11 of Press Note 3 of 1997 and Press Note 9 of 1999 stand deleted. These guidelines will be effective from the date of issue of this Press Note. FDI Policy announced vide Annex to Press Note 7 (2008) dated June 16, 2008 stands amplified to the above extent.

GOPAL KRISHNA
Joint Secretary to the Government of India

D/o. IPP File No. 12(22)/2007-FC Dated 25th February, 2009

CHAPTER - II

AN UPDATE ON ECONOMIC REFORM

2.1 INDEX OF INDUSTRIAL PRODUCTION (IIP)

2.1.1 The current Index of Industrial Production (IIP) compiled by the Central Statistical Organisation (CSO) is based on the base year 1993-94=100 and covers 538 items. Sector-wise weights and number of items in the IIP are as follows:

Table 2.1Sector-wise weight and number of items

Sector	Weight (%)	No. of items
Mining	10.47	64 (11.90)
Manufacturing	79.36	473 (87.92)
Electricity	10.17	1 (0.18)
Total	100.0	538 (100.0)

(Figures in bracket are percentages to total)

2.1.2 The above 538 items are further categorized into 283 Item Groups as per use-based classification. The item groups and their weights under IIP as per use-based classification (1993-94=100) are as follows:

Table 2.2 Number of Item Groups and Weight

Sector	No. of item groups	Weight (%)
Basic Goods	63 (22.26)	35.56
Capital Goods	48 (16.96)	9.26
Intermediate Goods	89 (31.45)	26.51
Consumer Goods	83 (29.33)	28.66
I. Consumer durables	25 (8.83)	5.36
II. Consumer non-durables	58 (20.50)	23.30
Total	283 (100.00)	100.00

(Figures in bracket are percentages to total)

2.1.3 In the total 283 Item Groups, 281 comprise of manufacturing and one each of mining & electricity. The CSO compiles the IIP based on monthly production data received from 15 agencies. Data in respect of 209 items, including 18 SSI items are supplied by the DIPP to the CSO (Table 2.3).

INDEX OF INDUSTRIAL PRODUCTION (IIP)

Table 2.3 Source of Data

Sl. No.	Source Agency	Weight (%)
1.	**Deptt. of Industrial Policy & Promotion**	51.96
2.	Indian Bureau of Mines	10.47
3.	Textile Commission	12.33
4.	Development Commissioner, Iron & Steel	5.91
5.	DC, SSI	0.65
6.	M/o Petroleum	2.39
7.	Directorate of Vanaspati	1.70
8.	Jute Commissioner	0.59
9.	Railway Board	0.56
10.	Coal Controller	0.012
11.	Central Electricity Authority	10.17
12.	Directorate of Sugar	2.24
13.	Salt Commissioner	0.052
14.	Tea Board	0.076
15.	Coffee Board	0.01

2.1.4 The IIP is a simple weighted arithmetic mean of production relatives calculated by using Laspeyre's formula:

$$I=\Sigma(W_i R_i)/\Sigma W_i$$

Where I is the Index, R_i is the production relative of the ith item for the month in question and W_i is the weight allotted to it.

2.1.5 Provisional index for a given month is compiled and released by the CSO. This index is subsequently revised twice i.e., first revision with the Quick Estimates of IIP for next month, and second and final revision with the Quick Estimates of IIP for the third subsequent month.

2.1.6 IIP data are available at http://www.mospi.nic.in

Source: Compiled by Office of the Economic Adviser, Department of Industrial Policy & Promotion, Ministry of Commerce & Industry.

NATIONAL MINERAL POLICY, 2008
(For non-fuel and non-coal minerals)

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2.2.1 The new National Mineral Policy (NMP), 2008 enunciates measures like assured right to next stage mineral concession, transferability of mineral concessions and transparency in allotment of concessions, in order to reduce delays which are seen as impediments to investment and technology flows in the mining sector in India. NMP, 2008 also seeks to develop a sustainable framework for optimum utilization of the country's natural mineral resources for the industrial growth in the country and at the same time improving the life of people living in the mining areas, which are generally located in the backward and tribal regions of the country.

2.2.2 NMP, 2008 recognizes that minerals are a valuable natural resource being the vital raw material for infrastructure, capital goods and basic industries. Therefore, development of the extraction and management of minerals has to be integrated into the overall strategy of the country's economic development. The exploitation of minerals has to be guided by long-term national goals and perspectives, which are dynamic and responsive to the changing global economic scenario. NMP, 2008 also recognizes that the country is blessed with ample resources of a number of minerals and has the geological environment for many others being a part of the ancient Gondwanaland, which includes parts of Australia, South Africa, and Latin America. NMP, 2008 observes that the guiding strategy for development of any mineral should naturally keep in view its ultimate end uses in terms of demand and supply in the short, medium and long terms and this would be market oriented. However, a disaggregated approach in respect of each mineral will be adopted and a mineral specific strategy will be developed to maximise gains from the comparative advantage which the country enjoys and mineral development will be prioritized in terms of import substitution, value addition and export, in that order. Conservation of minerals shall be construed not in the restrictive sense of abstinence from consumption or preservation for use in the distant future but as a positive concept leading to augmentation of reserve base through improvement in mining methods, beneficiation and utilisation of low grade ore and rejects and recovery of associated minerals.

2.2.3 The basic features of the Policy are as follows:

(i) To exploit country's geological potential through scientific and detailed prospecting of the mineral resources.

(ii) To ensure regional and detailed exploration of mineral resources systematically in the entire geologically conducive mineral bearing area of the country using state-of-the-art techniques in a time bound manner.

(iii) Optimization of the extraction of mineral resources located through exploration and prospecting and through scientific methods of mining, beneficiation and economic utilization.

(iv) Zero waste mining to be followed as a national goal;

(v) Up-gradation of mining technology to ensure extraction and utilization of the entire run-of-mines.

(vi) To improve regulatory environment to make it more conducive to investment and technology flows.

NATIONAL MINERAL POLICY, 2008
(For non-fuel and non-coal minerals)

(vii) Development of capital market structures to attract risk investment into survey and prospecting.

(viii) To assure transparency in allocation of concessions. (Preference may be given to a value addition industry in grant of mineral concession).

(ix) Priority to be given to development of a proper inventory of resources and reserves, a mining tenement registry and a mineral atlas.

(x) To ensure enforcement of mining plans for adoption of proper mining methods and optimum utilisation of minerals.

(xi) To strengthen the Geological Survey of India (GSI), the Indian Bureau of Mines (IBM) and the State Directorates of Mining & Geology with man power, equipment and upgrading their skill sets to the level of state of the art.

(xii) To design a framework of sustainable development to take care of biodiversity issues and to ensure that mining activity takes place alongwith suitable measures for restoration of the ecological balance with special care taken to protect the interest of host and indigenous (tribal) populations through developing models of stakeholder interest based on international best practices.

(xiii) Protection of interests of project affected people through comprehensive relief and rehabilitation packages in line with the National Rehabilitation and Resettlement Policy.

(xiv) Value addition, hand in hand with the growth of the mineral sector as a standalone industrial activity, to be actively encouraged.

(xv) Innovative structures to be devised for developing and financing the infrastructure needs of the mining sector. (While assistance through viability gap funding to be extended where required, the principle of user charges and Private Public Participation to be the basis on which mining infrastructure will be built).

(xvi) Protection of the legitimate fiscal interests of States which are mineral rich States. Revenues from minerals to be rationalised to ensure that the mineral bearing States get a fair share of the value of the minerals extracted from their grounds.

(xvii) Development of a comprehensive institutional framework for Research & Development, and Training facilities for human resource development to meet the manpower requirement of the Mineral Industry to enable the use of state of the art exploration techniques, scientific mining and optimal use of minerals through ore dressing and beneficiation technologies.

Source: Ministry of Mines/ Abridged Version of the NMP 2008 in the Ministry's Website

2.3 HIGHLIGHTS OF UNION BUDGET 2009-2010

2.3.1 TAX PROPOSALS

- Tax reform, like all reforms, is a process and not an event. Thrust of reforms has been to improve the efficiency and equity of our tax system. This is sought to be achieved by eliminating distortions in the tax structure, introducing moderate levels of taxation and expanding the base and accompanied by requisite re-engineering of key business processes coupled with automation.
- Recent initiative, on direct taxes side, of the setting up of a Centralized Processing Centre (CPC) at Bengaluru where all electronically filed returns, and paper returns filed in entire Karnataka, will be processed.
- Centre's Tax-GDP ratio has increased to 11.5 per cent in 2008-09 from a low of 9.2 per cent in 2003-04. Share of direct taxes in the Centre's tax revenues has increased to 56 percent in 2008-09 from 41 percent in 2003-04, reflecting sharp improvement in equity of our tax system.
- Structural changes in direct taxes to be pursued by releasing the new Direct Taxes Code within the next 45 days and in indirect taxes by accelerating the process for the smooth introduction of the Goods and Services Tax (GST) with effect from 1st April, 2010.
- The Direct Taxes Code, along with a Discussion Paper, to be released to the public for debate. The Direct Taxes Code Bill will be finalised for introduction in Lok Sabha sometime during the Winter Session based on the inputs received.
- The Authorities for Advance Rulings on Direct and Indirect Taxes to be merged by amending the relevant Acts.
- Agreement has been reached on the basic structure of GST in keeping with the principles of fiscal federalism enshrined in the Constitution. Broad contour of the GST Model envisages dual GST comprising of a Central GST and a State GST. The Centre and the States will each legislate, levy and administer the Central GST and State GST, respectively.

2.3.2 DIRECT TAXES

- No changes made in the Corporate Tax rates.
- Exemption limit in personal income tax raised by Rs.15,000 from Rs.2.25 lakh to Rs.2.40 lakh for senior citizens; by Rs.10,000 from Rs.1.80 lakh to Rs.1.90 lakh for women tax payers; and by Rs.10,000 from Rs.1.50 lakh to Rs.1.60 lakh for all other categories of individual taxpayers.
- Deduction under section 80-DD in respect of maintenance, including medical treatment, of a dependent who is a person with severe disability being raised from the present limit of Rs.75,000 to Rs.1 lakh.
- Surcharge on various direct taxes to be phased out; in the first instance, by eliminating the surcharge of 10 percent on personal income-tax.
- Sun-set clauses for deduction in respect of export profits under sections 10A and 10B of the Income-tax Act being extended by one more year i.e. for the financial year 2010-11.
- Fringe Benefit Tax on the value of certain fringe benefits provided by employers to their employees to be abolished.
- Scope of provisions relating to weighted deduction of 150% on expenditure incurred on in-house R&D to all manufacturing businesses being extended except for a small negative list.
- Businesses to be incentivised by providing investment linked tax exemptions rather than profit linked exemptions. Investment linked tax incentives to be provided, to begin with, to the businesses of setting up and operating 'cold chain', warehousing facilities for storing agricultural

HIGHLIGHTS OF UNION BUDGET 2009-2010

produce and the business of laying and operating cross country natural gas or crude or petroleum oil pipeline network for distribution on common carrier principle. Under this method, all capital expenditure, other than expenditure on land, goodwill and financial instruments to be fully allowable as deduction.

- Minimum Alternate Tax (MAT) to be increased to 15 per cent of book profits from 10 per cent. The period allowed to carry forward the tax credit under MAT to be extended from seven years to ten years.
- New Pension System (NPS) to continue to be subjected to the Exempt-Exempt-Taxed (EET) method of tax treatment of savings. Income of the NPS Trust to be exempted from income tax and any dividend paid to this Trust from Dividend Distribution Tax. All purchase and sale of equity shares and derivatives by the NPS Trust also to be exempt from the Securities Transaction Tax. Self employed persons to be enabled to participate in the NPS and to avail of the tax benefits available thereto.
- Alternative dispute resolution mechanism to be created within the Income Tax Department for the resolution of transfer pricing disputes. Central Board of Direct Taxes (CBDT) to be empowered to formulate 'safe harbour' rules to reduce the impact of judgmental errors in determining transfer price in international transactions.
- Commodity Transaction Tax (CTT) to be abolished.
- Donations to electoral trusts to be allowed as a 100 percent deduction in the computation of the income of the donor.
- Deduction under section 80E of the Income-tax Act allowed in respect of interest on loans taken for pursuing higher education in specified fields of study to be extended to cover all fields of study, including vocational studies, pursued after completion of schooling.
- To mitigate the practical difficulties faced by charitable organisations, anonymous donations received by charitable organisations to the extent of 5 percent of their total income or a sum of Rs.1 lakh, whichever is higher, not to be taxed.
- Scope of presumptive taxation to be extended to all small businesses with a turnover upto Rs. 40 lakh. All such taxpayers to have option to declare their income from business at the rate of 8 percent of their turnover and simultaneously enjoy exemption from the compliance burden of maintaining books of accounts. As a procedural simplification, they are also to be exempted from advance tax and allowed to pay their entire tax liability from business at the time of filing their return. This new scheme to come into effect from the financial year 2010-11.
- Tax holiday under section 80-IB(9) of the Income Tax Act, which was hitherto available in respect of profits arising from the commercial production or refining of mineral oil, to be extended to natural gas. This tax benefit to be available to undertakings in respect of profits derived from the commercial production of mineral oil and natural gas from oil and gas blocks which are awarded under the NELP-VIII round of bidding. The section to be retrospectively amended to provide that "undertaking" for the purposes of section 80-IB(9) will mean all blocks awarded in any single contract.

2.3.4 INDIRECT TAXES

- Proposals on indirect taxes to seek to achieve stable framework by maintaining the overall rate structure for customs and central excise duties as well as service tax.

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2.3.4.1 Customs duties

- Customs duty of 5% to be imposed on Set Top Box for television broadcasting.
- Customs duty on LCD Panels for manufacture of LCD televisions to be reduced from 10% to 5%.
- Full exemption from 4% special CVD on parts for manufacture of mobile phones and accessories to be reintroduced for one year.
- List of specified raw materials/inputs imported by manufacturer-exporters of sports goods which are exempt from customs duty, subject to specified conditions, to be expanded by including five additional items.
- List of specified raw materials and equipment imported by manufacturer-exporters of leather goods, textile products and footwear industry which are fully exempt from customs duty, subject to specified conditions, to be expanded.
- Customs duty on unworked corals to be reduced from 5% to Nil.
- Customs duty on 10 specified life saving drugs/vaccine and their bulk drugs to be reduced from 10% to 5% with Nil CVD (by way of excise duty exemption).
- Customs duty on specified heart devices, namely artificial heart and PDA/ASD occlusion device, to be reduced from 7.5% to 5% with Nil CVD (by way of excise duty exemption).
- Customs duty on permanent magnets for PM synchronous generator above 500 KW used in wind operated electricity generators to be reduced from 7.5% to 5%.
- Customs duty on bio-diesel to be reduced from 7.5% to 2.5%.
- Concessional customs duty of 5% on specified machinery for tea, coffee and rubber plantations to be reintroduced for one year, upto 06.07.2010.
- Customs duty on 'mechanical harvester' for coffee plantation to be reduced from 7.5% to 5%. CVD on such harvesters has also been reduced from 8% to nil, by way of excise duty exemption.
- Customs duty on serially numbered gold bars (other than tola bars) and gold coins to be increased from Rs.100 per 10 gram to Rs.200 per 10 gram. Customs duty on other forms of gold to be increased from Rs.250 per 10 gram to Rs.500 per 10 gram. Customs duty on silver to be increased from Rs.500 per Kg. to Rs.1000 per Kg. These increases also to be applicable when gold and silver (including ornaments) are imported as personal baggage.
- Customs duty on cotton waste to be reduced from 15% to 10%.
- Customs duty on wool waste to be reduced from 15% to 10%.
- Customs duty on rock phosphate to be reduced from 5% to 2%.
- CVD exemption on Aerial Passenger Ropeway Projects to be withdrawn. Such projects will now attract applicable CVD.
- Customs duty exemption on concrete batching plants of capacity 50 cum per hour or more to be withdrawn. Such plants will now attract customs duty of 7.5%.
- On packaged or canned software, CVD exemption to be provided on the portion of the value which represents the consideration for transfer of the right to use such software, subject to specified conditions.
- Customs duty on inflatable rafts, snow-skis, water skis, surf-boats, sail-boards and other water sports equipment to be fully exempted.

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2.3.4.2 Central Excise Duties

- Excise duty rate on items currently attracting 4% to be raised to 8% with following major exceptions:
    - Specified food items including biscuits, sharbats, cakes and pastries
    - Drugs and pharmaceutical products falling under Chapter 30
    - Medical equipment
    - Certain varieties of paper, paperboard and articles thereof
    - Paraxylene
    - Power driven pumps for handling water
    - Footwear of RSP exceeding Rs.250 but not exceeding Rs.750 per pair
    - Pressure cookers
    - Vacuum and gas filled bulbs of RSP not exceeding Rs.20 per bulb
    - Compact Fluorescent Lamps
    - Cars for physically handicapped
- Specific component of excise duty applicable to large cars/utility vehicles of engine capacity 2000 cc and above to be reduced from Rs. 20,000/- per vehicle to Rs.15,000 per vehicle.
- Excise duty on petrol driven trucks/lorries to be reduced from 20% to 8%. Excise duty on chassis of such trucks/lorries to be reduced from '20% + Rs.10000' to '8% + Rs.10000'.
- Excise duty on Special Boiling Point spirits to be reduced to 14%.
- Excise duty on naphtha to be reduced to 14%.
- Duty paid High Speed Diesel blended with upto 20% bio-diesel to be fully exempted from excise duties.
- The *ad valorem* component of excise duty of 6% on petrol intended for sale with a brand name to be converted into a specific rate. Consequently, such petrol would now attract total excise duty of Rs.14.50 per litre instead of '6% + Rs.13 per litre'.
- The *ad valorem* component of excise duty of 6% on diesel intended for sale with a brand name to be converted into a specific rate. Consequently, such diesel would now attract total excise duty of Rs.4.75 per litre instead of '6% + Rs.3.25 per litre'.
- Excise duty on manmade fibre and yarn to be increased from 4% to 8%.
- Excise duty on PTA and DMT to be increased from 4% to 8%.
- Excise duty on polyester chips to be increased from 4% to 8%.
- Excise duty on acrylonitrile to be increased from 4% to 8%.
- The scheme of optional excise duty of 4% for pure cotton to be restored.
- Excise duty for man-made and natural fibres other than pure cotton, beyond the fibre and yarn stage, to be increased from 4% to 8% under the existing optional scheme.
- An optional excise duty exemption to be provided to tops of manmade fibre manufactured from duty paid tow at par with tops manufactured from duty paid staple fibre.
- Suitable adjustments to be made in the rates of duty applicable to DTA clearances of textile goods made by Export Oriented Units using indigenous raw materials/inputs for manufacture of such goods.
- Full exemption from excise duty to be provided on goods of Chapter 68 of Central Excise Tariff manufactured at the site of construction for use in construction work at such site.
- Excise duty exemption on 'recorded smart cards' and 'recorded proximity cards and tags' to be made optional. Manufacturers have the option to pay the applicable excise duty and avail the credit of duty paid on inputs.
- EVA compound manufactured on job work for further use in manufacture of footwear to be exempted from excise duty.

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- Benefit of SSI exemption scheme to be extended to printed laminated rolls bearing the brand name of others by excluding this item from the purview of the brand name restriction.
- On packaged or canned software, excise duty exemption to be provided on the portion of the value which represents the consideration for transfer of the right to use such software, subject to specified conditions.
- Excise duty on branded articles of jewellery to be reduced from 2% to Nil.

2.3.4.3 Service Tax

Service Tax to be imposed on the following services:

- Service provided in relation to transport of goods by rail
- Service provided in relation to transport of coastal cargo; and goods through inland water including National Waterways
- Advice, consultancy or technical assistance provided in the field of law (this tax would not be applicable in case the service provider or service receiver is an individual).
- Cosmetic and plastic surgery service
- Exemption from service tax being provided to inter-State or intra-State transportation of passengers in a vehicle bearing 'Contract Carriage Permit' with specified conditions.
- Exemption from service tax (leviable under Banking and other financial services or under Foreign exchange broking service) being provided to inter-bank purchase and sale of foreign currency between scheduled banks.
- Two taxable services, namely, 'Transport of goods through road' and 'Commission paid to foreign agents' to be exempted from the levy of service tax, if the exporter is liable to pay service tax on reverse charge basis. However, present cap of 10% on commission agency charges is retained. Thus there would be no need for the exporter to first pay the tax and later claim refund in respect of these services.
- For other services received by exporters, service tax exemption to be operated through the existing refund mechanism based on self-certification of the documents where such refund is below 0.25 per cent of FOB value, and certification of documents by a Chartered Accountant for value of refund exceeding the above limit.
- Export Promotion Councils and the Federation of Indian Export Organizations (FIEO) to be exempt from service tax on the membership and other fees collected by them till 31st March 2010. Tax proposals on direct taxes to be revenue neutral. On indirect taxes, estimated net gain to be Rs.2,000 crore for a full year.

Source: Compiled by Office of Economic Adviser, Department of Industrial Policy and Promotion, Ministry of Commerce & Industry.

2.4 FOREIGN DIRECT INVESTMENT

The role of Foreign Direct Investment (FDI) in the upgradation of technology, skills and managerial capabilities is now well accepted. Additional investments, over and above investments possible with the available domestic resources, assist in providing much needed employment opportunities.

2.4.1 FDI Policy

Government has put in place a liberal and investor-friendly policy for FDI under which FDI, upto 100%, is permitted on the automatic route, in all sectors/activities, except the following:

(i) Where more than 24% foreign equity is proposed to be inducted for manufacture of items reserved for small-scale sector;

(ii) Proposals where the foreign investor has an existing joint venture/ technical collaboration/ trademark agreement in the 'same' field of activity and attracts the provision of Press Note 1 (2005 Series).

2.4.2 FDI is prohibited only in the following activities:

Retail trading (except Single Brand product retailing); Atomic Energy; Lottery Business; Gambling & Betting; Business of Chit Fund; Nidhi company; Trading in Transferable Development Rights (TDRs) and any activities/sectors not open to private sector investment.

Major Policy Initiatives (during 2008-09)

2.4.3 FDI Policy for Credit Information Companies (CICs);

Foreign investment, i.e. FDI+FII, is allowed up to 49%, with prior approval of the Government and regulatory clearance from RBI. FII investment has been permitted up to 24% only in the CICs listed at the Stock Exchanges, within the overall limit of 49% for foreign investment. Such FII investment has been permitted subject to the conditions that:

a. No single entity is to directly or indirectly hold more than 10% equity;
b. Any acquisition in excess of 1% is to be reported to RBI as a reporting requirement; and
c. FIIs investing in CICs are not to seek a representation on the Board of Directors based upon their shareholding.

2..4.5 FDI Policy for Commodity Exchanges:

Keeping in view the policy on foreign investment in infrastructure companies in the securities markets and the special characteristics of the commodity futures market the Government of India has allowed foreign investment in Commodity Exchanges as under:

a. Foreign investment has been allowed through a composite ceiling i.e. FDI+FII, of 49%, with FII investment limited to 23% and FDI limited to 26%.
b. FDI will be allowed with prior approval of the Government;
c. FII purchases are to be restricted to the secondary market only; and
d. No single entity is to hold more than 5% of the equity in these companies.

2.4.6 FDI Policy for Industrial Parks:

Government has allowed the following qualifying conditions for FDI up to 100% under the automatic route, both in setting up and in established industrial parks:

(i) 'Industrial park' is a project in which quality infrastructure facilities in the form of plots of developed land or built up space or a combination with common facilities, is developed and made available to all the allottee units for the purpose of industrial activity.

(ii) Industrial activity permitted in the area designated as an 'industrial park' would be Manufacturing, Electricity, Gas and water supply, Post and telecommunication, Software publishing, Consultancy and supply, Data processing, Database activities and distribution of electronic content, other computer related activities, Research and experimental development on natural sciences and engineering, Business and management consultancy activities and Architectural, engineering and other technical activities.

(iii) The Industrial Park would, in addition, have the following features;

(a) It would comprise of a minimum of 10 units and no single unit shall occupy more than 50% of the allocable area;
(b) The minimum percentage of the area to be allocated for industrial activities shall not be less than 66% of the total allocable area.

2.4.7 FDI Policy for Civil Aviation:

Government has allowed the following:

(a) No foreign airlines would be allowed to participate directly or indirectly in the equity of an Air Service Undertaking engaged in operating scheduled, non-scheduled and Chartered Airlines. They would be allowed to participate in the equity of companies operating cargo airlines, helicopter and seaplane services.
(b) FDI up to 49% and investment by Non- resident Indians (NRIs) up to 100% has been allowed on the automatic route in the Domestic Scheduled Passenger Airlines Sector;

(c) FDI up to 74% and investment by Non-resident Indians (NRIs) up to 100% has been allowed on the automatic route in Non Scheduled airlines, Chartered airlines, and Cargo airlines;
(d) FDI up to 74% and investment by NRIs up to 100% has been allowed on the automatic route in Ground Handling Services; and
(e) FDI up to 100% has been allowed on the automatic route in Maintenance and Repair oraganisations, flying training institutes, technical training, and helicopter services/seaplane services.

2.4.8 FDI Policy in Petroleum & Natural Gas Sector:

The policy earlier permitted FDI up to 26% under the Foreign Investment Promotion Board (FIPB) route in case of Public Sector refining while FDI up to 100% was permitted on the automatic route in Private sector refineries. Government has deleted the condition of compulsory divestment of up 26% equity within 5 years for actual trading and marketing of petroleum products.

Government has allowed FDI up to 49%, with prior approval of FIPB, in petroleum refining by PSUs, without involving any divestment or dilution of domestic equity in the existing PSUs.

2.4.9 FDI Policy for Titanium bearing minerals & Ores:

Government has allowed FDI upto 100% with prior approval in Titanium bearing minerals & ores and its value addition, subject to the sectoral regulations and the Mines and Minerals (Development and Regulation) Act, 1957. FDI for separation of titanium bearing minerals & ores will be subject to the following additional conditions:

(i) value additional facilities are to be set up within India along with transfer of technology;
(ii) disposal of tailings during the mineral separation is to be carried out in accordance with regulations framed by the Atomic Energy Regulatory Board.

No FDI is permitted in mining of other atomic minerals.

2.4.10 NRI Investment

The general policy and facilities for FDI are applicable to NRIs as well. In addition, Government has extended some additional facilities to NRIs, which include investment in the real estate and civil aviation sectors up to 100 per cent, besides a liberal investment regime on non-repatriation basis.

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2.4.11 FDI Equity inflows Performance during the Year 2008-09 (upto March, 2009)

FDI equity inflows of Rs.122,919 crore (US$ 27.3 billion) were received, during the financial year 2008-09 (April, 08-March, 09). Only equity component of FDI has been covered in the inflows data. This does not include the reinvested earnings and other components of FDI, which are compiled at the end of the financial year.

Under the extant FDI policy, FDI upto 100% is allowed under the automatic route in most sectors/ activities, except a few, where sectoral equity/entry route restrictions have been retained. FDI, under the automatic route, does not require any approval and only involves intimation to the Reserve Bank of India within 30 days of inward remittances and/or issue of shares to non-residents. As a result, FDI approval statistics do not reflect the investment intentions.

2.4.12 Sector-wise distribution of FDI inflows during 2008-09:

Services sector (financial & non financial) accounts for 23% of the total FDI inflows followed by Computer Hardware/Software (11%), telecommunications (8%), Housing and Real Estes (6%), Construction activities (6%), automobile industries & power sector (4% each), metallurgical industries, Petroleum & Natural Gas (including print media) & chemicals (others than fertilizers) (all the three sectors 3% each). The balance of inflows (27%) was accounted for by other sectors.

2.4.12 Country-wise distribution of FDI inflows:

FDI from Mauritius accounted for 41% of total inflows into the country followed by Singapore with 13%, U.S.A. with 7%, Cyprus with 5%, Netherlands with 3% of the inflows.

2.4.13 Cumulative Inflows from August, 1991 to March, 2009:

- The cumulative equities FDI inflows since 1991 have been Rs. 4, 53,624 crore (US$ 106.5billion).

2.4.14 FDI Promotion Initiatives:

Several steps have been initiated to facilitate increased FDI inflows which include, inter-alia, the following:

(a) On the policy front, while the extant FDI policy is already very liberal, it is being further progressively rationalized.

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(b) On the investment promotion front, the Department organizes 'Destination India' and 'Invest India' events in association with CII and FICCI.

(c) DIPP has been taking concerted efforts for improving the business environment in the country. The business reforms aimed at improving the business environment include setting up of single windows, online registrations, computerization of information, simplification of taxes and payments, reduction of documents through developing single forms for various licenses/permissions, reduction of inspections etc.

(d) As a step towards promoting online single window at national level for the business users, the Department has undertaken the e-Biz project, which is one of Mission Mode Projects) (MMPs) under the National e-Governance Plan (NeGP). The objective of setting up of the e-Biz Portal is to provide a number of services to business users covering the entire life cycle on their operation. The project aims at enhancing India's business competitiveness through a service oriented, event-driven G2B interaction.

(e) National Manufacturing Competitive Council (NMCC) has been set up to provide a continuing forum for policy dialogue to energise and sustain the growth of manufacturing industries.

(f) The Department has regular interaction with foreign investors. Such interactions have been held in bilateral/ regional/ international meets such as Indo-ASEAN, Indo-EU, Indo-Japan etc. Meetings with individual investors were also held on a regular basis.

(g) The Department's website (www.dipp.nic.in) has been made both comprehensive and informative with an online chat facility. About 4500 investment related queries were replied during the year.

The positive efforts of the Government to improve the investment climate, including sustained improvement on infrastructure front, have led to renewed optimism about India as an emerging investment destination. Some of the independent assessment in this regard includes:

(a) In UNCTAD's "Prospects for Foreign Direct Investment and strategies of Transnational Corporations 2005-2008", India has been ranked second, ahead up US (third), as the most attractive business location.

(b) A.T. Kearney's "FDI Confidence Index 2007" places India at second place.

(c) India continues to be the most attractive location for 'off shoring' of service activities, according to A.T. Kearney's Annual Survey.

2..4.15 Financial year-wise FDI inflows:

Table – 2.4
Financial Year-wise FDI inflows

Year (April-March)	Amount of FDI Inflows (Rs. Crore)
1991-92(Aug.-March.)	409
1992-93	1094
1993-94	2018
1994-95	4312
1995-96	6916
1996-97	9654
1997-98	13548
1998-99	12343
1999-2000	10311
2000-01	12645
2001-02	19361
2002-03	14932
2003-04	12117
2004-05	17138
2005-06	24613
2006-07	70630
2007-08	98664
2008-09	122919
Grand Total	**453624**

2.4.16 Prospects

The advantage of India as an investment destination rests on strong fundamentals, which include a large and growing market; world-class scientific, technical and managerial manpower; cost effective and highly skilled labour; abundant natural resources; a large English speaking population; independent judiciary, etc. This is now recognised by a number of global investors who have either already established a base in India or are in the process of doing so. On going initiatives, such as further simplification of rules & regulations and improvement in infrastructure are expected to provide necessary impetus to increase FDI Inflows in future.

The inflows of FDI would depend on domestic economic conditions, world economic trends, and strategies of global investors. The Government, on its part is fully committed to creating strong economic fundamentals and an increasingly proactive FDI policy regime.

Source: Department of Industrial Policy and Promotion, Ministry of Commerce & Industry.

2.5 HIGHLIGHTS OF FOREIGN TRADE POLICY (FTP) 2009-2014

2.5.1 Higher Support for Market and Product Diversification

- Incentive schemes under Chapter 3 of the FTP have been expanded by way of addition of new products and markets.
- 26 new markets have been added under Focus Market Scheme (FMS). These include 16 new markets in Latin America and 10 in Asia-Oceania.
- The incentive available under Focus Market Scheme (FMS) has been raised from 2.5% to 3%.
- The incentive available under Focus Product Scheme (FPS) has been raised from 1.25% to 2%.
- A large number of products from various sectors have been included for benefits under FPS. These include, Engineering products (agricultural machinery, parts of trailers, sewing machines, hand tools, garden tools, musical instruments, clocks and watches, railway locomotives etc.), Plastic (value added products), Jute and Sisal products, Technical Textiles, Green Technology products (wind mills, wind turbines, electric operated vehicles etc.), Project goods, vegetable textiles and certain Electronic items.
- Market Linked Focus Product Scheme (MLFPS) has been greatly expanded by inclusion of products classified under as many as 153 ITC(HS) Codes at 4 digit level. Some major products include- Pharmaceuticals, Synthetic textile fabrics, value added rubber products, value added plastic goods, textile made ups, knitted and crocheted fabrics, glass products, certain iron and steel products and certain articles of aluminum among others. Benefits to these products will be provided, if exports are made to 13 identified markets (Algeria, Egypt, Kenya, Nigeria, South Africa, Tanzania, Brazil, Mexico, Ukraine, Vietnam, Cambodia, Australia and New Zealand).
- MLFPS benefits also extended for export to additional new markets for certain products. These products include auto components, motor cars, bicycle and its parts, and apparels among others.
- A common simplified application form has been introduced for taking benefits under FPS, FMS, MLFPS and Vishesh Krishi and Gram Udyog Yojna (VKGUY).
- Higher allocation for Market Development Assistance (MDA) and Market Access Initiative (MAI) schemes is being provided.

2.5.2 Technological Upgradation

To encourage technological upgradation in our export sector, Export Promotion Credit Guarantee (EPCG) Scheme at Zero Duty has been introduced. This Scheme will be available for engineering & electronic products, basic chemicals & pharmaceuticals, apparels & textiles, plastics, handicrafts, chemicals & allied products and leather & leather products (subject to exclusions of current beneficiaries under Technological Upgradation Fund Schemes (TUFS), administered by Ministry of Textiles and beneficiaries of Status Holder Incentive Scheme in that particular year). The scheme shall be in operation till 31.3.2011. Jaipur, Srinagar and Anantnag have been recognised as 'Towns of Export Excellence' for handicrafts. Kanpur, Dewas and Ambur have been recognised as 'Towns of Export Excellence' for leather products and Malihabad for horticultural products.

HIGHLIGHTS OF FOREIGN TRADE POLICY (FTP) 2009-2014

2.5.3 EPCG Scheme Relaxations

- To increase the life of existing plant and machinery, export obligation on import of spares, moulds etc. under EPCG Scheme has been reduced to 50% of the normal specific export obligation.
- Taking into account the decline in exports, the facility of Re-fixation of Annual Average Export Obligation for a particular financial year in which there is decline in exports from the country, has been extended for the 5 year Policy period 2009-14.

2.5.4 Support for Green products and products from North East

- Focus Product Scheme benefit has been extended for export of 'green products', and for exports of some products originating from the North East.

2.56 Status Holders

- To accelerate exports and encourage technological upgradation, additional Duty Credit Scrips shall be given to Status Holders @ 1% of the FOB value of past exports. The duty credit scrips can be used for procurement of capital goods with Actual User condition. This facility shall be available for sectors of leather (excluding finished leather), textiles and jute, handicrafts, engineering (excluding Iron & steel & non-ferrous metals in primary and intermediate form, automobiles & two wheelers, nuclear reactors & parts, and ships, boats and floating structures), plastics and basic chemicals (excluding pharma products) [subject to exclusions of current beneficiaries under Technological Upgradation Fund Schemes (TUFS)]. This facility shall be available upto 31.3.2011.
- Transferability for the Duty Credit scrips being issued to Status Holders under paragraph 3.8.6 of FTP under VKGUY Scheme has been permitted. This is subject to the condition that transfer would be only to Status Holders and Scrips would be utilized for the procurement of Cold Chain equipment(s) only.

2.5.6 Stability/ continuity of the Foreign Trade Policy

- To impart stability to the Policy regime, Duty Entitlement Passbook (DEPB) Scheme is extended beyond 31-12- 2009 till 31.12.2010.
- Interest subvention of 2% for pre-shipment credit for 7 specified sectors has been extended till 31.3.2010 in the Budget 2009-10.
- Income Tax exemption to 100% Export Oriented Units (EOUs) and to Software Technology Parks of India (STPI) units under Section 10B and 10A of Income Tax Act, has been extended for the financial year 2010-11 in the Budget 2009-10.
- The adjustment assistance scheme initiated in December, 2008 to provide enhanced Export Credit Guarantee Corporation (ECGC) cover at 95%, to the adversely affected sectors, is continued till March, 2010.

HIGHLIGHTS OF FOREIGN TRADE POLICY (FTP) 2009-2014

2.5.7 Marine sector

- Fisheries have been included in the sectors which are exempted from maintenance of average Export Obligation (EO) under Export Promotion of Capital Goods (EPCG) Scheme, subject to the condition that Fishing Trawlers, boats, ships and other similar items shall not be allowed to be imported under this provision. This would provide a fillip to the marine sector which has been affected by the present downturn in exports.
- Additional flexibility under Target Plus Scheme (TPS) / Duty Free Certificate of Entitlement (DFCE) Scheme for Status Holders has been given to Marine sector.

2.5.8 Gems & Jewellery Sector

- To neutralize duty incidence on gold Jewellery exports, it has now been decided to allow Duty Drawback on such exports.
- In an endeavour to make India a diamond international trading hub, it is planned to establish "Diamond Bourse (s)".
- A new facility to allow import on consignment basis of cut & polished diamonds for the purpose of grading/ certification purposes has been introduced.
- To promote export of Gems & Jewellery products, the value limit of personal carriage has been increased from US$ 2 million to US$ 5 million in case of participation in overseas exhibitions. The limit in case of personal carriage, as samples, for export promotion tours, has also been increased from US$ 0.1 million to US$ 1 million.

2.5.9 Agriculture Sector

- To reduce transaction and handling costs, a single window system to facilitate export of perishable agricultural produce has been introduced. The system will involve creation of multi-functional nodal agencies to be accredited by Agricultural & Processed Food Products Export Development Authority (APEDA).

2.5.10 Leather Sector

- Leather sector shall be allowed re-export of unsold imported raw hides and skins and semi finished leather from public bonded ware houses, subject to payment of 50% of the applicable export duty.
- Enhancement of FPS rate to 2%, would also significantly benefit the leather sector.

2.5.11 Tea

- Minimum value addition under advance authorization scheme for export of tea has been reduced from the existing 100% to 50%.
- Domestic Tariff Area (DTA) sale limit of instant tea by EOU units has been increased from the existing 30% to 50%.
- Export of tea has been covered under VKGUY Scheme benefits.

HIGHLIGHTS OF FOREIGN TRADE POLICY (FTP) 2009-2014

2.5.12 Pharmaceutical Sector

- Export Obligation Period for advance authorizations issued with 6-APA as input has been increased from the existing 6 months to 36 months, as is available for other products.
- Pharma sector has been extensively covered under MLFPS for countries in Africa and Latin America; some countries in Oceania and Far East.

2.5.13 Handloom Sector

- To simplify claims under FPS, requirement of 'Handloom Mark' for availing benefits under FPS has been removed.

2.5.14 Export Oriented Units (EOUs)

- EOUs have been allowed to sell products manufactured by them in Domestic Tariff Area (DTA) upto a limit of 90% instead of existing 75%, without changing the criteria of 'similar goods', within the overall entitlement of 50% for DTA sale.
- To provide clarity to the customs field formations, DOR shall issue a clarification to enable procurement of spares beyond 5% by granite sector EOUs. EOUs will now be allowed to procure finished goods for consolidation along with their manufactured goods, subject to certain safeguards.
- During the period of downturn, Board of Approvals (BOA) to consider, extension of block period by one year for calculation of Net Foreign Exchange earning of EOUs.
- EOUs will now be allowed CENVAT Credit facility for the component of Special Additional Duty (SAD) and Education Cess on DTA sale.

2.5.15 Thrust to Value Added Manufacturing

- To encourage Value Added Manufactured export, a minimum 15% value addition on imported inputs under Advance Authorization Scheme has now been prescribed.
- Coverage of Project Exports and a large number of manufactured goods under FPS and MLFPS.

2.5.16 Duty Entitlement Passbook (DEPB)

- DEPB rate shall also include factoring of custom duty component on fuel where fuel is allowed as a consumable in Standard Input-Output Norms.

2.5.17 Flexibility provided to exporters

- Payment of customs duty for Export Obligation (EO) shortfall under Advance Authorisation/ Duty Free Import authorization (DFIA) / EPCG Authorisation has been allowed by way of debit of Duty Credit scrips. Earlier the payment was allowed in cash only.
- Import of restricted items, as replenishment, shall now be allowed against transferred DFIAs, in line with the erstwhile Duty Free Replenishment Certificate (DFRC) scheme.
- Time limit of 60 days for re-import of exported gems and jewellery items, for participation in exhibitions has been extended to 90 days in case of USA.

HIGHLIGHTS OF FOREIGN TRADE POLICY (FTP) 2009-2014

- Transit loss claims received from private approved insurance companies in India will now be allowed for the purpose of EO fulfillment under Export Promotion schemes. At present, the facility has been limited to public sector general insurance companies only.

2.5.18 Waiver of Incentives Recovery - RBI Specific Write off

- In cases, where RBI specifically writes off the export proceeds realization, the incentives under the FTP shall now not be recovered from the exporters subject to certain conditions.

2.5.19 Simplification of Procedures

- To facilitate duty free import of samples by exporters, number of samples/pieces has been increased from the existing 15 to 50. Customs clearance of such samples shall be based on declarations given by the importers with regard to the limit of value and quantity of samples.
- Exemption up to two stages from payment of excise duty in lieu of refund has been allowed in case of supply to an advance authorisation holder (against invalidation letter) by the domestic intermediate manufacturer. It would allow exemption for supplies made to a manufacturer, if such manufacturer in turn supplies the products to an ultimate exporter. At present, exemption is allowed upto one stage only.
- Greater flexibility has been permitted to allow conversion of Shipping Bills from one Export Promotion scheme to other scheme. Customs shall now permit this conversion within three months, instead of the present limited period of only one month.
- To reduce transaction costs, dispatch of imported goods directly from the Port to the site has been allowed under Advance Authorisation scheme for deemed supplies. At present, the duty free imported goods could be taken only to the manufacturing unit of the authorisation holder or its supporting manufacturer.
- Disposal of manufacturing wastes / scrap will now be allowed after payment of applicable excise duty, even before fulfillment of export obligation under Advance Authorisation and EPCG Scheme.
- Regional Authorities have now been authorised to issue licences for import of sports weapons by ‘renowned shooters’, on the basis of NOC from the Ministry of Sports & Youth Affairs. Now there will be no need to approach DGFT(Hqrs.) in such cases.
- The procedure for issue of Free Sale Certificate has been simplified and the validity of the Certificate has been increased from 1 year to 2 years. This will solve the problems faced by the medical devices industry.
- Automobile industry, having their own R&D establishment, would be allowed free import of reference fuels (petrol and diesel), upto a maximum of 5 KL per annum, which are not manufactured in India.
- Acceding to the demand of trade & industry, the application and redemption forms under EPCG scheme have been simplified.

HIGHLIGHTS OF FOREIGN TRADE POLICY (FTP) 2009-2014

2.5.20 Reduction of Transaction Costs

- No fee shall now be charged for grant of incentives under the Schemes in Chapter 3 of FTP. Further, for all other Authorisations/licence applications, maximum applicable fee is being reduced to Rs. 100,000 from the existing Rs 1,50,000 (for manual applications) and Rs. 50,000 from the existing Rs.75,000 (for Electronic Data Interchange applications).
- To further EDI initiatives, Export Promotion Councils/ Commodity Boards have been advised to issue Registration – Cum – Membership Certificate (RCMC) through a web based online system by the end of 2009.
- Electronic Message Exchange between Customs and DGFT in respect of incentive schemes under Chapter 3 was to be made operational by 31.12.2009 so as to obviate the need for verification of scrips by Customs facilitating faster clearances.
- For EDI ports, with effect from December '09, double verification of shipping bills by customs for any of the DGFT schemes shall be dispensed with.
- In cases, where the earlier authorization has been cancelled and a new authorization has been issued in lieu of the earlier authorization, application fee paid already for the cancelled authorisation will now be adjusted against the application fee for the new authorisation subject to payment of minimum fee of Rs. 200.
- An Inter Ministerial Committee will be formed to redress/ resolve problems/issues of exporters.
- An updated compilation of Standard Input Output Norms (SION) and ITC (HS) Classification of Export and Import Items has been published.

2.5.21 Directorate of Trade Remedy Measures

- To enable support to Indian industry and exporters, especially the MSMEs, in availing their rights through trade remedy instruments, a Directorate of Trade Remedy Measures shall be set up.

Source: DGFT, Department of Commerce, Ministry of Commerce & Industry.

2.5.22 REDUCTION IN INDIA's CUSTOM TARIFF RATES:

India's customs tariff rates have been steadily declining during post reforms period. As per announcements made in union Budget Proposals, the customs tariff rate in 2005-06 was 15 per cent as against 150 percent in 1991-92. This has further been reduced to 10% in 2008-09. Year-wise custom-tariff rates since 1991-92 to 2008-09 may be seen in the table 2.5.

Table 2.5 Change in Customs Tariff Rates (1991-92 to 2008-09)

Year	Tariff Rate (%)	Remarks
1991-92	150	Basic plus auxiliary duties to a maximum of 150%. Tariff peaks above 150% eliminated except for alcoholic beverages and passenger baggage.
1992-93	110	Basic + Auxiliary rates to a maximum of 110 % except alcoholic beverages and passenger baggage.
1993-94	85	Excepting the above two
1994-95	65	Excepting the above two
1995-96	50	
1996-97	50	
1997-98	40	
1998-99	(40)	
1999-00	(40)	
2000-01	(35)	Economic Survey 2000-01 stated that after a gap of 3 years, peak customs tariff rate was scaled down from 40% to 35%
2001-02	(35)	
2002-03	30	Peak rate reduced from 35% to 30%
2003-04	25	Excluding agriculture and dairy products. Peak rate reduced to 20% in January 2004.
2004-05	20	Peak rate lowered for non-agriculture goods.
2005-06	15	Peak rate lowered for non-agriculture goods.
2006-07	12.5	Peak rate lowered for non-agriculture goods.
2007-08	10.0	Peak rate lowered for non-agriculture goods.
2008-09	10.0	Peak rate lowered for non-agriculture goods.

Source : Various Budget Documents (Data compiled by the Office of the Economic Adviser)

2.6 HIGHLIGHTS OF CAPITAL MARKET REFORMS 2008-09

2.6.1 PRIMARY SECURITIES MARKET

A developed primary market is crucial for resource mobilisation by corporates to meet their growth and expansion plans. Indian primary market witnessed high activity in terms of resource mobilisation and a number of issues during 2007-08, but the same pace could not be maintained during 2008-09. In view of the meltdown in equity markets, fewer companies entered the primary market and investors' response to public issues in 2008-09 was tepid compared to 2007-08. However, the ongoing reforms in the primary market helped in maintaining the investors' confidence.

Following are the major policy initiatives taken by SEBI relating to the Primary Market during 2008-09:

2.6.1.1 Introduction of 'Applications Supported by Blocked Amount' (ASBA)

SEBI introduced a new mode of payment in public issues through book building namely "Applications Supported by Blocked Amount", wherein the application money remains blocked in the bank account of the applicant names till allotment of the public issue. This process is supplementary to the existing process of applying for public issues and was enabled in Rights issues on a pilot basis.

2.6.1.2 Eligibility of Shares for Promoters' Contribution and Offer for Sale

SEBI (DIP) Guidelines were amended to include such shares as eligible shares for offer for sale and for inclusion in the promoters' contribution which were acquired pursuant to a restructuring exercise approved by High Court(s), in lieu of business and invested capital which had been in existence for a period of more than one year prior to the restructuring exercise.

2.6.1.3 Reduction in Timelines for Rights Issue

Timelines for rights issues were reduced, starting from the notice period required for calling a board meeting of the issuer to consider the rights issue upto the period stipulated for completion of allotment and commencement of listing and trading of the shares so issued.

2.6.1.4 Extension of Validity Period of SEBI Observations

The validity period of the observations issued by SEBI on draft offer documents filed for public/rights issues was enhanced from the existing period of three months to twelve months.

2.6.1.5 Announcement of Price Band before Initial Public Offer Opens

Issuers making an initial public offer were permitted to announce the floor price or price band at least before two working days of the issue opening date subject to fulfillment of certain disclosure requirements.

2.6.1.6 Policy on relaxation from strict enforcement of Rule 19(2)(b) of the Securities Contracts (Regulation) Rules, 1957 (SCRR)

The SEBI (DIP) Guidelines were amended to provide for considering relaxation from strict enforcement of requirements of rule 19(2)(b) of SC(R)R in case of proposal by a listed issuer for listing of the securities such as: (i) equity shares with differential rights as to dividend, voting or otherwise, offered through rights or bonus issue and (ii) warrants issued along with Non- Convertible Debentures through Qualified Institutions Placement.

2.6.1.7 Lock-in on Shares after Exercise of Warrants Issued on Preferential Basis

Shares allotted pursuant to exercise of warrants shall be subject to lock-in period of one year or three years, as the case may be, from the date of allotment of such shares.

HIGHLIGHTS OF CAPITAL MARKET REFORMS 2008-09

2.6.1.8 Enhancement of Upfront Margin Payment on Allotment of Warrants Issued on Preferential Basis

The upfront amount payable by allottees for the allotment of warrants on preferential basis has been increased from 10 per cent to 25 per cent of the price fixed.

2.6.1.9 Non-applicability of Certain Provisions of Preferential Issue Guidelines

The guidelines on preferential issues were amended to provide that an issuer, which has been granted relaxation by SEBI in terms of regulation 29A of the SEBI (Substantial Acquisitions of Shares and Takeovers) Regulations, 1997, shall be exempted from certain provisions of preferential issue guidelines i.e. pricing, certificate from statutory auditors etc, subject to the condition that in the explanatory statement to the notice for the general meeting of the shareholders to consider the preferential issue, the issuer gives adequate disclosures about the details of the plan including the process proposed to be followed by it for identification of the allottees, in addition to the disclosures required in other applicable laws.

2.6.1.10 Eligibility for Making Qualified Institutions Placement (QIP)

In order to enable companies, which have been listed during the preceding one year pursuant to High Court approved scheme(s) of merger/ demerger/ arrangement entered into by such companies with companies which have been listed for more than one year, to raise funds through QIP route, the eligibility criteria of minimum one year of listing was changed to provide that for the purpose of fulfilment of the said eligibility criteria, such companies may take into account the listing history of the listed companies with which they have entered into the approved scheme(s) of merger/ demerger/ arrangement.

2.6.1.11 Pricing Norms for QIP

The pricing guidelines for QIP were modified by bringing the issue price of the securities offered closer to their market price through change in the floor price formula and definition of relevant date in the guidelines. It was decided that pricing in QIP would be based on the two weeks' average.

2.6.1.12 Issuance of Non-convertible Debentures with Warrants through QIP

The guidelines for QIP were amended to enable a listed company to make a combined offering of Non-Convertible Debentures (NCD) with warrants to Qualified Institutional Buyers (QIB).

2.6.1.13 Reduction in Timelines for Completion of Bonus Issues

The timeline for completion of bonus issues has been reduced from a maximum period of six months from the date of approval of the issue by the Board of Directors of the listed company to a maximum of 15 days where no shareholders' approval is required. In case of listed companies where shareholders' approval is required for capitalization of profits or reserves, the timeline had been reduced to a maximum of 60 days from the date of meeting of Board of Directors wherein bonus was announced subject to shareholders' approval.

2.6.1.14 Eligibility of Nominee Directors for Employee Stock Option Scheme

The SEBI (Employee Stock Option Scheme & Employee Share Purchase Scheme) Guidelines were also amended to provide that a director, nominated by an institution as its representative on the Board of Directors of a company, is eligible to participate in the employee stock option scheme of the company, if the contract / agreement entered into between the nominating institution and the director so appointed specifically provides for acceptance of the employee stock option scheme of the company by such director and a copy thereof is filed with the company.

HIGHLIGHTS OF CAPITAL MARKET REFORMS 2008-09

2.6.1.15 Accounting Treatment for Options Granted under Graded Vesting in Employee Stock Option Scheme

The SEBI (Employee Stock Option Scheme & Employee Share Purchase Scheme) Guidelines were amended to bring the accounting treatment prescribed by SEBI, for options granted under graded vesting in an employee stock option scheme, in line with the accounting treatment provided by Institute of Chartered Accountants of India in this regard.

2.6.1.16 Amendment in Provisions Pertaining to Corporate Governance

To enhance the standards of corporate governance in listed entities, certain amendments were carried out in Clause 49 of the listing agreement.

2.6.1.17 'Fairness Opinion" of Independent Merchant Banker' in Schemes of Arrangement

Clause 24 of the Listing Agreement had been amended to provide that a listed company as well as an unlisted company which are getting merged under a scheme of arrangement under section 391-394 of the Companies Act shall be required to appoint an independent merchant banker for giving a fairness opinion on the valuation done by valuers.

2.6.1.18 Provisions Pertaining to Quarterly Submission of Financial Reports by Listed Companies to Stock Exchange

Clause 41 had been amended to extend time limit for submission of consolidated financial results, from one month to two months from the end of the quarter, among others.

2.6.1.19 Disclosure of Pledged Shares by Promoters/Promoter Group in Listed Companies

Clause 35 and clause 41 of the Listing Agreement were amended to provide for disclosure of details of shares held by promoters and promoter group entities in listed companies which are pledged or otherwise encumbered.

2.6.1.20 Collateral Deposited by Clients with Brokers

Stock brokers were advised to have adequate systems and procedures in place to ensure that client collateral is not used for any other purposes other than meeting the client's margin requirements/ pay-ins.

2.6.2 SECONDARY SECURITY MARKET

2.6.2.1 Short Selling and Securities Lending and Borrowing Scheme (SLB)

The scheme for Securities Lending and Borrowing was reviewed. Key modifications to SLB were: (i) increasing the tenure of SLB, (ii) details of treatment of corporate actions, (iii) extending the duration of SLB session and (iv) allowing margins in SLB to be taken in the form of cash and cash equivalents.

2.6.2.2 Margining of Institutional Trade in the Cash Market

Margining of Institutional trades was made mandatory as a part of comprehensive risk management framework for the cash market. Stock exchanges were advised to permit maintenance of entire margin in the form of approved securities with appropriate haircuts

2.6.2.3 Exit option to Regional Stock Exchanges

Broad guidelines were specified to provide an exit option to Regional Stock Exchanges (RSEs) whose recognition was withdrawn and/or renewal of recognition was refused by SEBI or who would want to surrender their recognition.

HIGHLIGHTS OF CAPITAL MARKET REFORMS 2008-09

2.6.2.4 Introduction of DMA
With a view to increasing liquidity, bringing about greater transparency, lowering impact cost for large orders and reducing risk of error associated with manual execution of client orders, facility of Direct Market Access (DMA) was introduced. To begin with, DMA facility was provided to institutional investors only.

2.6.2.5 Mandatory Requirement of PAN
SEBI exempted investors residing in the state of Sikkim from the mandatory requirement of PAN for their investments in mutual funds. Further, requirement of PAN was relaxed in the case of securities market transactions undertaken on behalf of Central and State Governments and by officials appointed by the Courts such as official liquidator, court receiver etc. (under the category of Government).

2.6.2.6 Amendment to Securities Contracts (Regulation) (Manner of Increasing and Maintaining Public Shareholding in Recognised Stock Exchanges) Regulations
Securities Contracts (Regulation) (Manner of Increasing and Maintaining Public Shareholding in Recognised Stock Exchanges) Regulations, 2006 had been amended to relax the shareholding restrictions in recognised stock exchanges.

2.6.2.7 Governance Structure at NSE and Over the Counter Exchange of India (OTCEI)
NSE and OTCEI were directed to reconstitute its Governing Board, Statutory Committees, etc in line with the provisions stipulated for all other stock exchanges.

2.6.2.8 Annual Systems Audit of Stock Exchanges
SEBI stipulated that exchanges shall get their system audited by a reputed independent auditor on an annual basis.

2.6.2.9 Internal Audit for Stock Brokers/Trading Members/Clearing Member
Stock exchanges were advised to direct their stock brokers/trading members/clearing members to carry out complete internal audit on a half- yearly basis by chartered accountants, company secretaries or cost and management accountants who are in practice and who do not have any conflict of interest**.**

2.6.2.10 In-person Verification of Clients by their Stock Brokers
Stock exchanges were advised to direct their stock brokers to ensure 'in-person' verification by the stock broker's staff only while registering the clients and that this function is not outsourced**.**

2.6.3 CORPORATE DEBT MARKET

In order to develop a sound corporate debt market in India, a number of policy initiatives were taken with respect to the following areas:

(i) notification of Issue and Listing of Debt Securities Regulations,

(ii) do Public Offer and Listing of Securitized Debt Instruments Regulations, and

(iii) is in the process of issuing a simplified listing agreement for debt securities.

HIGHLIGHTS OF CAPITAL MARKET REFORMS 2008-09

2.6.4 MUTUAL FUNDS

2.6.4.1 Overseas Investments by Mutual Funds
In consultation with Government of India and RBI, the aggregate ceiling for overseas investments by mutual funds was raised from USD 5 billion to USD 7 billion.

2.6.4.2 Real Estate Mutual Fund Schemes
The necessary amendments to the SEBI (Mutual Funds) Regulations, 1996 were notified in regard to real estate mutual funds which inter-alia, requires that sponsors seeking to set up new mutual funds, for launching only real estate mutual fund schemes, shall be carrying on business in real estate for a period not less than five years, among others.

2.6.4.3 Simplification of Offer Document and Key Information Memorandum
The offer document and key information memorandum of mutual funds schemes were simplified to make them more users friendly.

2.6.4.4 Parking of Funds in Short Term Deposits of Scheduled Commercial Banks by Mutual Funds – Pending Deployment
It was clarified that guidelines for parking of funds in short term deposits of scheduled commercial banks – pending deployment, shall not apply to term deposits placed as margins for trading in cash and derivatives market.

2.6.4.5 Abridged Scheme-wise Annual Report Format and Periodic Disclosures to the Unit-holders
A new format was prescribed for the abridged scheme-wise annual report prepared by the mutual funds.

2.6.4.6 Valuation of Debt Securities by Mutual Funds
With a view to ensuring that the value of debt securities reflected the actual market scenario in calculation of net asset value, it was decided to increase the permitted discretion of -50 basis points (bps) to +100 bps given to fund managers.

2.6.4.7 Applicability of Net Asset Value (NAV) for Income/ Debt oriented Mutual Fund scheme(s)/ plan(s) (other than Liquid Fund Schemes)
In respect of purchase of units in income/ debt oriented schemes (other than liquid fund schemes and plans) with amount equal to or more than Rs. 1 crore, irrespective of the time of receipt of application, it was prescribed that the closing NAV of the day on which the funds are available for utilization, shall be applicable.

2.6.4.8 Review of Provisions Relating to Close Ended Schemes
With a view to further strengthening the framework for close ended schemes, launched on or after December 12, 2008 (except Equity Linked Savings Schemes), listing of units along with daily computation of NAV and its publication, was made mandatory.

2.6.4.9 Portfolio of "Liquid Schemes"
The tenure of securities held in the portfolio of liquid schemes from the requirement of one year was reduced.

HIGHLIGHTS OF CAPITAL MARKET REFORMS 2008-09

2.6.4.10 Indicative Portfolios and Yields in Mutual Fund Schemes
The practice of mutual funds offering indicative portfolios and indicative yields in their debt /fixed income products was misleading to the investors and hence it was decided that no mutual fund should offer any indicative portfolio and indicative yield.

2.6.4.11 Portfolio Format for Debt Oriented Close-ended and Interval Schemes/Plans
It was decided that asset management companies shall disclose the portfolio of debt oriented close-ended and interval schemes/plans in the format prescribed by SEBI, on a monthly basis on their respective websites.

2.6.4.12 Filing and Registration Fees
Amendments had been made to SEBI (Mutual Fund) Regulations, 1996 to revise the filing and registration fees.

2.6.4.13 Monthly Cumulative Report (MCR) revised
In consultation with AMFI, SEBI had revised the format of the MCR to bring uniformity in calculation of the Net Assets Under Management (NAUM) and Average Net Assets Under Management (AAUM). Data on interval schemes and Overseas Fund of Funds were also included in MCR.

2.6.5 FOREIGN INSTITUTIONAL INVESTORS (FIIs)

2.6.5.1 Restriction and Relaxation on Issuance of Participatory Notes (P-N)
In October 2007, it was decided to put quantitative restrictions on the quantum of PN issuance by the FIIs. Subsequently, the quantitative restrictions imposed on the ODI issuance capabilities and the restrictions on ODI on derivatives were removed w.e.f. October 07, 2008.

2.6.5.2 Disapproval of lending/borrowing activity abroad by FIIs
It was decided to disapprove the activity of the FIIs which had the effect of lending of shares abroad in an over the counter market.

2.6.5.3 Enhancement of Debt Investment Limits for FIIs
The investment limit for FIIs was enhanced from USD 3.2 billion to USD 5 billion for Government Securities (including Treasury Bills) and from USD 1.5 billion to USD 15 billion for Corporate Debt during 2008-09.

2.6.5.4 Changes made in the Methodology for Allocation of Debt Investment Limit
An auction based methodology was introduced for allocation of debt investment limit where the registered FIIs/sub accounts could bid through their trading members for getting the debt limits.

2.6.5.5 Efficient Allocation of Debt–Equity in the Portfolio of FIIs
The condition provided in regulation 15(2) of SEBI FII regulations pertaining to restrictions of 70:30 ratio of investment in equity and debt respectively was done away with w.e.f. October 2008.

Source: Securities and Exchange Board of India (SEBI).

2.7 MONETARY AND CREDIT POLICY OPERATIONS 2008-09

Monetary management during 2008-09 had to face the challenges of high inflation in the first half and the high speed and magnitude of the external shock and its spill-over effects through the real, financial and confidence channels, in the second half. Policy initiatives by the Reserve Bank were aimed at providing ample rupee liquidity, ensuring comfortable foreign exchange liquidity and maintaining a market environment conducive to the continued flow of credit at viable rates to productive sectors of the economy. The large government borrowings resulting from the fiscal stimulus, and net capital outflows in the second half of the year warranted simultaneous offsetting operations by the Reserve Bank in different markets, particularly the money market, the government securities market and the foreign exchange market. The flexible use of multiple instruments enabled the Reserve Bank to steer the liquidity and interest rate conditions amidst uncertain global macroeconomic environment.

The stance of monetary policy shifted in phases in response to multiple challenges that emerged during the course of the year in the form of significant changes in both outcome and outlook relating to inflation and growth and stability of financial markets. The policy stance shifted from monetary tightening in response to the inflationary pressures in the first half of 2008-09 to monetary easing in the second half as significant moderation in inflationary pressures created the scope for enhancing the magnitude and speed of response to the weakening growth impulses as well as to occasional disorderly pressures in financial markets. In response to the knock-on effects of the global economic crisis on the Indian economy, the Reserve Bank reduced the CRR by a cumulative 400 basis points to 5.0 per cent of NDTL, the repo rate by 425 basis points to 4.75 per cent and the reverse repo rate by 275 basis points to 3.25 per cent since October 11, 2008 (Table 2.7).

2.7.1 LIQUIDITY MANAGEMENT

Central banks around the world faced complex challenges in the conduct of their liquidity management operations, as the pressure on funding liquidity became unprecedented in the face of significant erosion in market liquidity. Sharp corrections in asset prices affected market liquidity, which had the potential to create insolvency problem for several leading global financial institutions. Moreover, as the liquidity needs of non-banks, ranging from investment banks, insurance companies, housing finance companies, hedge funds to even money market mutual funds increased exponentially, it came to the notice of the central banks that liquidity injected by the central banks to the commercial banks may not reach the non-banks in the face of heightened risk aversion and uncertainties about the soundness of even the most reputed global financial institutions. The global financial crisis not only tested the limits of conventional liquidity management operations of central banks, but also necessitated extensive resort to a range of unconventional measures as it became increasingly evident that to avoid a systemic financial crisis, not only the liquidity needs of “too big to fail” banks have to be met, but even the liquidity needs of “too interconnected to fail” financial institutions (such as Bear Stearns & AIG), must also be met.

Despite no direct exposure of the Indian banks and financial institutions to the failing international institutions or troubled assets, liquidity management operations of the Reserve Bank assumed greater urgency in the face of the knock-on effects of the global financial crisis, which manifested not only as reversals in capital inflows but also adverse market expectations, causing sharp correction in asset prices and pressures on the exchange rate. The Reserve Bank had to swiftly respond to the rapidly evolving macroeconomic conditions. In the initial few months of 2008-09, inflation expectations driven by surge in global commodity prices, dictated a contractionary stance: During following few months, the autonomous pressures on liquidity arising from capital outflows, and drying up of sources of overseas funding necessitated discretionary expansion. In the last few months, the surge in Government’s market borrowings to deal with the slow-down of the economy elicited further accommodating response from the Reserve Bank. Thus, by synchronising the liquidity management operations with those of exchange rate management and non-disruptive internal debt management operations, the Reserve Bank ensured that appropriate liquidity was maintained in the system so that all legitimate requirements of credit were met, particularly for productive purposes, consistent with the objective of price and financial stability. The management of liquidity was through appropriate use of CRR stipulations and open market operations (OMO), including MSS and LAF and a slew of special facilities.

MONETARY AND CREDIT POLICY OPERATIONS 2008-09

2.7.2 CREDIT DELIVERY

Ensuring adequate flow of credit to all productive sectors of the economy without diluting the emphasis on asset quality is one of the objectives of the Reserve Bank. This became all the more important in the wake of the dampening effects of the synchronised global recession on the domestic growth momentum in the second half of 2008-09 and the associated deceleration in credit demand. While announcing a number of measures for sectors which were affected by the global crisis, the Reserve Bank continued with its focus on financial inclusion and financial literacy/credit counselling. Strengthening credit delivery mechanisms to the targetted sections of the population under different schemes has been an important aspect of the Reserve Bank's policy focus in recent years.

In the face of a severe global credit squeeze, credit markets in India continued to function normally. While the global credit markets faced problems on the supply side because of the pressure of forced deleveraging by banks and financial institutions, in India the economic slowdown and the associated contraction in aggregate demand largely affected the credit markets in the second half of 2008-09. Expansion in credit at a reasonable cost, without diluting the credit standards, was seen by the Reserve Bank as essential to promote consumption and investment demand in a slowing economy.

It has been the endeavour of the Reserve Bank to improve credit delivery mechanisms for the small borrowers, particularly for the agriculture and the small enterprises sectors by creating a conducive environment for banks to provide adequate and timely finance at reasonable rates without procedural hassles. In the wake of the crisis in 2008-09, the Reserve Bank took various measures for enhancing the flow of credit to those sectors of the economy, which were more severely hit due to the world-wide recession, and also to the employment-intensive sectors. The Reserve Bank has also been emphasising the role of the financial system in ensuring greater financial inclusion, supporting employment generation in rural and unorganised sectors, and promoting financial literacy and credit counselling.

India's mandated priority sector lending has helped in imparting resilience to the agricultural sector. Even in the wake of the global financial crisis, this lending norm kept the flow of institutional credit to agriculture intact. The farm loan waiver package implemented by the Government also helped the agriculture sector.

Bank credit to small scale industrial (now micro and small enterprises) sector constitutes a major segment of total credit to the non-farm sector. The total credit provided by public sector banks to small enterprises sector as on the last reporting Friday of March 2009 amounted to 26.5 per cent of the total priority sector advances of these banks. Public sector banks have been advised to operationalise at least one specialised SME branch in every district and centre having a cluster of SME units. At end-March 2009, 869 specialised SME bank branches were operationalised by banks.

Recognising the potential of micro finance to positively influence the economic conditions of the poorer sections of the society, the Reserve Bank has been providing a facilitating environment for the development of the micro finance sector in the country. The SHG-bank linkage programme, being implemented by commercial banks, RRBs and co-operative banks, is the major channel for providing micro finance in the country, covering more than 7.01 crore poor households. At end-March 2008, a total of 3.6 million SHGs with a total outstanding bank loan of Rs.17,000 crore were credit linked with the banks. As on March 31, 2008, a total of 5.0 million SHGs were having savings bank accounts with the banking system of which the commercial banks had the maximum share (56.0 per cent) followed by the RRBs (28.0 per cent) and co-operative banks (16.0 per cent).

The export sector confronted not only the challenge of decelerating global demand but also tighter access conditions in the market for trade credit. In response, a number of measures such as interest subvention of 2% for pre and post shipment export credit for labour intensive industries and Micro, Small & Medium enterprises and Government back-up guarantee to Export Credit Guarantee Corporation (ECGC) to the extent of Rs.350 crore etc. were taken to address the concerns relating to trade credit and to give a boost to the export sector.

MONETARY AND CREDIT POLICY OPERATIONS 2008-09

Table 2.7: Movement in Key Policy Rates and Reserve Requirements

(Per cent)

Effective since	Bank Rate	Reverse Repo Rate		Repo Rate		Cash Reserve Ratio		Statutory Liquidity Ratio	
1	2	3		4		5		6	
March 31, 2004	6.00	4.50		6.00		4.50		25	
September 18, 2004	6.00	4.50		6.00		4.75	(+0.25)	25	
October 2, 2004	6.00	4.50		6.00		5.00	(+0.25)	25	
October 27, 2004	6.00	4.75	(+0.25)	6.00		5.00		25	
April 29, 2005	6.00	5.00	(+0.25)	6.00		5.00		25	
October 26, 2005	6.00	5.25	(+0.25)	6.25	(+0.25)	5.00		25	
January 24, 2006	6.00	5.50	(+0.25)	6.50	(+0.25)	5.00		25	
June 9, 2006	6.00	5.75	(+0.25)	6.75	(+0.25)	5.00		25	
July 25, 2006	6.00	6.00	(+0.25)	7.00	(+0.25)	5.00		25	
October 31, 2006	6.00	6.00		7.25	(+0.25)	5.00		25	
December 23, 2006	6.00	6.00		7.25		5.25	(+0.25)	25	
January 6, 2007	6.00	6.00		7.25		5.50	(+0.25)	25	
January 31, 2007	6.00	6.00		7.50	(+0.25)	5.50		25	
February 17, 2007	6.00	6.00		7.50		5.75	(+0.25)	25	
March 3, 2007	6.00	6.00		7.50		6.00	(+0.25)	25	
March 30, 2007	6.00	6.00		7.75	(+0.25)	6.00		25	
April 14, 2007	6.00	6.00		7.75		6.25	(+0.25)	25	
April 28, 2007	6.00	6.00		7.75		6.50	(+0.25)	25	
August 4, 2007	6.00	6.00		7.75		7.00	(+0.50)	25	
November 10, 2007	6.00	6.00		7.75		7.50	(+0.50)	25	
April 26, 2008	6.00	6.00		7.75		7.75	(+0.25)	25	
May 10, 2008	6.00	6.00		7.75		8.00	(+0.25)	25	
May 24, 2008	6.00	6.00		7.75		8.25	(+0.25)	25	
June 11, 2008	6.00	6.00		8.00	(+0.25)	8.25		25	
June 25, 2008	6.00	6.00		8.50	(+0.50)	8.25		25	
July 5, 2008	6.00	6.00		8.50		8.50	(+0.25)	25	
July 19, 2008	6.00	6.00		8.50		8.75	(+0.25)	25	
July 30, 2008	6.00	6.00		9.00	(+0.50)	8.75		25	
August 30, 2008	6.00	6.00		9.00		9.00	(+0.25)	25	
October 11, 2008	6.00	6.00		9.00		6.50	(-2.50)	25	
October 20, 2008	6.00	6.00		8.00	(-1.00)	6.50		25	
October 25, 2008	6.00	6.00		8.00		6.00	(-0.50)	25	
November 03, 2008	6.00	6.00		7.50	(-0.50)	6.00		25	
November 08, 2008	6.00	6.00		7.50		5.50	(-0.50)	24	(-1.00)
December 08, 2008	6.00	5.00	(-1.00)	6.50	(-1.00)	5.50		24	
January 05,2009	6.00	4.00	(-1.00)	5.50	(-1.00)	5.50		24	
January 17,2009	6.00	4.00		5.50		5.00	(-0.50)	24	
March 05,2009	6.00	3.50	(-0.50)	5.00	(-0.50)	5.00		24	
April 21,2009	6.00	3.25	(-0.25)	4.75	(-0.25)	5.00		24	

Note: 1. With effect from October 29, 2004, the nomenclature of repo and reverse repo was changed keeping with international usage. Now, reverse repo indicates absorption of liquidity and repo signifies injection of liquidity. Prior to October 29, 2004, repo indicated absorption of liquidity while reverse repo meant injection of liquidity. The nomenclature in this Report is based on the new usage of terms even for the period prior to October 29, 2004. 2. Figures in parentheses indicate changes in policy rates/ratios.

Source: Reserve Bank of India.

2.8 REFORMS IN THE INFRASTRUCTURE SECTOR

2.8.1 ELECTRICITY:

The Central Electricity Regulatory Commission (CERC) issued new Inter-state Trading Regulations in February 2009. The aim was to tighten the terms and conditions for grant of trading licence keeping in view the current price of the trading power and the liquidity requirements of the power trading business and to encourage only the serious players. Some important features of the new regulations are as follows:

- Definition of inter-state trading has been revised to explicitly include electricity imported for resale.
- Number of categories of licensees has been reduced from 6 to 3.
- Net worth requirement definition has been increased to the range of Rs. 5 crore to Rs. 50 crore keeping the prevalent prices of traded power in view.
- Net worth definition has been revised to discount the loans and advances given to the associates.
- New conditions of liquidity i.e. current ratio and liquidity ratio have been introduced to adjudge credit-worthiness of the applicant.
- Technical qualifications of the full time professionals have been specified.
- Definition of associate has been rationalized.
- A provision has been made that licensee shall not purchase electricity from the entities which are defaulting in payment of UI charges, transmission charges, charges of NLDC/RLDC/ULDC, if so directed by CERC. These regulations are also applicable to the existing licensees. They are required to comply with the new net worth requirement and liquidity requirement by March31, 2010.
- Central and states ERCs should be advised to comply with the statutory requirements relating to open access & State Governments and state ERCs should enable operationalizing open access.
- SERCs should specify temporary connection charges to be made by the Discom for standby supply.
- Independent Power Producers (IPPs) captive and small generators should be allowed to bring power to the market in grant of open access.
- State ERCs should provide open access to all consumers of 1 MW and above within five years from the coming into effect of the amendment of the Act in January 2004.
- The tariff for distribution companies should specify energy charges and wheeling charges separately.
- Transmission and trading should be segregated by all states.
- State should be advised to set up SLDCs as independent entities with financial and operational autonomy.
- SERCs should ensure enabling arrangements such as standby supplies at affordable prices, metering and settlement.
- Regulators should meet bulk consumers and stakeholders to address their concerns.
- The supplies from the unallocated Central quota of CPSUs should not be permitted to be sold by a recipient state and/or its utilities outside the recipient state at prices exceeding the regulated tariff and the permissible trading margin.
- 25 per cent of the Centre's discretionary allocation of 15 per cent of CPSU generating capacity may be made available for direct sale by CPSUs to open access consumers. For new capacity of CPSUs, 50 per cent of the unallocated quota may be reserved for sale to open access consumers.

REFORMS IN THE INFRASTRUCTURE SECTOR

2.8.2 PETROLEUM:

- Under New Exploration License Policy (NELP) -VII, the award of 44 blocks been approved.
- First crude oil production from MA field in deepwater block D6 in Krishna-Godavari Basin stated in September 2008 with initial production of about 5000 barrels per day the Reliance Industries Limited and the NIKO Resources Limited.
- National gas development project for development of gas discoveries D1 & D3 in block D6 of KG Basin is being undertaken by the Reliance Industries Limited (RIL) and NIKO Resources Limited. The first gas production from this block is expected during 2009.
- Government has conveyed "in principle" approval to the Public Sector Oil Marketing Companies (OMC) for introducing composite cylinders for marketing domestic LPG, subject to no subsidy.
- OMCs have started the service of using Unique Toll Free telephone Numbers for public grievances redressal.

2.8.3 RAILWAYS:

- To increase efficiency and safety, modern signaling system with route relay/panel/electronic Interlocking along with multi aspect colour light signaling in replacement of over-aged mechanical/ multi-cabin signaling system, has been provided at 416 stations.
- Automatic block signaling (ABS) has been provided on 349 RKms to increase line capacity.
- Intermediate block signaling (IBS) has been provided on 87 block sections to increase line capacity, by splitting the longer block sections.
- Anti collision device (ACD) is operational as a pilot project basis on Katihar-Guwahati-Dibrugarh-Ledo section of the North Frontier Railway.
- Train protection and warning system (TPWS) has been provided on 50 RKMs in Chennai-Gummidipundi Section on the Southern Railway as an aid to drivers. This will prevent cases of "signal passing danger" and over speeding.
- 910 stations have been provided with highly durable LED signals to improve reliability and visibility of signals.

2.8.4 TELECOM:

- Detailed guidelines for a controlled, simultaneous, ascending e-auction for spectrum for 3G and BWA service were announced on August 1, 2008. The allocation of spectrum for 3G and BWA services will boost telecom sector.
- Telecom Centres of Excellence (TCOE) concept is being established in a public-private partnership (PPP) mode with all stakeholders onboard, to promote application oriented research and to assist and train high level decision makers to manage sector reforms and corporate managers to manage networks and services. There will be eight TCOEs at the premier academic institutes of the country with the seven major telecom

REFORMS IN THE INFRASTRUCTURE SECTOR

operators supporting one centre each. The spectrum management centre is being developed in an autonomous model with the support of an industry consortium.

- To regulate unsolicited calls from telemarketeers, a regulation has been implemented with a "National Do Not Call Registry" (NDNC). About 7.2 million subscribers have registered on the NDNC and there has been a substantial reduction in unsolicited calls.
- It has been decided that there should be no cap on the number of access providers in any service area.
- On March 3, 2008, selective roaming facility for pre-paid subscribers between Assam and North-east vice-versa were permitted subject to certain conditions.
- On July 11, 2008, provision of mobile service within 500 metres of the international boarder within Indian Territory has been permitted.

Source: Economic Survey 2008-09.

CHAPTER - III

INDUSTRIAL PRODUCTION

REVIEW OF INDUSTRIAL PERFORMANCE

Industrial Production

3.1 According to the Quick Estimates of Index of Industrial Production compiled by CSO, the overall growth of Industrial Production during 2008-09 was 2.8% as compared to 8.5% during 2007-08. The Electricity, Manufacturing and Mining sectors recorded growth rates of 2.8%, 2.8% and 2.6% respectively during 2008-09.

TABLE 3.1 GROWTH RATES OF INDUSTRIAL PRODUCTION

Sector	Weight	Growth Rates (%) 2006-07	2007-08	2008-09
Manufacturing	79.36	12.5	9.0	2.8
Mining & quarrying	10.47	5.4	5.1	2.6
Electricity	10.17	7.2	6.4	2.8
Overall	**100.00**	**11.6**	**8.5**	**2.8**

3.2 According to the Use Based Classification, Capital goods sector showed the highest growth rate during 2008-09 (Table 3.2).

TABLE 3.2 USE-BASED GROWTH RATES

Sector		Weight	Growth Rates (%) 2006-07	2007-08	2008-09
I.	Basic Goods	35.57	10.3	7.0	2.6
II.	Capital Goods	9.26	18.2	18.0	7.3
III.	Intermediate Goods	26.51	12.0	9.0	-1.9
IV.	Consumer Goods	28.66	10.1	6.1	4.7
	i) Durables	5.37	9.2	-1.0	4.5
	ii) Non-Durables	23.30	10.4	8.6	4.8

3.3 Within the manufacturing sector, the 9 industry groups, with the combined weight of 51.8 percent in the IIP have posted positive growth rates during 2008-09 (Table 3.3).

REVIEW OF INDUSTRIAL PERFORMANCE

TABLE 3.3 GROWTH RATES OF MANUFACTURING SECTOR

CODE	INDUSTRY GROUP	Weight	Growth Rates (%) 2006-07	2007-08	2008-09
20-21	Food products	9.08	8.6	7.0	-9.7
22	Beverage, tobacco & products	2.38	11.2	12.0	16.2
23	Cotton textiles	5.52	14.8	4.3	-1.9
24	Wool, silk and man made fibre textiles	2.26	7.8	4.8	0.0
25	Jute, and other vegetable fiber textiles (except cotton)	0.59	-15.8	33.1	-10.0
26	Textile Products ((including wearing apparel)	2.54	11.5	3.7	5.8
27	Wood & wood products & furniture & fixtures	2.70	29.1	40.5	-9.6
28	Paper & paper products	2.65	8.7	2.7	1.8
29	Leather & fur Products	1.14	0.6	11.7	-6.9
30	Basic chemical & chemical products (except products of petroleum & coal)	14.00	9.6	10.6	4.1
31	Rubber, plastic, petroleum and coal products	5.73	12.9	8.9	-1.5
32	Non-metallic mineral products	4.40	12.8	5.7	1.2
33	Basic metals & alloy industries	7.45	22.9	12.1	4.0
34	Metal products & parts except machinery & equipment	2.81	11.4	-5.6	-4.0
35-36	Machinery and equipment other than transport equipment	9.57	14.2	10.4	8.8
37	Transport equipment & parts	3.98	15.0	2.9	2.5
38	Other manufacturing industries	2.56	7.8	19.8	0.4
	Manufacturing overall	**79.36**	**12.5**	**9.0**	**2.8**

3.4 Office of the Economic Adviser, Ministry of Commerce & Industry has been collecting advance information on the performance of the six infrastructure industries comprising of electricity, coal, steel, crude petroleum, petroleum refinery products and cement. These have a weight of 26.68 in IIP. Table 3.4 presents the growth performance of overall & for six infrastructure industries.

TABLE 3.4 PERFORMANCE OF INFRASTRUCTURE INDUSTRIES

Sl.No	Industry Name	Weight	2006-07	2007-08	2008-09
1	Electricity	10.17	7.3	6.3	2.7
2	Coal	3.22	5.9	6.3	7.8
3	Steel	5.13	13.1	6.2	0.4
4	Crude petroleum	4.17	5.6	0.4	-1.8
5	Petroleum refinery products	2.00	12.9	6.5	3.0
6	Cement	1.99	9.1	8.1	7.2
	Overall	**26.68**	**9.2**	**5.9**	**2.6**

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

TABLE 3.5 INDEX OF INDUSTRIAL PRODUCTION

Annual Growth Rates
(Base: 1993-94)

PERIOD	Mining & Quarrying	Manufacturing	Electricity	Overall
(1998-99)	125.4	148.8	138.4	145.2
	(-0.8)	(4.4)	(6.5)	(4.1)
(1999-00)	126.7	159.4	148.5	154.9
	(1.0)	(7.1)	(7.3)	(6.7)
(2000-01)	130.3	167.9	154.4	162.6
	(2.8)	(5.3)	(4.0)	(5.0)
(2001-02)	131.9	172.7	159.2	167.0
	(1.2)	(2.9)	(3.1)	(2.7)
(2002-03)	139.6	183.1	164.3	176.6
	(5.8)	(6.0)	(3.2)	(5.7)
(2003-04)	146.9	196.6	172.6	189.0
	(5.2)	(7.4)	(5.1)	(7.0)
(2004-05)	153.4	214.6	181.5	204.8
	(4.4)	(9.2)	(5.2)	(8.4)
2005-06	154.9	234.2	190.9	221.5
	(1.0)	(9.1)	(5.2)	(8.2)
2006-07	163.2	263.5	204.7	247.1
	(5.4)	(12.5)	(7.2)	(11.6)
2007-08	171.6	287.2	217.7	268.0
	(5.1)	(9.0)	(6.4)	(8.5)
2008-09	176.0	295.1	223.7	275.4
	(2.6)	(2.8)	(2.8)	(2.8)

Note: Figures in the brackets indicate growth rates over previous year
Source: Central Statistical Organization.

TABLE 3.6 INDEX OF INDUSTRIAL PRODUCTION – MANUFACTURING
(Base: 1993-94)

Month	2004-05	2005-06	2006-07	2007-08	2008-09
April	196.1	214.2	237.7	267.1	285.0
May	199.8	222.4	252.0	280.5	293.1
June	198.9	225.2	249.4	273.6	290.4
July	207.1	219.5	250.9	272.9	291.6
August	207.5	225.2	252.1	279.2	284.0
September	213.3	232.2	261.7	281.0	298.4
October	213.9	237.2	246.3	280.2	278.6
November	212.4	227.3	266.3	278.9	286.3
December	231.4	246.3	282.1	306.3	304.5
January	230.4	252.0	282.9	301.9	304.8
February	221.3	241.6	270.7	296.8	297.4
March	242.9	267.4	310.3	327.9	326.9
Average	**214.6**	**234.2**	**263.5**	**287.2**	**295.1**

Source: CSO (Data compiled by the Office of the Economic Adviser, Ministry of Commerce & Industry).

TABLE 3.7 INDEX OF INDUSTRIAL PRODUCTION - MINING & QUARRYING
(Base: 1993-94)

Month	2004-05	2005-06	2006-07	2007-08	2008-09
April	147.8	151.9	157.1	161.2	171.1
May	149.7	157.5	162.0	168.1	177.4
June	142.3	149.2	156.2	158.6	158.8
July	147.5	144.7	152.1	157.0	161.4
August	142.0	138.4	136.0	156.0	160.4
September	143.6	140.8	146.8	154.0	162.9
October	152.5	152.3	161.3	169.6	175.1
November	153.8	150.5	163.8	174.2	175.4
December	165.4	165.2	175.3	184.1	188.1
January	165.3	168.6	181.5	186.7	188.1
February	152.5	158.3	170.1	183.6	183.2
March	178.1	181.6	196.2	205.8	209.8
Average	**153.4**	**154.9**	**163.2**	**171.6**	**176**

TABLE 3.8 INDEX OF INDUSTRIAL PRODUCTION- ELECTRICITY
(Base: 1993-94)

Month	2004-05	2005-06	2006-07	2007-08	2008-09
April	181.3	187	198	215.2	218.2
May	177.8	196.4	206.3	225.6	230.1
June	172.5	189.0	198.3	211.7	217.1
July	186.3	184.6	201.1	216.2	225.9
August	179.2	193.4	201.4	219.9	221.6
September	182.0	180.6	201	210.1	219.3
October	179.8	193.7	212.4	221.4	231.2
November	177.3	183.3	199.3	210.9	216.4
December	187.5	193.8	211.5	219.6	223.1
January	187.4	199.4	215.9	223.8	227.9
February	170.7	186.3	192.5	211.3	212.7
March	196.3	203.0	219.1	227.1	241.3
Average	**181.5**	**190.9**	**204.7**	**217.7**	**223.7**

TABLE 3.9 INDEX OF INDUSTRIAL PRODUCTION - GENERAL INDEX
(Base: 1993-94)

Month	2004-05	2005-06	2006-06	2007-08	2008-09
April	189.5	204.9	225.2	250.7	266.3
May	192.3	213.0	237.9	263.1	274.6
June	190.3	213.6	234.4	255.3	269.2
July	198.7	208.1	235.5	255.0	271.3
August	197.8	212.9	234.8	260.3	264.7
September	202.8	217.4	243.5	260.5	276.2
October	204.0	223.9	234.0	262.6	262.9
November	202.7	214.8	248.8	261.0	267.6
December	220.0	232.5	263.7	284.7	284.0
January	219.2	237.9	265.5	281.9	284.8
February	208.9	227.3	252.2	276.2	276.8
March	231.4	251.9	289.1	304.9	305.9
Average	**204.8**	**221.5**	**247.1**	**268.0**	**275.4**

TABLE 3.10 GROUP-WISE AND MONTH WISE INDEX OF INDUSTRIAL PRODUCTION AT 2-DIGIT LEVEL (Base: 1993-94)

Month	2004-05	2005-06	2006-07	2007-08	2008-09
			Industry Group 20-21 : Food Products		
April	149.6	159.5	147.7	227.0	209.5
May	132.3	143.2	134.5	166.0	150.6
June	134.9	139.1	133.9	134.6	130.0
July	138.9	103.5	131.3	125.5	131.4
August	132.1	122.3	121.3	122.6	135.0
September	141.5	113.7	127.6	126.2	136.4
October	147.3	138.4	126	128.3	130.4
November	168.6	172.3	196.7	166.6	175.0
December	234.3	243.5	286.6	284.5	277.4
January	237.6	260.6	279.6	311.0	275.7
February	204.3	236.2	262.5	310.0	218.4
March	186.3	215.1	274.3	276.2	176.8
Average	**167.3**	**170.6**	**185.2**	**198.2**	**178.9**
			Industry Group 22 : Beverage, tobacco & Products		
April	354.6	381.6	434.6	457.0	611.0
May	348.0	394.0	451.5	503.7	678.2
June	303.8	393.9	434.0	486.9	602.2
July	316.6	396.0	442.8	481.7	547.6
August	332.9	372.1	439.7	476.0	500.6
September	319.7	378.0	442.1	483.9	535.2
October	325.8	401.8	412.1	509.3	542.1
November	341.7	385.6	451.0	508.3	582.7
December	379.9	436.7	468.2	549.5	633.9
January	367.4	412.5	454.1	503.5	560.0
February	373.8	408.6	446.8	499.7	549.8
March	386.3	442.7	457.4	516.3	599.2
Average	**345.9**	**400.3**	**444.5**	**498.0**	**578.5**
			Industry Group 23: Cotton Textiles		
April	123.0	132.9	145.2	159.1	162.1
May	123.8	136.6	155.7	164.1	171.4
June	122.0	136.4	151.1	161.7	168.6
July	125.7	138.4	158.2	168.2	165.6
August	123.2	140.5	159.5	165.8	160.9
September	121.8	137.8	158.2	165.9	157.3
October	124.7	140.5	153.8	165.4	150.4
November	122.6	135.0	159.6	153.9	156.9
December	135.2	138.2	165.6	169.5	164.5
January	130.8	133.4	161.9	168.2	158.5
February	124.1	137.7	153.8	161.6	151.0
March	138.1	136.5	164.7	164.5	163.3
Average	**126.3**	**137.0**	**157.3**	**164.0**	**160.9**

TABLE 3.10 (CONTD.) GROUP-WISE AND MONTH WISE INDEX OF INDUSTRIAL PRODUCTION AT 2-DIGIT LEVEL (Base: 1993-94)

Month	2004-05	2005-06	2006-07	2007-08	2008-09
Industry Group 24: Wool, Silk and Man made fibre textiles					
April	252.6	225	253.6	252	259.2
May	252	237.2	266.6	289.4	321.8
June	234.1	273.0	272.0	276.8	296.9
July	267.0	257.5	264.5	279.2	243.5
August	259.0	249.7	274.4	298.0	257.3
September	228.3	240.9	251.9	262.1	264.3
October	264.3	253.9	243.5	265.0	264.4
November	232.4	237.4	298.7	286.0	276.5
December	242.4	268.1	282.6	276.8	298.0
January	276.8	250.1	272.1	284.3	285.6
February	211.8	239.8	254.5	280.5	297.4
March	267.8	254.6	285.8	323.8	309.7
Average	**249.0**	**248.9**	**268.4**	**281.2**	**281.2**
Industry Group 25: Jute, and other vegetable fiber textiles					
April	116.2	111.6	104.2	122.7	109.0
May	84.1	81.5	83.5	117.2	106.7
June	77.8	80.9	83.8	113.3	109.0
July	97.4	107.8	102.3	118.8	118.2
August	102.5	109.2	115.2	126.2	116.6
September	117.0	117.5	117.7	123.4	122.9
October	102.1	105.4	115.2	116.6	112.7
November	103.6	107.9	118.6	114.6	120.2
December	122.9	126.6	128.2	128.4	43.2
January	120.6	115.9	31.7	120.8	108.9
February	114.8	106.9	12.8	123.4	114.6
March	127.6	121.5	75.7	123.2	120.9
Average	**107.2**	**107.7**	**90.7**	**120.7**	**108.6**
Industry Group 26: Textile Products					
April	201.5	244.3	275.0	309.0	311.3
May	189.0	245.1	289.3	297.8	323.8
June	181.1	236.6	267.6	274.2	301.4
July	202.2	227.8	291.7	303.4	324.4
August	207.4	261.0	299.6	293.3	285.6
September	230.3	274.6	288.5	289.5	311.9
October	218.5	262.2	259.8	299.5	284.7
November	228.3	247.7	271.7	272.4	323.2
December	247.7	275.6	294.9	305.0	302.2
January	227.8	268.4	280.0	305.0	301.8
February	231.8	256.1	293.4	292.3	323.4
March	269.6	266.7	308.7	305.0	356.0
Average	**219.6**	**255.5**	**285.0**	**295.5**	**312.5**

TABLE 3.10 (CONTD.) GROUP-WISE AND MONTH WISE INDEX OF INDUSTRIAL PRODUCTION AT 2-DIGIT LEVEL (Base: 1993-94)

Month	2004-05	2005-06	2006-07	2007-08	2008-09
Industry Group 27: Wood & wood products & furniture & fixtures					
April	78.1	73.4	67.6	107.2	107.7
May	78.9	81.6	65.6	143.1	99.3
June	71.6	74.8	63.4	129.2	127.4
July	72.3	64.4	81.4	135.7	123.7
August	72.0	73.5	82.0	132.9	146.4
September	75.5	66.8	73.9	127.5	124.0
October	71.8	68.2	75.7	131.5	116.7
November	75.7	72.2	79.3	108.8	111.3
December	80.1	75.5	98.1	128.6	104.1
January	71.7	69.9	126.9	121.1	103.0
February	77.3	58.4	133.7	122.8	103.0
March	72.0	67.4	144.3	146.1	120.3
Average	**74.8**	**70.5**	**91.0**	**127.9**	**115.6**
Industry Group 28: Paper & Paper Products					
April	187.9	221.5	241.4	243.9	247.5
May	197.5	211.9	248.3	249.9	259.0
June	203.0	216.3	238.3	246.2	243.4
July	244.7	247.8	265.9	250.6	269.8
August	239.1	253.3	248.0	258.0	268.0
September	221.8	223.5	244.1	250.6	280.2
October	216.5	235.3	244.7	258.6	271.9
November	219.1	209.3	249.3	255.8	257.2
December	311.1	239.4	259.3	268.9	264.2
January	225.4	235.7	253.3	269.9	248.6
February	222.5	214.4	231.4	244.4	233.1
March	279.4	235.1	259.2	266.9	277.5
Average	**230.7**	**228.6**	**248.6**	**255.3**	**260.0**
Industry Group 29: Leather & Fur Products					
April	140.2	159.1	120.3	134.8	148.0
May	146.4	160.3	156.4	166.6	182.4
June	165.6	165.4	159.3	171.5	169.8
July	165.0	169.6	163.0	177.4	171.1
August	157.4	155.1	154.6	170.8	156.0
September	145.1	145.3	151.6	171.9	147.6
October	154.6	147.4	126.9	167.1	135.4
November	153.3	124.7	153.4	167.7	154.6
December	179.2	151.4	182.7	181.2	171.6
January	161.5	128.0	150.3	179.5	166.8
February	157.3	129.0	139.9	161.5	138.3
March	157.2	156.3	144.0	163.4	133.7
Average	**156.9**	**149.3**	**150.2**	**167.8**	**156.3**

TABLE 3.10 (CONTD.) GROUP-WISE AND MONTH WISE INDEX OF INDUSTRIAL PRODUCTION AT 2-DIGIT LEVEL (Base: 1993-94)

Month	2004-05	2005-06	2006-07	2007-08	2008-09
Industry Group 30: Basic Chemical & chemical products(except petr. Prod. & coal)					
April	216.6	242.1	277.3	297.4	341.7
May	229.4	263.3	301.6	319.5	347.4
June	231.8	277.9	289.3	311.6	343.8
July	239.2	262.2	287.4	332.8	348.7
August	245.2	266.5	293	319.9	327.0
September	241.4	271.6	301.8	321.8	310.1
October	238.1	266.6	266.8	307.6	290.9
November	238.5	250.7	276.6	297.9	300.4
December	234.4	234.7	260.9	318.5	289.9
January	264.0	262.3	283.8	322.8	340.0
February	240.8	245.7	262.1	304.3	324.4
March	243.9	258.7	300.1	306.6	351.6
Average	**238.6**	**258.5**	**283.4**	**313.4**	**326.3**
Industry Group 31: Rubber, plastic, petroleum and coal products					
April	190.0	193.9	202.3	233.7	234.7
May	196.9	202.7	227.2	252.7	227.0
June	190.3	202.4	224.2	249.2	247.8
July	193.1	208.0	227.2	246.2	241.9
August	190.2	191.4	216.2	255.4	233.5
September	190.9	192.0	223.4	240.6	233.6
October	193.4	194.1	208.8	225.9	234.1
November	182.8	186.1	228.9	241.3	238.7
December	190.0	213.7	242.3	257.0	244.7
January	194.8	212.1	242.4	247.1	245.3
February	189.3	196.4	221.5	245.7	250.5
March	205.2	212.7	250.7	261.6	279.1
Average	**192.2**	**200.5**	**226.3**	**246.4**	**242.6**
Industry Group 32: Non-metallic mineral Products					
April	242.0	248.1	293.9	316.3	317.8
May	243.8	275.2	298.9	324.7	329.0
June	240.6	259.0	306.1	317.4	321.3
July	239.5	257.9	292.2	323.3	329.5
August	230.2	260.9	278.0	318.0	313.0
September	234.4	252.5	297.1	318.1	317.9
October	248.0	269.6	294.7	338.0	324.1
November	245.4	261.0	306.4	304.9	313.0
December	247.3	283.0	327.1	320.8	344.5
January	246.3	285.8	315.9	327.1	320.2
February	245.5	278.5	304.2	315.7	319.9
March	268.0	322.2	355.3	354.6	374.1
Average	**244.3**	**271.1**	**305.8**	**323.2**	**327.0**

TABLE 3.10 (CONTD.) GROUP-WISE AND MONTH WISE INDEX OF INDUSTRIAL PRODUCTION AT 2-DIGIT LEVEL (Base: 1993-94)

Month	2004-05	2005-06	2006-07	2007-08	2008-09
Industry Group 33: Basic metals & alloy industries					
April	171.8	202.8	246.2	289.7	303.4
May	179.2	204.9	248.7	302.0	314.5
June	178.2	205.5	246.1	298.5	316.1
July	184.7	213.6	256.3	301.6	329.2
August	187.8	226.5	258.8	308.1	335.8
September	202.7	225.1	270.9	308.9	331.1
October	205.0	239.2	289.6	321.4	338.5
November	205.0	232.5	292.2	307.1	324.2
December	210.0	235.5	303.9	317.2	330.1
January	210.2	237.4	305.7	328.3	322.5
February	199.9	230.1	293.2	315.5	317.7
March	218.4	271.3	335	353.6	337.7
Average	**196.1**	**227.0**	**278.9**	**312.7**	**325.1**
Industry Group 34: Metal Products & Parts except machinery & equipment					
April	134.3	136.0	142.3	146.5	153.2
May	156.6	174.4	157.4	165.9	158.9
June	160.6	158.5	170.8	157.5	167.1
July	182.4	150	160.1	150.2	164.7
August	175.3	168.5	185.5	178.8	149.0
September	177.4	162.8	181.9	188.4	213.0
October	168.8	169.6	211.7	168.9	170.8
November	164.1	170.4	170.4	160.3	146.3
December	174.0	165.2	207.5	160.5	170.8
January	154.2	158.9	169.2	192.6	181.0
February	167.4	176.5	172.6	205.8	142.2
March	181.0	181.8	269.0	199.0	173.8
Average	**166.3**	**164.4**	**183.2**	**172.9**	**165.9**
Industry Group 35-36: Machinery and equip. other than Transport equipment					
April	244.1	272.8	296.8	333.6	356.6
May	253.4	280.8	319.9	382.3	400.7
June	259.9	291.0	344.1	382.1	427.1
July	263.3	283.3	328.0	357.3	406.3
August	269.5	289.1	356.5	394.0	411.5
September	287.3	323.5	378.1	400.3	475.4
October	280.6	319.4	332.7	398.3	406.6
November	268.5	297.0	355.1	387.8	427.8
December	298.6	330.6	368.8	412.9	421.3
January	276.6	334.6	377.5	369.1	436.5
February	287.9	329.9	371.7	385.5	447.2
March	363.1	401.3	455.7	529.8	532.6
Average	**279.4**	**312.8**	**357.1**	**394.4**	**429.1**

TABLE 3.10 (CONTD.) GROUP-WISE AND MONTH WISE INDEX OF INDUSTRIAL PRODUCTION AT 2-DIGIT LEVEL (Base: 1993-94)

Month	2004-05	2005-06	2006-07	2007-08	2008-09
Industry Group 37 : Transport Equipment & parts					
April	248.5	279.6	318.3	333.3	368.4
May	251.9	289.0	363.8	361.0	405.5
June	257.0	287.7	348.6	351.8	380.2
July	277.0	291.2	357.7	347.8	410.4
August	273.4	305.0	339.1	376.4	404.0
September	292.7	341.8	383.9	379.3	442.5
October	307.5	357.8	373.6	416.0	387.5
November	290.0	321.6	392.4	389.7	354.6
December	278.4	306.5	340.8	359.8	295.9
January	302.8	342.7	388.7	401.7	345.1
February	292.1	335.1	376.2	390.3	378.9
March	333.5	378.4	429.7	433.1	482.2
Average	**283.7**	**319.7**	**367.7**	**378.4**	**387.9**
Industry Group 38 : Other Manufacturing Industries					
April	191.7	210.1	281.1	262.0	277.7
May	206.3	225.4	310.7	301.3	275.8
June	204.1	232.9	277.0	369.4	291.1
July	194.2	252.8	293.1	303.3	346.6
August	203.2	253.4	273.5	335.6	317.5
September	257.0	345.6	313.9	402.0	444.0
October	223.6	309.2	252.6	335.7	372.7
November	208.2	246.9	298.2	430.1	360.7
December	238.3	306.7	358.3	469.1	570.5
January	208.5	279.4	289.0	303.9	327.0
February	238.0	263.4	283.1	318.8	359.1
March	281.1	397.3	350.0	457.0	364.3
Average	**221.2**	**276.9**	**298.4**	**357.4**	**358.9**

Source: CSO (Data compiled by the Office of the Economic Adviser, Ministry of Commerce & Industry).

TABLE 3.11 ANNUAL INDUSTRIAL GROWTH RATES DURING VARIOUS PLAN PERIODS

	Year	Index	Growth Rate(%)	Annual average during Plan Periods
1	2	3	4	5
		(BASE: 1970=100)		
Third Plan	1961-62	60.4	8.2	8.2
	1962-63	66.1	9.5	
	1963-64	72.3	9.3	
	1964-65	78.6	8.8	
	1965-66	84.8	5.3	
Annual Plans	1966-67	83.3	0.6	0.6
	1967-68	82.8	1.2	1.2
	1968-69	89.9	6.7	6.7
Fourth Plan	1969-70	96.8	7.6	4.4
	1970-71	100.7	4.1	
	1971-72	106.4	5.6	
	1972-73	110.6	3.9	
	1973-74	111.5	0.8	
Fifth Plan	1974-75	115.1	3.2	5.9
	1975-76	122.8	6.7	
	1976-77	134.4	9.5	
	1977-78	140.0	4.2	
Annual Plans	1978-79	150.7	7.6	7.6
	1979-80	148.2	-1.6	-1.6
Sixth Plan	1980-81	154.1	4.0	5.9
	1981-82	167.3	8.6	
	1982-83	174.3	4.1	
	1983-84	184.9	6.1	
	1984-85	197.4	6.8	
		(BASE: 1980-81=100)		
Seventh Plan	1985-86	142.1	8.7	8.5
	1986-87	155.1	9.1	
	1987-88	166.4	7.3	
	1988-89	180.9	8.7	
	1989-90	196.4	8.6	
Annual Plans	1990-91	212.6	8.3	8.3
	1991-92	213.9	0.6	0.6
Eighth Plan	1992-93	218.9	2.3	7.3
		(BASE:1993-94=100)		
	1993-94	232.0	6.0	
	1994-95	109.1	9.1	
	1995-96	123.3	13.0	
	1996-97	130.8	6.1	
Ninth Plan	1997-98	139.5	6.7	5.0
	1998-99	145.2	4.1	
	1999-00	154.9	6.7	
	2000-01	162.6	5.0	
	2001-02	167.0	2.7	
Tenth Plan	2002-03	176.6	5.7	8.2
	2003-04	189.0	7.0	
	2004-05	204.8	8.4	
	2005-06	221.5	8.2	
	2006-07	247.0	11.6	
Eleventh Plan	2007-08	268.0	8.5	
	2008-09	275.4	2.8	

Source: CSO (Data compiled by the Office of the Economic Adviser, Ministry of Commerce & Industry)

TABLE 3.12 YEAR-WISE INDEX OF OVERALL INDUSTRIAL PRODUCTION ANDMANUFACTURING SECTOR

Financial Year	General Index	Percentage change over previous year	Manufacturing	Percentage change over previous year
1971-72	106.4	+5.6	106.5	-
1975-76	122.8	+4.7	119.1	+5.0
1976-77	134.4	+9.5	140.8	+9.8
1977-78	140.0	+4.2	136.8	+4.6
1978-79	150.7	+7.6	147.2	+7.6
1979-80	148.2	(-)1.6	143.5	(-)2.5
1980-81	154.1	4.0	148.8	+3.7
		Base:1980-81=100		
1981-82	109.3	+9.3	107.9	+7.9
1982-83	112.8	+3.2	109.4	+1.4
1983-84	120.4	+6.7	115.6	+5.7
1984-85	130.7	+8.6	124.8	+8.0
1985-86	142.1	+8.7	136.9	+9.7
1986-87	155.1	+9.1	149.7	+9.4
1987-88	166.4	+7.3	161.5	+7.9
1988-89	180.9	+8.7	175.6	+8.7
1989-90	196.4	+8.6	190.7	+8.6
1990-91	212.6	+8.3	207.8	+8.9
1991-92	213.9	+0.6	206.2	(-)0.8
1992-93	218.9	+2.3	210.7	+2.2
1993-94	232.0	+6.0	223.5	+6.1
		Base :1993-94=100		
1994-95	109.1	+9.1	109.1	+9.1
1995-96	123.3	+13.0	124.5	+14.1
1996.-97	130.8	+6.1	133.6	+7.3
1997-98	139.5	+6.7	142.5	+6.7
1998-99	145.2	+4.1	148.8	+4.4
1999-00	154.9	+6.7	159.4	+7.1
2000-01	162.6	+5.0	167.9	+5.3
2001-02	167.0	+2.7	172.7	+2.9
2002-03	176.6	+5.7	183.1	+6.0
2003-04	189.0	+7.0	196.6	+7.4
2004-05	204.8	+8.4	214.6	+9.2
2005-06	221.5	+8.2	234.2	+9.1
2006-07	247.0	+11.6	263.5	+12.5
2007-08	268.0	+ 8.5	287.2	+ 9.0
2008-09	275.4	+2.8	295.1	+2.8

Source: CSO (Data compiled by the Office of the Economic Adviser, Ministry of Commerce & Industry).

TABLE 3.13 GROUP-WISE INDEX OF INDUSTRIAL PRODUCTION (BASE:1993-94)

Code	Industry Group	Weight	Index				
			2004-05	2005-06	2006-07	2007-08	2008-09
20-21	Food products	9.08	167.3	170.6	185.2	198.2	178.9
22	Beverage, tobacco & products	2.38	345.9	400.3	444.5	498.0	578.5
23	Cotton textiles	5.52	126.3	137.0	157.3	164.0	160.9
24	Wool, silk and man made fibre textiles	2.26	249	248.9	268.4	281.2	281.2
25	Jute, and other vegetable fiber textiles (except cotton)	0.59	107.2	107.7	90.7	120.7	108.6
26	Textile Products ((including wearing apparel)	2.54	219.6	255.5	285.0	295.5	312.5
27	Wood & wood products & furniture & fixtures	2.70	74.8	70.5	91.0	127.9	115.6
28	Paper & paper products	2.65	230.7	228.6	248.6	255.3	260.0
29	Leather & fur Products	1.14	156.9	149.3	150.2	167.8	156.3
30	Basic chemical & chemical products (except products of petroleum & coal)	14.00	238.6	258.5	283.4	313.4	326.3
31	Rubber, plastic, petroleum and coal products	5.73	192.2	200.5	226.3	246.4	242.6
32	Non-metallic mineral products	4.40	244.3	271.1	305.8	323.2	327.0
33	Basic metals & alloy industries	7.45	196.1	227.0	278.9	312.7	325.1
34	Metal products & parts except machinery & equipment	2.81	166.3	164.4	183.2	172.9	165.9
35-36	Machinery and equipment other than transport equipment.	9.57	279.4	312.8	357.1	394.4	429.1
37	Transport equipment & parts	3.98	283.7	319.7	367.7	378.4	387.9
38	Other manufacturing industries	2.56	221.2	276.9	298.4	357.4	358.9
1	Mining & Quarrying	10.47	153.4	154.9	163.2	171.6	176.0
2-3	Manufacturing	79.36	214.6	234.2	263.5	287.2	295.1
4	Electricity	10.17	181.5	190.9	204.7	217.7	223.7
	General	**100.00**	**204.8**	**221.5**	**247.1**	**268.0**	**275.4**

Source: CSO (Data compiled by the Office of the Economic Adviser, Ministry of Commerce & Industry).

TABLE 3.14 GROUP-WISE GROWTH RATE OF INDEX OF INDUSTRIAL PRODUCTION (Base: 1993-94)

Code	Industry Group	Weight	Growth Rate (%)				
			2004-05	2005-06	2006-07	2007-08	2008-09
20-21	Food products	9.08	-0.4	2.0	8.6	7.0	-9.7
22	Beverage, tobacco & products	2.38	10.8	15.7	11.0	12.0	16.2
23	Cotton textiles	5.52	7.6	8.5	14.8	4.3	-1.9
24	Wool, silk and man made fibre textiles	2.26	3.5	0.0	7.8	4.8	0.0
25	Jute, and other vegetable fiber textiles (except cotton)	0.59	3.7	0.5	-15.8	33.1	-10.0
26	Textile Products ((including wearing apparel)	2.54	19.2	16.3	11.5	3.7	5.8
27	Wood & wood products & furniture & fixtures	2.70	-8.4	-5.7	29.1	40.5	-9.6
28	Paper & paper products	2.65	10.5	-0.9	8.7	2.7	1.8
29	Leather & fur Products	1.14	6.7	-4.8	0.6	11.7	-6.9
30	Basic chemical & chemical products (except products of petroleum & coal)	14.00	14.5	8.3	9.6	10.6	4.1
31	Rubber, plastic, petroleum and coal products	5.73	2.4	4.3	12.9	8.9	-1.5
32	Non-metallic mineral products	4.40	1.5	11.0	12.8	5.7	1.2
33	Basic metals & alloy industries	7.45	5.4	15.8	22.9	12.1	4.0
34	Metal products & parts except machinery & equipment	2.81	5.7	-1.1	11.4	-5.6	-4.0
35-36	Machinery and equipment other than transport equipment.	9.57	19.8	12.0	14.2	10.4	8.8
37	Transport equipment & parts	3.98	4.1	12.7	15.0	2.9	2.5
38	Other manufacturing industries	2.56	18.5	25.2	7.8	19.8	0.4
1	Mining & Quarrying	10.47	4.4	1.0	5.4	5.1	2.6
2-3	Manufacturing	79.36	9.2	9.1	12.5	9.0	2.8
4	Electricity	10.17	5.2	5.2	7.2	6.4	2.8
	General	**100.00**	**8.4**	**8.2**	**11.6**	**8.5**	**2.8**

Source: CSO (Data compiled by the Office of the Economic Adviser, Ministry of Commerce & Industry).

TABLE 3.15 ANNUAL GROWTH RATES OF INDUSTRIAL PRODUCTION (USE-BASED CLASSIFICATION)

	Basic goods	Capital goods	Intermediate goods	Consumer goods	Consumer durables	Consumer non-durables
1	2	3	4	5	6	7
			Base : 1970			
Weight	32.28	15.25	20.95	31.52	3.40	28.11
1976-77	12.5	7.0	4.5	11.6	20.5	10.5
1977-78	2.8	1.8	3.7	6.6	10.5	6.1
1978-79	5.6	11.4	7.5	8.0	8.2	7.9
Fifth Plan average1974-79	8.4	5.7	1.3	5.5	6.8	5.4
1979-80	-0.5	-2.3	1.9	-4.4	5.6	-6.1
1980-81	3.9	6.9	1.2	4.3	1.8	4.8
			Base : 1980-81			
Weight	37.42	16.43	20.51	23.65	2.55	21.10
1981-82	10.9	6.7	3.7	13.8	10.9	14.1
1982-83	7.0	3.7	1.0	-1.6	9.1	-2.8
1983-84	6.0	11.7	9.8	1.6	16.1	-0.4
1984-85	11.1	3.0	9.7	7.2	21.6	5.1
Seventh Plan average1980-85	7.8	6.4	5.1	5.1	11.9	4.2
1985-86	6.8	10.6	7.5	12.5	18.7	11.5
1986-87	9.2	18.2	4.4	7.1	18.9	4.9
1987-88	5.6	16.0	4.8	6.5	7.8	6.2
1988-89	9.9	7.0	11.5	4.2	12.0	2.5
1989-90	5.4	22.4	4.3	6.3	1.7	7.5
1990-91	3.8	17.4	6.1	10.4	14.8	9.4
Annual Plan1991-92	6.2	-12.8	-0.7	-1.8	-12.5	1.2
1992-93	2.6	-0.1	5.3	1.9	-0.9	2.5
1993-94	9.5	-4.2	11.8	3.9	16.3	1.3
			Base : 1993-94			
Weight	**35.51**	**9.69**	**26.44**	**28.36**	**5.12**	**23.24**
1994-95	9.6	9.2	5.3	12.1	16.2	11.2
1995-96	10.8	5.3	19.4	12.8	25.8	9.8
1996-97	3.0	11.5	8.1	6.2	4.6	6.6
1997-98	6.9	5.8	8.0	5.5	7.8	4.8
1998-99	1.6	12.6	6.1	2.2	5.6	1.2
1999-00	5.5	6.9	8.8	5.7	14.1	3.3
2000-01	3.7	1.8	4.7	8.0	14.5	5.8
2001-02	2.6	-3.4	1.5	6.0	11.5	4.1
2002-03	4.9	10.5	3.9	7.1	-6.3	12.0
2003-04	5.4	13.6	6.4	7.1	11.6	5.8
2004-05	5.5	13.9	6.1	11.7	14.4	10.8
2005-06	6.7	15.8	2.5	12.0	15.3	11.0
2006-07	10.3	18.2	12.0	10.1	9.2	10.4
2007-08	7.0	18.0	9.0	6.1	-1.0	8.6
2008-09	2.6	7.3	-1.9	4.7	4.5	4.8

Source: CSO (Data compiled by the Office of the Economic Adviser, Ministry of Commerce & Industry).

TABLE 3.16 PRODUCTION OF SELECTED INDUSTRIES

	INDUSTRY	UNIT	1990-91	2000-01	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09(A)
I.	**MINING**									
1.	Coal (including lignite)	MT	225.5	332.6	389.3	413.0	437.1	462.1	491.1	493.3
2.	Petroleum, crude	MT	33.0	32.4	33.4	34.0	32.2	34.0	34.1	33.5
	i) On shore	MT	11.8	11.8	11.5	11.6	11.4	11.3	11.2	11.3
	ii) Off shore	MT	21.2	20.6	21.9	22.4	20.8	22.7	22.9	22.2
3.	Iron ore	MT	53.7	80.6	120.6	145.9	154.4	172.3	na	na
II.	**METALLURGICAL INDUSTRIES**									
4.	Hot metal (incl. Pig iron)	MT	12.2	22.6	31.9	31.5	36.5	39.7	42.1	41.5
5.	Crude steel (Ingots+concast+blooms & stabs)	MT	na	30.6	38.7	43.4	46.5	50.82	53.9	54.5
6.	Semi-finished steel (main plant)	MT	4.3	3.3	3.1	2.7	3.2	3.1	2.8	3.2
7.	Finished steel (incl. secondary producers)	MT	13.5	31.2	38.6	41.3	44.4	52.5	56.1	56.4
8.	Steel castings	Th. Tonnes	262.0	352.4	407.8	421.7	449.5	612.0	567.0	570.0
9.	Aluminium	Th. Tonnes	451.1	620.4	601.2	516.4	560.5	719.1	755.7	786.7
10.	Copper metal (cathode)	Th. Tonnes	na	43.3	30.6	17.0	35.6	38.5	44.7	30.0
III.	**MECHANICAL ENGINEERING**									
11.	Machine tools	Rs. million	7731	12263	22225	23884	26367	26410	26914	24282
12.	Textile machinery	Rs. million	na	125296	12559	14260	21429	29100	29100	29100
13.	Industrial machinery	Rs. million	na	20046	20213	23955	31107	27299	35589	51543
14.	Broad gauge covered wagons/ Passenger carriage	Thousand	na	5.6	4.4	4.7	5.2	4.2	5.0	4.7
15.	Automobiles (total)	Thousand	366.3	784.2	1283.1	1564.5	1701.5	2065.6	2313.0	2010.9
	I) Commercial vehicles(b)	Thousand	145.5	152.0	275.1	350.0	391.0	520.0	545.1	416.5
	ii) Cars, jeeps& land rovers	Thousand	220.8	632.2	1008	1214.5	1310.5	1545.6	1767.9	1825.8
16.	Motor cycles, scooters and mopeds/ scooterettes	Thousand	1842.8	3756.1	5624.9	6454.8	7601.8	8436.2	8009.3	8361.4
17.	Power driven pumps	Thousand	19.0	481.9	663.3	649.2	718.3	768.7	789.8	1064.3
18.	Diesel engines (stationary)	Thousand	158.4	306.0	310.3	299.0	337.7	460.8	517.2	614.3
19.	Washing/Laundry Machine	Thousand	na	714.9	1438.4	1588.8	1756.6	1944.7	2168.9	2344.5
20.	Bicycle	Thousand	7084.0	14975.0	12341.0	8030.0	8267.8	10598.8	11397.4	11123.4
21.	Agriculture tractors	Thousand	142.2	284.4	178.9	242.3	253.8	310.7	304.4	303.3

TABLE 3.16 (CONTD.) PRODUCTION OF SELECTED INDUSTRIES

INDUSTRY	UNIT	1990-91	2000-01	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09(A)
IV. ELECTRICAL ENGINEERING									
22. Power transformers	Million KVA	36.6	70.7	62.7	59.5	68.3	71.4	73.2	71.9
23. Electric motors	Million hp	5.9	5.6	8.7	10.8	10.5	12.4	12.9	13.5
24. Electric fans	Million	4.2	5.2	6.4	6.0	6.9	7.7	7.9	7.7
25. Electric lamps	Million	274.4	448.9	975.4	464.3	481.9	470.5	430.8	428.1
26. Computer System & Peripheral	Rs. Million	na	7914.6	18606.4	26092.0	28887.4	31295.2	42011.0	29591.3
27. Aluminium conductors	Th. Tonnes	67.6	30.9	34.8	27.6	28.1	26.8	16.2	17.8
V. CHEMICAL & ALLIED INDUSTRIES									
28. Nitrogenous fertilizer (N)	Th. Tonnes	6993	11025	10632	11340	11402	11607	10902	10870
29. Phosphatic fertilizer (P2O5)	Th. Tonnes	2052	3745	3567	3986	4162	4546	3836	3464
30. Soda Ash	Th. Tonnes	1385	1631	1704	2026	2327	2085	1981	1998
31. Caustic soda	Th. Tonnes	992	1642	1600	1771	1881	1929	2058	2030
32. Paper & Paper Board	Th. Tonnes	2088	3090	3684	3848	3913	4139	4260	4442
33. Automobile tyres									
(Giant Tyres, Tractor, Two Wheeler)	Million	20.1	29.3	29.7	29.4	34.4	38.6	39.9	40.5
34. Bicycle tyres	Million	24.8	12.7	50.4	75.7	95.8	93.4	95.4	86.7
35. Cement	Million Tonnes	48.8	99.2	117.0	125.3	140.5	154.7	167.6	181.4
36. Petroleum refinery products(g)	Million Tonnes	48.6	96.2	113.5	118.6	119.8	135.3	144.1	150.5
37. Pencillin	MMU	25.0	822.9	1389.0	1021.6	214.8	na	1196.0	1831.1
38. Ampicillin	Tonnes	na	293.3	829.1	817.3	512.7	709.6	556.3	688.7
39. Vitamin C	Tonnes	na	778.8	598.2	391.5	435.0	154.8	142.1	50.0
40. Vitamin A	MMU	220.5	77.4	65.5	97.7	81.2	88.1	83.1	95.7
VI. TEXTILE INDUSTRIES									
41. Cloth									
(a) Cotton cloth	Million Sq. M	15431	19718	18040	20655	23873	26238	27196	26898
(I) Mill sector	Million Sq. M	1859	1106	969	1072	1192	1305	1249	1260
(ii) Decentralised sector	Million Sq. M	13572	18612	17071	19583	22681	24933	25947	25638
(b) Mixed / Blended cloth	Million Sq. M	2388	6351	6068	6032	6298	6882	6888	6766
(I) Mill sector	Million Sq. M	689	332	253	243	252	330	422	426
(ii) Decentralised sector	Million Sq. M	1682	6019	5815	5789	6046	6552	6466	6340
(c) Man made fibre fabrics	Million Sq. M	5126	14164	18275	18691	19406	20269	21941	21302
(I) Mill sector	Million Sq. M	41	232	212	211	212	111	110	111
(ii) Decentralised sector	Million Sq. M	5085	13932	18063	18480	19194	20158	21831	21191

TABLE 3.16 (CONTD.) PRODUCTION OF SELECTED INDUSTRIES

INDUSTRY	UNIT	1990-91	2000-01	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09(A)
42. Spun yarn (by cotton textile mills)									
(I) Cotton	Million kg.	1510	2267	2121	2272	2521	2824	2948	2641
(ii) Mixed / Blended	Million kg.	207	646	589	585	588	635	677	590
(iii) 100% non cotton	Million kg.	107	247	342	366	349	354	378	330
43. Filament yarn									
(a) Cellulosic	Th. Tonnes	51	55	53	53	53	54	51	42
i) Viscose	Th. Tonnes	51	55	53	54	53	54	51	42
(b) Synthetic	Th. Tonnes	227	865	1065	1055	1126	1316	1458	1377
i) Polyester	Th. Tonnes	187	839	1034	1020	1089	1284	1430	1349
ii) Nylon	Th. Tonnes	40	26	31	35	37	32	28	28
44. Staple fibre									
(a) Cellulosic	Th. Tonnes	160	236	221	248	229	247	280	228
i) Viscose	Th. Tonnes	160	236	221	248	229	247	280	228
(b) Synthetic	Th. Tonnes	177	668	732	774	739	892	964	833
i) Polyester	Th. Tonnes	135	568	615	647	631	795	883	755
ii) Acrylic	Th. Tonnes	42	100	117	127	108	97	81	78
VII. FOOD INDUSTRIES									
45. Sugar(d)	Th. Tonnes	12047	18510	13958	13660	19321	28199	na	na
46. Tea	Th. Tonnes	705	827	851	831	893	949	948	968
47. Coffee	Th. Tonnes	170	312	257	296	262	254	265	267
48. Vanaspati	Th. Tonnes	850	1445	1628	1899	1348	1286	1243	na
49. Salt	Th. Tonnes	12645	14948	15325	16662	18971	17899	17845	18251
VIII. ELECTRICITY GENERATED (Utilities)	Billion KWH	264	499	558	587	617	662	704	723

Source:

1	Department of Coal.	3	Ministry of Mines
2 & 36	Ministry of Petroleum & natural Gas.	41-44	Ministry of Textiles
4 to 8	Ministry of Steel	45	Department of Food and Public Distribution, Directorate of Sugar.
9-35, 37-40, 46-49 & VIII	Central Statistical Organization		
na	Not available		
a	Provisional	e	Relates to November-October.
b	Includes buses, trucks and tempos, 3 & 4 wheelers	f	excluding lignite
c	Calendar year	g	Excluding LPG Production from natural Gas
d	Relates to October-September		

TABLE 3.17 PRODUCTION PERFORMANCE OF SELECTED INDUSTRIES

Item Description	Unit	Weight	2007-08	2008-09	Growth(%)
BASIC GOODS					
Oxygen	Th. Cu. Mtrs.	0.6	495995.10	505032.30	1.8
Caustic soda	Th. Tonne	5.0	2058.00	2034.11	-1.2
Chlorine	Th. Tonne	0.7	1391.73	1386.70	-0.4
Soda ash	Th. Tonne	4.2	1980.99	1998.12	0.9
Titanium dioxide	Tonnes	1.1	62337.00	56399.00	-9.5
Phthalic anhydride	Tonnes	1.0	244137.00	206586.00	-15.4
Phenol	Tonnes	1.0	74937.00	73507.00	-1.9
Acetic acid	Tonnes	0.9	315328.00	218664.00	-30.7
Methanol	Tonnes	1.0	360745.00	251415.00	-30.3
Carbon black	Tonnes	0.8	428802.00	382004.00	-10.9
Cement all kinds	Th. Tonne	19.9	167580.00	181400.00	8.2
Wire ropes	Tonnes	0.7	87589.00	101070.00	15.4
Copper metal (cathode)	Tonnes	0.6	44742.00	30035.00	-32.9
Aluminium wire rods	Tonnes	1.7	246915.00	280983.00	13.8
Aluminium extrusions	Tonnes	0.6	142583.00	128317.00	-10.0
Aluminium foils	Tonnes	1.1	46037.00	35336.00	-23.2
Aluminium ingots	Th. Tonne	3.9	755.75	786.75	4.1
Aluminium rolled products	Tonnes	1.0	307067.00	278214.00	-9.4
Steel castings (IPP)	Tonnes	2.3	451556.00	348146.00	-22.9
Stamping & forgings	Tonnes	1.3	472052.00	381832.00	-19.1
C.I.castings	Tonnes	2.0	314499.00	287311.00	-8.6
Nitrogenous fertilizers	Th. Tonne	18.1	10902.10	10869.60	-0.3
Phosphatic fertilizers	Th. Tonne	2.9	3836.00	3464.20	-9.7
Sulphuric acid	Tonnes	0.2	6569315.00	6394816.00	-2.7
Calcium carbide	Tonnes	0.6	97414.00	67826.00	-30.4
Di-methyl tetra phthalate (DMT)	Tonnes	1.6	3969.00	0.00	-100.0
Linear alkyl benzene	Tonnes	0.0	470744.00	434348.00	-7.7
Ethylene	Tonnes	0.0	2805941.00	2638784.00	-6.0
Ethelene glycol	Tonnes	0.6	950090.00	783203.00	-17.6
Formaldehyde	Tonnes	0.7	240637.00	241108.00	0.2
Acetic anhydride	Tonnes	0.9	29290.00	35845.00	22.4
Glycerine	Tonnes	0.1	33768.00	31864.00	-5.6
Disloved acetalene gas (d.a.gas)	Th. Cu. Metres	0.3	5384.23	4989.25	-7.3
CAPITAL GOODS					
Rubber conveyor belting	Tonnes	0.1	23178.00	23949.00	3.3
Complete tractors	Numbers	4.6	304409.00	303326.00	-0.4
Refrigerators & air-conditioning plants	Rs. Lakh	0.6	9668.20	12064.15	24.8
Cooling towers	Rs. Lakh	0.2	37551.00	54661.00	45.6
Cranes	Tonnes	0.2	21580.00	22390.00	3.8
Lifts	Numbers	0.2	8439.00	8697.00	3.1
Power driven pumps	Th. Nos.	1.9	789.83	1129.64	43.0
Air and gas compressor (IPP)	Numbers	0.7	109659.00	88990.00	-18.8
Cutting tools (lathes etc.)	Th. Nos.	1.1	2670.75	4887.11	83.0

TABLE 3.17 (CONTD.) PRODUCTION PERFORMANCE OF SELECTED INDUSTRIES

Item Description	Unit	Weight	2007-08	2008-09	Growth(%)
Electric generators (including alternators)	Rs.Lakh	2.0	147415.98	177890.83	20.7
Electric motors (IPP)	Lakh. H.P.	1.9	128.78	134.49	4.4
Power & dist. transformers (IPP)	Mill. K.V.A	3.0	73.26	73.19	-0.1
Turbines (steam/hydro)	Rs. Lakh	2.1	351814.28	419300.36	19.2
Telecommunication cables	Mill. Mtr	2.5	8013.20	7073.27	-11.7
PVC/PICL	K. Metre	0.3	62678.00	70622.18	12.7
Computer system and its peripherals	Rs. Lakh	4.0	420109.86	295912.78	-29.6
Commercial vehicles	Numbers	1.0	545104.00	416491.00	-23.6
Zeep type vehicles	Numbers	0.7	345883.00	309035.00	-10.7
Auto rickshaws	Numbers	0.9	500592.00	496828.00	-0.8
Process control instruments	Rs. Lakh	3.3	47167.86	37033.42	-21.5
Switchgear (circuit breakers)	Numbers	0.4	18938508.00	17728849.00	-6.4
H.T.Insulators	Tonnes	1.6	55311.00	55951.00	1.2
Boilers	Rs.Lakh	2.2	823133.97	1015570.74	23.4
Well/off shore plateforms	Rs. Lakh	7.1	65645.43	79446.39	21.0
Agricultural implements	Rs. Lakh	3.1	3137.05	2302.72	-26.6
Hydraulic machine/hydraulic cylinders	Rs. Thousand	1.3	1184203.00	1937136.00	63.6
Material handling equipment in cl.wagon	Rs. Lakh	1.7	122002.17	115168.98	-5.6
Diamond tools	Numbers	0.4	3376146.00	2982613.00	-11.7
Printing machinery	Rs. Lakh	0.3	54351.96	50442.82	-7.2
Diesel engines (IPP)	Numbers	8.3	517.23	617.29	19.3
Dumper	Numbers	0.5	683.00	817.00	19.6
Wheel mounted dump loaders	Numbers	0.5	2512.00	2104.00	-16.2
Protection system/switch board/switch gear etc.	Rs. Thousand	4.1	5617909.00	5998807.00	6.8
Insulated cables/wires all kinds	Core Km.	2.4	2579704.00	5702841.00	121.1
Control panels/boards/disks	Rs. Lakh	1.0	99130.82	91411.87	-7.8
Electric motors phase one	Numbers	1.6	3265634.00	2944034.00	-9.8
Furnaces	Rs. Lakh	0.0	15585.55	11235.22	-27.9
Monoblocks	Numbers	0.2	239854.00	229679.00	-4.2
Ship building and repair	Rs. Lakh	3.3	328317.84	376485.51	14.7
Machine tools (IPP)	Rs. Lakh	1.4	269144.56	243238.00	-9.6
Industrial machinery	Rs. Lakh	5.3	355892.33	516402.51	45.1
Medical and surgical instruments	Rs. Lakh	1.2	32980.07	32062.87	-2.8
Laboratory and scientific instruments	Rs. Lakh	4.3	5456.12	5639.36	3.4
CONSUMER DURABLES					
Bicycle tubes	Mill. Nos	0.6	117.84	106.59	-9.5
Bicycle tyres	Mill. Nos	0.5	95.40	86.82	-9.0
Giant tubes	Th. Nos.	0.2	8377.10	7705.75	-8.0
Giant tyres	Th. Nos.	3.9	14335.13	13622.56	-5.0
Two wheeler tyres	Th. Nos.	1.1	22986.41	24060.48	4.7
Tractor tyres/animal driven vehicles tyres	Th. Nos.	0.6	2590.72	2817.28	8.7

TABLE 3.17 (CONTD.) PRODUCTION PERFORMANCE OF SELECTED INDUSTRIES

Item Description	Unit	Weight	2007-08	2008-09	Growth(%)
Refrigerators (domestic)	Th. Nos.	1.5	7393.00	7614.75	3.0
Electric fans all kinds (IPP)	Lakh Nos.	2.1	78.71	76.73	-2.5
Telephone instruments	Th. Nos.	6.2	4607.00	3812.00	-17.3
T.V. receivers	Th. Nos.	5.0	5767.32	7574.21	31.3
Passenger cars	Numbers	4.3	1421984.00	1516791.00	6.7
Scooter and mopeds	Numbers	5.8	1505760.00	1559447.00	3.6
Motor cycles	Numbers	3.8	6503532.00	6801964.00	4.6
Bicycles all kinds	Th. Nos.	3.5	11397.41	11123.38	-2.4
A.C.poly phase house service meters	Mill. Nos	1.0	0.41	0.51	23.8
A.C.single phase house service meters	Mill. Nos	1.1	1.69	1.25	-26.1
Wrist watches	Th. Nos.	3.9	12636.00	11927.00	-5.6
Alarm time pieces	Th. Nos.	2.7	406.49	406.49	0.0
Tape recorders	Th. Nos.	0.3	13.07	13.07	0.0
Pressure cookers	Numbers	0.4	3914607.00	4205846.00	7.4
Washing/ laundry machines etc.	Numbers	1.9	2168858.00	2344542.00	8.1
Metallic utensils excl. pressure cooker	Rs. Thousand	1.9	275070.00	288077.00	4.7
Typewriters	Numbers	0.3	16696.00	8327.00	-50.1
Window type air conditioners	Numbers	0.1	773035.00	801905.00	3.7
CONSUMER NON-DURABLES					
Milk powder of all kinds	Tonnes	10.1	162201.00	163049.00	0.5
Wheat flour/maida	Th. Tonnes	21.4	2152.30	2167.15	0.7
Biscuits (IPP)	Tonnes	2.7	504972.00	634431.00	25.6
Chocolate & sugar confectionary	Tonnes	3.7	56570.00	64044.00	13.2
Soap all kinds (IPP)	Tonnes	2.9	403404.00	477793.00	18.4
Malted food	Tonnes	2.6	83840.00	52917.00	-36.9
Rectified spirit	K. Litre	3.6	1141156.05	999194.00	-12.4
Beer	K. Litre	1.1	407665.00	452071.00	10.9
Soft drink & soda	Mil. Bottles	3.7	1499.63	1573.31	4.9
Cigarettes	Mill. Nos	8.3	86963.66	87046.80	0.1
Paper & paper board (IPP)	Tonnes	13.8	4259675.00	4467274.00	4.9
Leather footwear indian type (IPP)	Th. Pairs	0.3	6592.25	6819.04	3.4
Leather footwear western type	Th. Pairs	1.5	20470.95	19892.59	-2.8
Trimethoprim	Kg.	1.2	356495.00	339686.00	-4.7
Ampicillin	Kg.	5.8	556387.00	688663.00	23.8
Detergent all kinds	Tonnes	1.9	1102429.00	943320.00	-14.4
Toothpaste	Tonnes	1.2	56999.00	69253.00	21.5
Toothpowder	Tonnes	0.3	6648.00	7959.00	19.7
Matches (IPP)	Mil. boxes	0.7	7154.02	4782.18	-33.2
Rubber footwear	Mill. Pairs	1.0	30.56	31.97	4.6
Razor blades	Mill. Nos	1.6	7808.70	7329.20	-6.1
Dry cells	Mill. Nos	0.4	2518.30	2146.57	-14.8
G.L.S. lamps	Mill. Nos	0.8	430.76	427.39	-0.8
Fluorescent tubes	Lakh Nos.	0.5	2149.20	1975.03	-8.1
Indian made foreign liquor	K. Litre.	4.6	302328.00	343494.00	13.6

TABLE 3.17 (CONTD.) PRODUCTION PERFORMANCE OF SELECTED INDUSTRIES

Item Description	Unit	Weight	2007-08	2008-09	Growth(%)
Country liquor.	K. Litre.	2.6	186106.00	250283.00	34.5
Sulpha drugs	Tonnes	1.8	2343.81	2679.79	14.3
Vitamin c	Kg.	5.9	142145.00	50000.00	-64.8
Vitamin a	M.M.U.	10.7	83.15	95.72	15.1
Leather garments	Rs. Lakh	0.8	28555.20	34091.13	19.4
Leather goods	Rs. Lakh	0.2	5612.56	5185.60	-7.6
Hair oil/ayurvedic hair oil	K. Litre	2.5	32694.00	35964.00	10.0
Agarbathi	Rs. Lakh	0.4	5106.37	41577.25	714.2
Auto lamps	Th. Nos.	0.3	73189.00	73919.00	1.0
Syringes all types	Rs. Lakh	2.8	17850.01	21351.22	19.6
Fire works	Tonnes	0.4	8522.00	8709.00	2.2
Writing instruments	Rs. Thousand	4.5	658776.00	565885.00	-14.1
Pencillin	M.M.U.	1.7	1196.00	1831.07	53.1
Contraceptives	Th. Nos.	0.5	3060500.00	2689500.00	-12.1
INTERMEDIATE GOODS					
Particle board	Sq. Mtrs	10.3	6384069.00	5459175.00	-14.5
Plywood commercial	Sq. Mtrs	16.7	5741970.00	11705116.00	103.9
Newsprint bleached	Tonnes	4.8	1038610.00	1104178.00	6.3
Finished leather	Th. Pcs	2.5	28247.51	27840.00	-1.4
Caprolactum	Tonnes	0.2	86475.00	84461.00	-2.3
P.V.C. resins	Tonnes	0.3	1002353.00	1050916.00	4.8
Synthetic rubber	Tonnes	0.3	91807.00	85472.00	-6.9
P.F. moulding powder	Tonnes	0.5	2605.00	2515.00	-3.5
Rubber chemicals	Tonnes	0.7	35063.00	30669.00	-12.5
H.D.P.E	Tonnes	2.3	968294.00	940142.00	-2.9
Paints, enamels & varnishes (IPP)	Tonnes	5.3	541744.00	541876.00	0.0
Organic pigments	Tonnes	2.9	23020.00	22295.00	-3.1
Reactive dyes	Tonnes	1.1	1354.00	1238.00	-8.6
Polyster fibre	Tonnes	6.8	911924.00	842892.00	-7.6
Cine film & x-ray films	Th. Sq. Mtrs.	1.5	16303.00	16811.00	3.1
Laminates (decorative)	Tonnes	2.8	32738.00	31989.00	-2.3
PVC pipes & tubes	Tonnes	15.1	46331.08	42993.94	-7.2
Asbestos cement sheets	Th. Tonnes	1.4	2298.76	2232.35	-2.9
Asbestos cement pressure and building pipes etc.	Th. Tonne	0.3	149.64	149.64	0.0
L.P.G. cylinders	Th. Nos.	0.7	2597.20	2837.59	9.3
Drums & barrels	Tonnes	2.0	61668.00	48449.00	-21.4
Tin metal containers	Tonnes	3.3	39008.00	39069.00	0.2
Spun pipes	Tonnes	1.3	105412.00	84561.00	-19.8
Bolts & nuts (IPP)	Tonnes	2.7	90567.00	83586.00	-7.7
Welded link chains	Tonnes	0.9	26792.00	22720.00	-15.2
Ball & roller bearings	Lakh Nos.	4.9	2890.57	2905.66	0.5
Power capacitors	KVAR	0.4	11247464.00	12499787.00	11.1
ACSR/AA conductors	Tonnes	0.5	16187.00	17407.00	7.5

TABLE 3.17 (CONTD.) PRODUCTION PERFORMANCE OF SELECTED INDUSTRIES

Item Description	Unit	Weight	2007-08	2008-09	Growth(%)
Winding wires	Tonnes	0.9	28849.00	30104.00	4.4
T.V. picture tubes	Th. Nos.	0.7	6490.15	6783.22	4.5
Electrolytic capacitors	Mill. Nos	1.9	870.41	824.81	-5.2
Auto ancillary & parts	Rs. Lakh	6.9	1597344.98	1671972.21	4.7
Springs	Tonnes	4.1	17637.00	17407.00	-1.3
Shoe uppers	Th. Pairs	6.0	10344.00	9334.00	-9.8
Synthetic resins	Tonnes	1.1	147196.00	149191.00	1.4
Gear boxes	Numbers	0.4	111928.00	97757.00	-12.7
Metallised bopp films	Tonnes	3.0	96346.00	94481.00	-1.9
Monocrotophos	Tonnes	3.5	5349.00	5065.00	-5.3
Endosulfan technical	Tonnes	3.7	7953.00	14429.00	81.4
Glazed tiles/ceramic tiles	Tonnes	8.5	1364786.70	1380757.12	1.2
Sealed compressors	Numbers	0.9	5571005.00	5275321.00	-5.3
Storage batteries	Lakh Nos.	1.4	409.89	430.52	5.0
Bottles/bottle glass wares	Tonnes	4.4	916793.00	903113.00	-1.5
Polished granite/stone chips	Rs. Lakh	3.9	9955.78	9530.46	-4.3
Railway/concrete sleeper	Numbers	1.6	825002.00	670536.00	-18.7
Welding electrodes/rods	Th. Run Mt	0.6	358788.00	312122.00	-13.0
Stamping (lamination)	Tonnes	1.0	55812.00	64430.00	15.4
Rayon grade pulp (machine made pulp all kinds)	Tonnes	2.9	201194.00	167028.00	-17.0
Adhesives all types	Tonnes	1.2	36228.00	46427.00	28.2
Lighting, fitting & fixtures	Rs. Lakh	0.7	4601.28	4601.28	0.0
Valves all kinds	Rs. Lakh	0.8	210754.00	220251.60	4.5
Parts & accessories (pumps & compressors)	Rs. Lakh	0.4	3549.33	4032.76	13.6
Corrugated boxes/cartons (all kinds)	Tonnes	5.0	23400.00	22706.00	-3.0
Sheets (pvc/rubber)	Tonnes	2.6	31548.00	30131.00	-4.5
Photo film/roll film	Rs. Thousand	1.3	811249.00	442849.00	-45.4
Viscose tyre cord	Tonnes	0.6	7335.00	5906.00	-19.5
Gelatine	Tonnes	0.4	6866.00	6986.00	1.7
Graphite electrodes & anodes	Tonnes	2.4	112854.00	104565.00	-7.3
Motor starters and contactors	Th. Nos.	0.0	8739.39	9882.94	13.1
Aluminium collapsable tubes	Mill. No.	0.6	91.94	85.16	-7.4
Rubber hoses (other type)	K. Metres	0.2	7496.55	5703.74	-23.9
L.D.P.E	Tonnes	0.5	198139.00	191214.00	-3.5
Viscose staple fibre	Tonnes	5.1	277819.00	231815.00	-16.6
Nylon tyre cord	Tonnes	0.8	81473.00	68547.00	-15.9
Fatty acids	Tonnes	0.1	261480.00	281645.00	7.7
Industrial explosives	Tonnes	0.0	199886.00	228959.00	14.5
Azo dyes	Tonnes	0.5	3361.00	3599.00	7.1
Optical whitening agent (IPP)	Tonnes	0.2	5525.00	6096.00	10.3

Source: CSO (Data compiled by the Office of the Economic Adviser, Ministry of Commerce & Industry).

TABLE 3.18 DOMESTIC PRODUCT FROM MANUFACTURING – REGISTERED (AT CURRENT PRICES)

(Rs. crore)

NIC code	Description 1	2001-02 2	2002-03 3	2003-04 4	2004-05 5	2005-06 6	2006-07 7	2007-08 8
15	Food Products	21490	26432	29846	32733	35119	41292	47858
16	Tobacco Products	3343	3178	2908	3299	4714	5577	6336
17+18+19	Textile & Leather Products	22916	24710	26287	30266	31676	35593	36834
20	Wood and Wood Products	366	310	332	304	310	425	625
21+22	Paper and Printing etc	6270	6744	7786	8649	8764	10180	10648
23+25	Rubber, Petroleum Prod.etc.	23588	26421	29477	34029	39989	48621	53819
24	Chemical and Chemical Products	52254	55750	61429	72414	81276	91790	107115
26	Non-Metallic Products	10975	11488	12314	13301	15917	20243	23295
27	Basic Metals	25669	28992	36912	47466	59057	77605	93124
28+29+30	Metal Products and Machinery	19882	22702	25097	29921	34131	39384	42954
31+32	Electrical Machinery	15542	13724	16469	21614	25218	31398	38847
33	Other Manufacturing	10626	11773	12927	14662	18682	19805	23583
34+35	Transport Equipment	16477	18969	22169	24176	28231	32980	34850
36	Furniture	465	393	421	385	394	539	793
37	Recycling	3	3	4	5	6	8	9
	Gross Domestic Product	229864	251586	284376	333224	383485	455438	520689
	Unadjusted for F.I.S.I.M.							
	less: F.I.S.I.M.	16187	15852	19073	20602	23076	26905	32111
	Gross Domestic Product	213677	235734	265303	312622	360409	428533	488578
	less: Consumption of Fixed cap.	55403	59938	66349	77646	91810	109136	131200
	Net Domestic Product	158274	175796	198954	234976	268600	319397	357377

F.I.S.I.M.: Financial intermediation services indirectly measured

Source: Central Statistical Organisation.

TABLE 3.18 (CONTD.) DOMESTIC PRODUCT FROM MANUFACTURING – REGISTERED (AT 1999-2000 PRICES)

(Rs. crore)

NIC code	Description	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
9		10	11	12	13	14	15	16
15	Food Products	22264	25867	26983	27716	29039	31694	34422
16	Tobacco Products	2884	2618	2370	2607	3605	4083	4141
17+18+19	Textile & Leather Products	22310	23616	23253	25915	28203	31118	32468
20	Wood and Wood Products	407	335	358	328	309	399	561
21+22	Paper and Printing etc	5417	5787	6708	7396	7330	7970	8186
23+25	Rubber, Petroleum Prod.etc.	16874	17802	18592	19008	19832	22389	24374
24	Chemical and Chemical Products	47987	49755	53802	61853	67025	73470	81213
26	Non-Metallic Products	9710	10206	10578	10746	11929	13453	14220
27	Basic Metals	24604	26880	29316	30925	35809	43986	49315
28+29+30	Metal Products and Machinery	18066	20091	21509	23733	25242	28124	29903
31+32	Electrical Machinery	14007	12501	14975	18994	21531	24875	27513
33	Other Manufacturing	10103	10906	11332	12096	14954	15180	17220
34+35	Transport Equipment	15197	17413	20364	21215	23905	27497	28289
36	Furniture	517	426	455	416	393	507	712
37	Recycling	2	3	3	3	4	4	5
	Gross Domestic Product Unadjusted for F.I.S.I.M.	210349	224204	240598	262951	289111	324750	352544
	less: F.I.S.I.M.	15242	14295	15679	17609	21011	25420	30559
	Gross Domestic Product	195107	209909	224919	245343	268100	299329	321985
	less: Consumption of Fixed cap.	50165	53516	57611	63177	71006	80709	92231
	Net Domestic Product	144942	156393	167308	182166	197094	218620	229754

F.I.S.I.M.: Financial intermediation services indirectly measured

Source: Central Statistical Organization.

TABLE 3.19 DOMESTIC PRODUCT FROM MANUFACTURING-UNREGISTERED (AT CURRENT PRICES)

(Rs. crore)

NIC code	NIC code description 1	2001-02 2	2002-03 3	2003-04 4	2004-05 5	2005-06 6	2006-07 7	2007-08 8
15	Food Products	15082	18714	22000	23038	24161	28796	33291
16	Tobacco Products	2749	2614	2392	2713	3877	4587	5212
17+18+19	Textile & Leather Products	23335	25095	26629	30962	32655	36259	37658
20	Wood and Wood Products	5941	5025	5379	4924	5035	6889	10132
21+22	Paper and Printing etc	4054	4361	5035	5592	5667	6582	6885
23+25	Rubber, Petroleum Prod.etc.	6447	7221	8056	9300	10929	13288	14709
24	Chemical and Chemical Products	4501	4802	5291	6237	7000	7906	9226
26	Non-Metallic products	7764	8127	8712	9410	11261	14321	16481
27	Basic Metals	4544	5133	6535	8403	10455	13739	16486
28+29+30	Metal Products and Machinery	12790	14878	16696	20158	23188	26969	29423
31+32	Electrical Machinery	4687	4138	4966	6517	7604	9468	11714
33	Other Manufacturing	7961	8172	9302	11716	15120	17019	21390
34+35	Transport Equipment	2051	2361	2759	3009	3514	4105	4338
36	Furniture	2196	1857	1988	1820	1861	2546	3745
37	Recycling	141	159	203	261	325	427	481
	Gross Domestic Product Unadjusted for F.I.S.I.M.	104244	112656	125942	144062	162652	192901	221169
	Less: F.I.S.I.M.	2607	2361	2696	3081	3318	3786	4617
	Gross Domestic Product	101637	110295	123246	140981	159334	189115	216552
	Less: Consumption of Fixed cap.	16796	118495	21553	26777	31920	37709	44066
	Net Domestic Product	84840	91800	101693	114205	127415	151406	172486

F.I.S.I.M. : Financial intermediation services indirectly measured

TABLE 3.19 (CONTD.) DOMESTIC PRODUCT FROM MANUFACTURING-UNREGISTERED (AT 1999-2000 PRICES)

(Rs. crore)

NIC code	Description	2001-02 9	2002-03 10	2003-04 11	2004-05 12	2005-06 13	2006-07 14	2007-08 15
15	Food Products	15796	18123	19402	19528	20125	21895	23567
16	Tobacco Products	2372	2153	1949	2144	2965	3358	3406
17+18+19	Textile & Leather Products	23020	24485	23945	26875	29173	31948	33344
20	Wood and Wood Products	6605	5440	5814	5319	5017	6475	9099
21+22	Paper and Printing etc	3503	3742	4337	4782	4740	5153	5293
23+25	Rubber, Petroleum Prod.etc.	4612	4865	5081	5195	5420	6119	6662
24	Chemical and Chemical Products	4133	4285	4634	5327	5773	6328	6995
26	Non-Metallic products	6869	7220	7484	7602	8439	9518	10061
27	Basic Metals	4356	4759	5190	5475	6339	7787	8731
28+29+30	Metal Products and Machinery	11623	13167	14309	15989	17149	19259	20484
31+32	Electrical Machinery	4224	3769	4515	5727	6492	7501	8296
33	Other Manufacturing	7570	7570	8155	9666	12103	13045	15619
34+35	Transport Equipment	1891	2167	2535	2640	2975	3422	3521
36	Furniture	2441	2011	2149	1966	1854	2393	3363
37	Recycling	135	148	161	170	197	242	271
	Gross Domestic Product Unadjusted for F.I.S.I.M.	99151	103905	109660	118406	128763	144441	158712
	less: F.I.S.I.M.	2455	2129	2216	2633	3021	3577	4394
	Gross Domestic Product	96696	101776	107444	115772	125742	140864	154318
	Less: Consumption of Fixed cap.	15178	16311	17981	20384	22726	25566	28705
	Net Domestic Product	81518	85465	89463	95388	103016	115298	125613

F.I.S.I.M. : Financial intermediation services indirectly measured

Source: Central Statistical Organisation.

TABLE 3.20 PRINCIPAL CHARACTERISTICS, ALL INDIA
(Value Fig. In Rs. Lakh, Mandays in Thousand and others in numbers)

Item	1980-81	1990-91	2000-01	2002-03	2003-04	2004-05	2005-06
Number of Factories	105037	110179	131268	127957	129074	136353	140160
Fixed Capital	3070259	13364756	39960422	44475938	47333140	51306925	60694028
Working Capital	1505488	4252036	10520839	10012110	11923049	16005396	18446260
Invested Capital	5399127	19491285	57179940	63747308	67959786	75941770	90157861
Outstanding loans	3249934	10456557	25795392	26339233	28977564	33463375	35150737
No. of Workers	6105622	6307143	6135238	6161493	6086908	6599298	7136097
Mandays – Workers	1686248	1949506	NA	1870226	1840986	1995220	2154187
No. of Employees	7777868	8162504	NA	7870529	7803395	8383278	9038523
Mandays - Employees	2154214	2542346	NA	2397579	2368602	2544598	2739729
Total persons engaged	7894254	8279403	7987780	7935948	7870081	8453624	9111680
Wages to workers	439417	1319205	2934792	2968905	3047777	3363505	3766366
Total emoluments	677753	2058633	5071873	5515801	5833675	6440594	7400820
Social Security benefits	13832	216438	1113866	815297	878363	1390688	1469551
Old Age and other Benefits	50425	160118	1113866	503115	533395	583074	612293
Fuel Consumed	524730	2089975	5896802	6657582	9198216	8585384	9662969
Material Consumed	4354078	16694319	56144875	70077245	77501526	102434747	120428441
Total inputs	5694900	20898600	74855152	91618549	103962329	136294133	154365843
Products & by products	6539253	25275671	81847916	100128587	113574250	144520293	169755185
Value of Output	7363046	27056353	92690185	113056111	128740055	167256142	190835548
Depreciation	216889	1006294	3472893	4203558	4482349	4971324	5283286
Net Value Added	1451257	5151459	14362141	17234004	20295377	25990686	31186419
Rent Paid	16881	88474	407862	379356	416084	453845	529948
Interest Paid	326918	1488850	4198659	3835182	3397229	3245360	3339801
Rent Received	NA	NA	97347	13019466	16482065	22291481	145506
Interest received	NA	NA	280361	541866	1271031	2553722	308173
Net Income	1107458	3574136	9755619	4745424	5753380	7525046	27316670
Net Fixed Capital Formation	507756	1422965	1215034				7324388
Gross Fixed Capital Formation	724646	2429259	4687927				12607674
Addition in stocks of							
1. Material, fuels etc.	134693	400620	236267	1087077	1318920	2377486	2178056
2. Semi Finished Goods	42637	118404	232012	229669	130864	642020	853964
3. Finished Goods	104065	307620	985274	335468	215599	462739	1517008
4. Total	281401	826643	1453553	1652214	1665383	3482245	4549027
Gross Capital formation	1006054	3255902	6141480	6397638	7418762	11007290	17156701
Profits	339576	1138947	3569880	6185254	9236632	14460199	18446298

Note : N.A.: Not available

Source: Central Statistical Organisation - Annual Survey of Industries 2005-06.

TABLE 3.21 PRINCIPAL CHARACTERSTICS BY MAJOR INDUSTRY GROUP FOR THE YEAR 2005-06 (PERCENTAGE DISTRIBUTION)

NIC 2004	Industry Description	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Employees	Wages to Workers
15	Food Products And Beverages	18.35	7.47	8.14	10.21	15.31	15.27	10.58
16	Tobacco & Related Products	2.39	0.29	0.47	0.47	6.26	5.20	2.12
17	Textiles Products	9.85	9.20	8.59	8.73	15.99	14.67	14.05
18	Wearing Apparel, Dressing & Dyeing Of Fur	2.60	1.02	1.22	1.29	6.56	5.95	4.80
19	Leather & Related Products	1.74	0.45	0.62	0.70	2.06	1.91	1.47
20	Wood And Wood Products	2.16	0.19	0.26	0.28	0.60	0.62	0.39
21	Paper And Paper Products	2.67	2.46	2.27	2.15	1.94	1.95	2.17
22	Publishing, Printing And Related Activities	2.37	1.11	1.21	0.99	1.20	1.48	1.47
23	Coke, Petroleum Products And Nuclear Fuel	0.74	10.71	9.60	10.46	0.92	0.94	2.44
24	Chemicals And Chemical Products	7.84	17.78	17.24	16.17	7.86	9.06	10.01
25	Rubber And Plastic Products	5.25	2.77	2.93	2.68	3.41	3.48	3.33
26	Non-Metallic Mineral Products	9.99	6.54	6.00	5.50	6.61	6.36	4.84
27	Basic Metals	5.16	19.73	17.93	17.81	6.84	7.06	11.46
28	Fabricated Metal Products	6.09	1.69	2.19	2.28	4.06	4.09	4.08
29	Machinery And Equipment N.E.C.	6.80	3.28	4.30	4.25	4.43	5.12	6.35
30	Office, Accounting And Computing Machinery	0.13	0.50	0.86	0.47	0.20	0.24	0.26
31	Electrical Machinery And Apparatus, N.E.C	2.90	1.79	2.59	2.42	2.80	3.01	3.76
32	Radio, Television And Communication Equipments	0.74	1.97	2.23	1.92	1.09	1.27	1.47
33	Medical, Precision And Optical Instruments	0.70	0.37	0.57	0.44	0.68	0.78	0.85
34	Motor Vehicles, Trailers And Semi-Trailers	2.19	4.34	4.21	4.19	3.87	3.95	6.47
35	Other Transport Equipments	1.35	1.53	1.36	1.57	2.17	2.19	3.12
36	Furniture & Other Manufacturing N.E.C.	1.83	0.71	1.40	1.65	2.06	2.08	2.43
37	Recycling	0.06	0.01	0.01	0.01	0.02	0.02	0.02
	Other Industries	3.92	3.92	3.49	3.07	1.61	1.95	1.56
	All Industries	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

TABLE 3.21 (CONTD.) PRINCIPAL CHARACTERSTICS BY MAJOR INDUSTRY GROUP FOR THE YEAR 2005-06 (PERCENTAGE DISTRIBUTION)

NIC-2004	Description	Total Emol.	Total Input	Total Output	Depreci-ation	Net Value Added	Rent Paid	Interest Paid
15	Food Products And Beverages	9.88	13.01	11.97	8.03	7.52	9.14	14.59
16	Tobacco & Related Products	1.42	0.51	0.70	0.35	1.73	0.94	0.27
17	Textiles Products	10.71	6.79	6.74	10.27	5.90	5.92	11.53
18	Wearing Apparel, Dressing & Dyeing Of Fur	3.88	1.42	1.46	1.18	1.70	4.54	1.42
19	Leather & Related Products	1.15	0.84	0.80	0.60	0.64	1.04	0.63
20	Wood And Wood Products	0.35	0.26	0.26	0.22	0.24	0.32	0.40
21	Paper And Paper Products	1.95	1.26	1.30	2.07	1.38	1.49	2.43
22	Publishing, Printing And Related Activities	2.14	0.76	0.89	1.38	1.42	2.45	1.23
23	Coke, Petroleum Products And Nuclear Fuel	2.29	15.98	15.44	9.12	13.79	3.94	2.35
24	Chemicals & Chemical Products	13.56	11.91	12.66	17.34	15.58	15.62	14.36
25	Rubber And Plastic Products	3.22	2.84	2.76	3.37	2.28	2.77	3.80
26	Non-Metallic Mineral Products	4.45	2.55	2.89	5.75	4.11	9.93	4.57
27	Basic Metals	11.04	13.23	13.38	16.07	13.65	6.82	18.93
28	Fabricated Metal Products	4.07	2.64	2.67	1.98	2.92	3.37	2.78
29	Machinery And Equipment N.E.C.	7.88	4.84	4.96	4.05	5.69	8.31	4.42
30	Office, Accounting And Computing Machinery	0.47	0.39	0.47	0.77	0.80	0.77	0.14
31	Electrical Machinery And Apparatus, N.E.C	4.25	3.51	3.55	2.27	4.00	5.51	3.40
32	Radio, Television And Communication Equipments	2.21	1.82	1.79	1.97	1.61	2.74	2.17
33	Medical, Precision And Optical Instruments	1.06	0.47	0.54	0.54	0.91	1.08	0.58
34	Motor Vehicles, Trailers And Semi-Trailers	6.62	6.07	6.33	6.59	7.53	4.52	2.54
35	Other Transport Equipments	3.08	2.55	2.63	2.06	3.07	2.97	1.26
36	Furniture & Other Manufacturing N.E.C.	2.17	2.60	2.35	0.88	1.34	1.69	2.09
37	Recycling	0.01	0.02	0.02	0.01	0.01	0.01	0.01
	Other Industries	1.77	2.92	2.76	2.97	1.91	3.81	3.59
	All Industries	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

Source : CSO (Annual Survey of Industries 2005-06)

TABLE 3.22 STRUCTURAL RATIOS AND TECHNICAL COEFFICIENTS BY MAJOR INDUSTRY GROUPS IN ASI 2005-06

NIC-2004	Description	FC per Employee (RS.)	NVA per Employee (Rs.)	Wages per Worker (Rs.)	FC to NVA	FC to Output	NVA to Output
15	Food Prods. & Beverages	325928	168550	36472	1.93	0.20	0.10
16	Tobacco & Related Products	37535	114235	17893	0.33	0.13	0.40
17	Textiles Products	417476	137721	46366	3.03	0.43	0.14
18	Wearing Apparel, Dressing & Dyeing of Fur	114279	98042	38608	1.17	0.22	0.19
19	Leather & Related Products	158272	114388	37850	1.38	0.18	0.13
20	Wood & Wood Prods.	202346	135428	34122	1.49	0.23	0.16
21	Paper & Paper Prods.	839358	242180	58931	3.47	0.60	0.17
22	Publishing, Printing and Related Activities	497488	328638	64402	1.51	0.40	0.26
23	Coke, Petroleum Prods & Nuclear Fuel	7624869	5043041	140109	1.51	0.22	0.15
24	Chemicals & Chemical Prods.	1307719	588764	67233	2.22	0.45	0.20
25	Rubber & Plastic Prods.	530145	224098	51614	2.37	0.32	0.13
26	Non-Metallic Mineral Prods.	685826	221558	38604	3.10	0.72	0.23
27	Basic Metals	1860514	661481	88457	2.81	0.47	0.17
28	Fabricated Metal Products	274683	244264	52958	1.12	0.20	0.18
29	Machinery and Equipment n.e.c.	427382	380301	75642	1.12	0.21	0.19
30	Office, Accounting and Computing Machinery	1402365	1139084	69202	1.23	0.34	0.28
31	Electrical Machinery and Apparatus, n.e.c	396275	454483	70916	0.87	0.16	0.18
32	Radio, Television and Communication Equip.	1032728	434540	71024	2.38	2.38	0.15
33	Medical, Precision and Optical Instruments	318530	399114	65681	0.80	0.80	0.27
34	Motor Vehicles, Trailers and Semi-trailers	731168	652217	88286	1.12	1.12	0.19
35	Other Transport Equipments	464627	480829	76100	0.97	0.97	0.19
36	Furniture & Other Manufacturing n.e.c.	227336	219899	62258	1.03	1.03	0.09
37	Recycling	249804	88703	41458	2.82	2.82	0.05
	Other Industries	1341099	336012	51121	3.99	3.99	0.11
	All Industries	**666112**	**342269**	**52779**	**1.95**	**0.32**	**0.16**

Note: FC:- Fixed Capital
NVA:- Net Value Added

Source : CSO (Annual Survey of Industries 2005-06)

CHAPTER - IV

INFRASTRUCTURE INDUSTRIES

4.1 Annual Growth Rates of Six Infrastructure Industries viz. electricity, coal, finished steel, crude petroleum and petroleum refinery products and their overall Growth Rates are given in Table No. 4.1 and Figure 4.1. Item wise representation are shown in Figure 4.2 to Figure 4.7

Table 4.1 CUMULATIVE GROWTH RATES OF SIX INFRASTRUCTURE INDUSTRIES (IN PERCENT)

Period	Crude Petroleum	Petroleum Refinery Products	Electricity	Coal	Finished Steel	Cement	Overall
1995-96	7.1	3.9	8.3	6.4	21.9	11.5	10.6
1996-97	-4.7	7.0	3.8	5.7	5.8	9.6	3.7
1997-98	2.9	3.7	6.6	3.6	6.3	9.1	5.7
1998-99	-3.4	5.2	6.6	-2.1	1.3	5.7	2.8
1999-00	-2.4	25.4	7.2	3.1	15.0	14.3	9.1
2000-01	1.4	20.3	3.9	3.5	6.4	-0.9	5.1
2001-02	-1.2	3.7	3.1	4.2	3.6	7.4	3.2
2002-03	3.4	4.9	3.2	4.6	7.3	8.8	5.0
2003-04	0.7	8.2	5.1	4.1	9.8	6.1	6.1
2004-05	1.8	4.3	5.2	6.2	8.4	6.6	5.8
2005-06	-5.2	2.1	5.1	6.6	10.8	12.4	6.1
2006-07	5.6	12.9	7.3	5.9	13.1	9.1	9.2
2007-08	0.4	6.5	6.3	6.3	6.2	8.1	5.9
2008-09	-1.8	3.0	2.7	7.8	0.4	7.2	2.6
Annual Average (1995-96 to 2008-09)	**1.6**	**7.8**	**5.5**	**4.6**	**8.9**	**8.3**	**6.1**

N.B. Data for 2008-09 are provisional. Weights are as per Index of Industrial Production
Base 1993-94=100

Source: Data compiled by Office of the Economic Adviser, Department of Industrial Policy and Promotion, Ministry of Commerce & Industry.

TABLE 4.2 POWER GENERATION IN THE COUNTRY (1991-92 TO 2008-09)

(In Million Unit)

1	Year 2	April 3	May 4	June 5	July 6	Aug. 7	Sept. 8	Oct. 9	Nov. 10	Dec. 11	Jan. 12	Feb. 13	March 14	Apr-March 15
Thermal	1991-92	16984	17282	15444	16137	14825	15586	17887	17677	18851	20045	18350	19483	208551
	2001-02	35290	36090	32905	32566	32374	34277	35161	35285	37430	37636	34399	38574	421987
	2005-06	42430	43089	41597	38335	36955	35369	41422	40400	43686	45203	42241	46487	497214
	2006-07	44404	45127	42473	41266	37968	39690	44230	43723	46675	48775	44100	49118	527547
	2007-08	47310	49145	44904	40908	41333	40786	46564	46502	49929	50856	48632	52120	558990
	2008-09	49288	50446	45717	45452	43809	44718	50228	48908	51597	53023	49520	56317	589915
Nuclear	1991-92	397	445	440	323	443	403	507	556	461	531	514	541	5561
	2001-02	1588	1485	1478	1581	1617	1375	1589	1726	1864	1551	1738	1735	19320
	2005-06	1463	1456	1495	1507	1546	1636	1397	1342	1390	1391	1166	1449	17239
	2006-07	1446	1564	1490	1639	1476	1332	1567	1431	1682	1721	1564	1696	18607
	2007-08	1652	1791	1633	1266	1307	1198	1246	1404	1354	1370	1218	1339	16777
	2008-09	1294	1241	1389	1446	1161	1159	1310	1279	1057	1091	922	1358	14716
Hydro	1991-92	5625	5512	5764	6951	8134	7640	6534	5142	5526	4861	5010	5900	72599
	2001-02	4429	5795	6265	8113	8685	7495	5868	5584	5356	5288	4692	6350	73940
	2005-06	6520	8397	7857	9939	13645	11689	9398	7663	7181	7166	6818	6784	103057
	2006-07	7545	8940	9488	11319	14852	13268	11495	8591	8669	7701	6238	8262	116369
	2007-08	8745	9519	10058	15402	15729	13777	11191	8608	7753	7979	7026	7636	123424
	2008-09	7990	9822	10555	12850	13724	12156	9794	7789	6767	6913	6595	7064	113028
Total	1991-92	23006	23239	21648	23411	23402	23629	24928	23375	24838	25437	23874	25924	286711
	2001-02	41307	43370	40648	42260	42676	43147	42638	42595	44650	44475	40829	46652	515247
	2005-06	50413	52943	50949	49781	52145	48695	52218	49405	52257	53760	50225	54720	617510
	2006-07	53395	55631	53451	54224	54296	54289	57292	53745	57025	58197	51902	59075	662523
	2007-08	58031	60822	57078	58301	59278	56641	59703	56846	59236	60332	56978	61224	704469
	2008-09	58797	61802	58411	60756	59733	59019	61966	58309	59631	61163	57122	64819	723556

Source : Central Electricity Authority

TABLE 4.3 REGION-WISE GENERATION OF ELECTRICITY DURING (2006-07 TO 2008-09) UTILITIES

Region/ Category	Generation (MU)			% Change 2007-08/ 2006-07	% Change 2008-09/ 2007-08
	2006-07	2007-08	2008-09		
Northern					
Thermal	141661	146847	152706	3.7	4.0
Hydro44758	50735	53026	13.4	4.5	
Nuclear	4520	3154	2990	-30.2	-5.2
Total (NR)	**190939**	**200736**	**208721**	**5.1**	**4.0**
Western					
Thermal	170603	187933	202211	10.2	7.6
Hydro18194	18341	13206	0.8	-28.0	
Nuclear	8944	9375	7522	4.8	-19.8
Total (WR)	**197742**	**215649**	**222939**	**9.1**	**3.4**
Southern					
Thermal	117297	123225	129737	5.1	5.3
Hydro38888	39515	32609	1.6	-17.5	
Nuclear	5142	4247	4205	-17.4	-1.0
Total (SR)	**161328**	**166987**	**166551**	3.5	-0.3
Easrtern					
Thermal	94057	96886	100879	3.0	4.1
Hydro8495	9836	9600	15.8	-2.4	
Total (ER)	**102552**	**106722**	**110479**	**4.1**	**3.5**
North-Eastern					
Thermal	3928	4099	4382	4.4	6.9
Hydro3024	4998	4587	65.3	-8.2	
Total (NER)	**6952**	**9097**	**8968**	30.9	-1.4
All India					
Thermal	527547	558990	589915	6.0	5.5
Hydro113359	123424	113028	8.9	-8.4	
Nuclear	18607	16777	14716	-9.8	-12.3
Bhutan Import	3010	5278	5897	75.3	11.7
Grand Total	**662523**	**704469**	**723556**	**6.3**	**2.7**

MU : Million Unit

Source : Central Electricity Authority

TABLE 4.4 STATE-WISE GENERATION OF ELECTRICITY AND PLANT LOAD FACTOR OF THERMAL AND NUCLEAR PLANTS (UTILITIES)

States	Thermal Generation (MU)			Nuclear Generation (MU)			Hydro Generation (MU)			Plant Load Factor (%) Total
	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09	2008-09
Delhi	10561	10935	11018	-	-	-	-	-	-	76.65
Haryana	13356	13332	15885	-	-	-	256	270	282	73.68
Himanchal Pradesh	-	-	-	-	-	-	13514	13945	24510	-
Jammu & Kashmir	-	-	-	-	-	-	7306	8920	9871	-
Punjab	15435	16457	18066	-	-	-	4396	4603	5294	85.48
Rajasthan	21715	22975	24034	3496	2480	2255	1116	1400	671	88.86
Uttar Pradesh	80594	83148	83723	1024	674	740	1417	923	1097	81.42
Uttaranchal	-	-	-	-	-	-	6689	9715	11325	-
Chattisgarh	25728	28342	42085	-	-	-	388	263	292	90.98
Goa	355	327	325	-	-	-	-	-	-	-
Gujarat	49827	51887	51305	2446	2036	1213	4870	5672	2861	75.58
Madhya Pradesh	34160	40397	42659	-	-	-	5698	6170	4827	79.97
Maharashtra	60535	66981	65966	6499	7339	6298	7237	6236	5204	81.07
Andhra Pradesh	56875	59616	63950	-	-	-	9822	9872	8160	91.68
Karnataka	13899	13325	14786	2524	2495	2688	15189	14785	13154	71.05
Kerala	1591	2487	3619	-	-	-	7593	8425	5912	-
Lakshdweep	28	29	28	-	-	-	-	-	-	-
Podnicherry	278	275	258	-	-	-	-	-	-	-
Tamil Nadu	44626	47494	47130	2618	1752	1518	6284	6433	5369	76.92
A &N Island	182	196	201	-	-	-	9	8	10	-
Bihar	6617	6977	9742	-	-	-	67	58	51	52.23
Jharkhand	5331	4623	11375	-	-	-	208	211	481	52.23
Orrisa	31500	31907	29962	-	-	-	7204	7875	5714	86.52
Sikkim	0.2	0.2	0	-	-	-	236	477	2266	-
West Bengal	36679	38381	49599	-	-	-	413	756	1134	65.51
Arunachal Pradesh	-	-	-	-	-	-	966	1552	1591	-
Assam	2758	2851	3110	-	-	-	817	1555	1400	47.62
Manipur	3	0.9	-	-	-	-	475	605	498	-
Meghalaya	-	-	-	-	-	-	538	888	742	-
Mizoram	4	3	3	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	182	362	312	-
Tripura	1164	1245	1274	-	-	-	46	36	51	-
Central Sector										-
BBMB	-	-	-	-	-	-	10064	10960	11109	-
NTPC	189661	-	206914	-	-	-	-	-	-	89.86
NHPC	-	-	-	-	-	-	13049	14811	16691	-
Naptha Jhakri	-	-	-	-	-	-	6001	6405	6609	-
NHDC	-	-	-	-	-	-	-	-	2367	-
THDC	-	-	-	-	-	-	-	-	3172	-
DVC	13749	-	15321	-	-	-	357	451	432	57.15
NLC	15793	-	15766	-	-	-	-	-	-	72.28
NEEPCO	2458	-	2431	-	-	-	2100	3091	2979	-
RGPPL	-	-	5209	-	-	-	-	-	-	-
VPGCL	-	-	226	-	-	-	-	-	-	11.71

Source : Central Electricity Authority

TABLE 4.5 REGIONWISE PROFILE OF THE ELECTRICITY SECTOR (2007-08)

Region States/ U.Ts	No. of Industries Covered	Total Gross Generation (GWH)	Auxiliary Consumption (GWH)	Net Generation GWH (3-4)	Energy Sold to utilities	Energy used in the Industry out of self Generation (5-6)
1	2	3	4	5	6	7
Northern Region						
Haryana	104	1176.76	31.40	1145.36	4.66	1140.70
Himanchal Pradesh	27	76.96	6.24	70.72	4.79	65.93
Jammu & Kashmir	3	3.63	0.00	3.63	0.00	3.63
Punjab	131	875.38	79.01	796.37	0.26	796.11
Rajasthan	99	5036.27	273.09	4763.18	35.16	4728.02
Uttar Pradesh	107	8680.42	645.18	8035.24	153.66	7881.58
Uttarakhand	11	448.88	0.76	448.12	6.48	441.64
Chandigarh	3	3.91	0.00	3.91	0.00	3.91
Delhi	1	0.55	0.00	0.55	0.00	0.55
Sub-Total	**486**	**16302.76**	**1035.68**	**15267.08**	**205.01**	**15062.07**
Western Region						
Gujarat	327	20978.94	771.61	20207.33	1680.73	18526.60
Madhya Pradesh	130	3922.78	339.95	3582.83	239.01	3343.82
Maharashtra	215	5376.93	260.45	5116.48	209.30	4907.18
Goa	22	113.57	7.55	106.02	65.25	40.77
Daman & Diu	1	0.89	0.04	0.85	0.00	0.85
D & N Haveli	15	7.62	0.12	7.50	0.00	7.50
Chhattishgarh	31	5370.35	494.30	4876.05	1142.96	3733.09
Sub-Total	**741**	**35771.08**	**1874.02**	**33897.06**	**3337.25**	**30559.81**
Southern Region						
Andhra Pradesh	314	6316.14	818.61	5497.53	1041.31	4456.22
Karnataka	239	4467.69	370.91	4096.78	529.63	3567.15
Kerala	55	470.76	32.15	438.61	103.06	335.55
Tamil Nadu	637	7463.06	659.69	6803.37	710.55	6092.82
Pondicherry	24	159.35	6.74	152.61	0.00	152.61
Lakshadweep	0	0.00	0.00	0.00	0.00	0.00
Sub-Total	**1269**	**18877.00**	**1888.10**	**16988.90**	**2384.55**	**14604.35**
Eastern Region						
Bihar	17	188.87	21.00	167.87	0.00	167.87
Orissa	54	11673.86	1353.93	10319.93	1086.28	9233.65
West Bengal	134	2189.83	173.69	2016.14	442.59	1573.55
A & N Islands	0	0.00	0.00	0.00	0.00	0.00
Sikkim	0	0.00	0.00	0.00	0.00	0.00
Jharkhand	34	4198.38	596.21	3602.17	0.00	3602.17
Sub-Total	**239**	**18250.94**	**2144.83**	**16106.11**	**1528.87**	**14577.24**
Northern Eastern Region						
Assam	19	1181.06	86.42	1094.64	0.00	1094.64
Manipur	0	0.00	0.00	0.00	0.00	0.00
Meghalaya	4	93.85	9.12	84.73	0.00	84.73
Nagaland	1	0.00	0.00	0.00	0.00	0.00
Tripura	0	0.00	0.00	0.00	0.00	0.00
Arunachal Pradesh	0	0.00	0.00	0.00	0.00	0.00
Mizoram	0	0.00	0.00	0.00	0.00	0.00
Sub-Total	**24**	**1274.91**	**95.54**	**1179.37**	**0.00**	**1179.37**
Total (All India)	**2759**	**90476.69**	**7038.17**	**83438.52**	**7455.68**	**75982.84**

Note: GWH: Giga Watt hours

Source: Central Electricity Authority

TABLE 4.6 TRENDS IN PRODUCTION OF INFRASTRUCTURE INDUSTRIES
(Base : 1993-94)

1	2	3	4	5	6	7
Sl.No	Industry	Unit	Weight	Production during April-March		
				2006-07	2007-08	2008-09
1	Electricity	Mill. KWH	10.17	662523 (7.3)	704469 (6.3)	723793 (2.7)
	Hydro	Mill. KWH	-	113359 (11.9)	123424 (8.9)	113081 (-8.4)
	Thermal including Nuclear	Mill. KWH	-	546154 (6.2)	575767 (5.4)	604813 (5.0)
2	Coal	Mill tonnes	3.22	425.1 (5.9)	451.7 (6.3)	486.8 (7.8)
3	Finished steel	Th. tonnes	5.13	50196.0 (13.1)	53308.0 (6.2)	53520.0 (0.4)
4	Crude petroleum	Th. Tonnes	4.17	33986 (5.6)	34118 (0.4)	33505 (-1.8)
5	Petroleum refinery	Th. Tonnes	2.00	136292 (12.9)	145175 (6.5)	149519 (3.0)
6.	Cement	Th. Tonnes	1.99	161310 (9.1)	174310 (8.1)	186940 (7.2)
7	Index of total Infrastructure industries		26.68	223.6 (9.2)	236.9 (5.9)	243.1 (2.6)

Note: Data for 2008-09 is provisional

Figures in bracket indicate percentage variation over the corresponding figures of the previous year.

Source : Office of the Economic Adviser, M/o Commerce & Industry.

TABLE 4.7 REVENUE EARNING GOODS TRAFFIC ON INDIAN RAILWAYS

A: TRAFFIC ORIGINATING

(Million tonnes)

S.No.	Commodity	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2003-04	2004-05a	2005-06a	2006-07a	2007-08(P)a
1	Coal	20.2	30.9	47.9	64.1	135.2	223.7	251.7	271.4	294.3	313.3	336.8
2	Raw materials for steelPlants (excl. Coal)	NA	10.5	16.1	20.2	25.9	38.8	43.9	44.3	51.4	53.2	11.2
3	Pig iron and finishedsteel from steel plants	NA	3.8	6.2	7.5	10.0	11.8	14.3	15.2	17.7	21.0	25.8
4	Iron ore for exports	NA	2.6	9.8	11.1	13.1	14.6	26.7	36.4	41.2	38.8	136.7
5	Cement	2.5	6.5	11.0	9.6	28.9	42.9	49.5	53.8	61.2	73.1	79.0
6	Food grains	7.8	12.7	15.1	18.3	25.4	26.7	45.4	46.5	41.7	41.8	38.2
7	Fertilizers	NA	1.4	4.7	8.1	18.4	27.1	25.8	28.8	32.7	34.3	35.8
8	Mineral oils	2.7	4.7	8.9	15.0	25.0	36.3	32.0	32.0	33.5	31.7	34.8
9	Container Services	—	—	—	—	—	—	—	—	—	—	21.1
10	Other goods	40.0	46.7	48.2	42.1	36.6	51.8	68.0	73.8	92.9	120.4	74.4
11	**Total revenue earning-traffic**	**73.2**	**119.8**	**167.9**	**195.9**	**318.4**	**473.5**	**557.4**	**602.1**	**666.5**	**727.8**	**793.9**

B: GOODS CARRIER

(Billion tonne-km)

S.No.	Commodity	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2003-04	2004-05a	2005-06a	2006-07a	2007-08(P)a
1	Coal	11.3	20.5	27.8	36.4	85.9	133.4	147.9	161.9	170.3	191.5	208.5
2	Raw materials for steel Plants (excl. Coal)	NA	2.0	2.7	4.3	7.5	13.5	15.4	15.8	17.4	16.8	8.0
3	Pig iron and finished steel from steel plants	NA	3.3	6.2	8.6	11.6	12.1	13.9	14.2	18.7	22.4	25.1
4	Iron ore for exports	NA	NA	5.5	7.3	7.5	7.9	13.2	19.0	21.0	19.9	54.1
5	Cement	NA	2.5	7.0	7.2	18.9	24.9	27.6	28.9	32.8	41.1	43.2
6	Food grains	4.0	9.6	14.5	24.3	35.6	33.1	67.9	62.6	55.1	47.9	46.9
7	Fertilizers	NA	NA	3.8	8.9	17.3	23.0	22.1	21.7	25.7	25.5	25.8
8	Mineral oils	NA	2.6	5.3	11.7	15.1	19.9	18.7	21.0	24.3	21.9	23 .2
9	Container Services	—	—	—	—	—	—	—	—	—	—	23.2
9	Other goods	22.3	31.9	37.9	39.1	36.4	44.5	54.5	62.3	73.3	94.0	63.5
10	**Total revenue-earning - traffic**	**37.6**	**72.3**	**110.7**	**147.7**	**235.8**	**312.4**	**381.2**	**407.4**	**439.6**	**481.0**	**521.4**

Note: P: Provisional a: Excluding KRCL loading NA: Not Available Source: Ministry of Railway, Economic Survey.

TABLE 4.8 ALL INDIA INSTALLED CAPACITY AS ON 31ST DEC 2009

(Figures In MW)

Sector	Hydro	Thermal				Nuclear	R.E.S (MNRE)	Total
		Coal	Gas	Diesel	Total			
State	27087.00	44054.50	4046.12	602.61	48703.23	0.00	2623.76	78413.99
Private	1233.00	7126.38	6307.50	597.14	14031.02	0.00	12601.59	27865.61
Central	8565.40	30425.00	6702.23	0.00	37127.23	4120.00	0.00	49812.63
Total	**36885.40**	**81605.88**	**17055.85**	**1199.75**	**99861.48**	**4120.00**	**15225.35**	**156092.23**

NOTE:

(i) I.C. of states is provisional and it is being reconciled.

(ii) I.C. does not include benefits from projects in Bhutan.

(iii) R.E.S. includes: - SHP - 2527.56 MW, WIND – 10588.98 MW, B.P. & B.G. – 2009.83 MW, U&I & SOLAR – 98.98MW.

Source: Central Electricity Authority

CHAPTER - V

INVESTMENT SCENARIO

REVIEW OF INDUSTRIAL INVESTMENT SCENARIO

Investment Intention

5.1 The thrust of the new industrial policy has been to enable entrepreneurs to take investment decisions based on their own commercial perception with a greatly reduced regulatory role of the Government. Licensing stands abolished for most of the industries, and the entrepreneurs are only required to file an investment intention. The response of the entrepreneurs to the policy initiatives has been very encouraging (Table 5.1)

TABLE 5.1 INDUSTRIAL INVESTMENT INTENTION

	IEM's			LOIs/DILs		
Year (Jan-Dec)	Number Filed	Proposed Investment (Rs. Crore)	Proposed Employment* ('000)	Number Issued	Proposed Investment (Rs. Crore)	Proposed Employment* ('000)
1991	3048	76310	769	195	2071	34
1992	4860	115872	923	620	13994	97
1993	4456	63976	703	528	12845	100
1994	4664	88771	829	546	17937	130
1995	6502	125509	114	355	14265	91
1996	4825	73278	696	522	29932	181
1997	3873	52379	522	321	9528	96
1998	2889	57389	521	145	3274	27
1999	2948	128892	477	132	827	17
2000	3058	72332	411	203	1042	31
2001	2981	91234	809	117	1318	14
2002	3172	91291	380	89	649	8
2003*	3875	118612	833	116	1395	14
2004	5118	267069	1898	100	5265	21
2005	6203	353956	1271	135	2900	23
2006	6260	588271	2100	110	4830	22
2007	3725	827500	1342	93	6749	26
2008	3979	1522566	1794	106	1286	24
2009 (Upto March)	847	227812	220	1	4	49
TOTAL	**80108**	**6131501**	**19079**	**4434**	**131301**	**1024**

*As a measure of simplification of procedures this department is issuing Direct Industrial Licences (DILs) from November 2003 onwards against applications except for those items, which are exclusively reserved for Small Scale Industries.
The proposed investment stood at Rs. 613501 crore. The cumulative number of LOI filed since 1991 to March 2008-209 stood at 4434 while the proposed investment stood at Rs. 131301 crore.

Source: Ministry of Commerce & Industry, Department of Industrial Policy and Promotion.

REVIEW OF INDUSTRIAL INVESTMENT SCENARIO

5.2 The structural reforms have evoked a strong positive response from foreign investors also. The quantum of Foreign Direct Investment approved has crossed Rs. 345842.19 crore (Table 5.2) for the period 1991 to 2008.

TABLE 5.2 FOREIGN DIRECT INVESTMENT (FDI) APPROVED AND INFLOWS OF FDI RECEIVED DURING THE YEAR 1991 TO 2008
(Rs. In Crore)

Year (Jan-Dec)	No. of FDI Approvals	Amount of FDI Approved	Amount FDI Inflows	%age of realisation rate –inflow with approval (in terms of Rupees)
1991(Aug-Dec)	203	504.90	353.48	70.01
1992	693	3817.89	691.20	18.10
1993	785	8861.80	1861.96	21.01
1994	1039	8955.22	3112.23	34.75
1995	1350	30882.11	6485.36	21.00
1996	1545	30886.05	8752.19	28.34
1997	1656	50389.20	12989.76	25.78
1998	1184	27589.57	13269.23	48.10
1999	1720	25140.28	9259.94	38.83
2000	1702	17236.97	10441.14	60.57
2001	1976	20939.68	16071.14	76.75
2002	1963	11058.10	16134.44	145.90
2003	1550	5416.59	9563.91	176.57
2004	1436	8741.25	14781.37	169.10
2005	445	7899.53	19270.72	243.95
2006	266	23003.61	50357.21	218.91
2007	257	19911.11	65494.98	328.94
2008	347	44608.33	135145.22	302.96
(Aug 1991 to Dec 2008)	**20117**	**345842.19**	**387409.26**	**112.02**

Note: The information excludes GDRs/ADRs.

Source: Ministry of Commerce & Industry, Department of Industrial Policy and Promotion.

More data on FDI, Foreign Technical Collaboration (FTC), etc. are given in tables 5.6 to 5.15. Data on Joint Ventures (JVs), institutional assistance, companies at work are given in tables 5.16 to 5.18.

REVIEW OF INDUSTRIAL INVESTMENT SCENARIO

5.3 The quantum of sanctions and disbursement of loans by the Financial Institutions, amount raised by the corporates from the primary market including international centers and trends of security prices in the secondary markets and investors confidence are some of the important indicators of the investment climate. The financial assistance sanctioned and disbursed by the all India Financial Institutions showed an increasing trend in the years after 2002-03 onwards.

TABLE 5.3 LOANS SANCTIONED AND DISBURSED BY ALL-INDIA FINANCIAL INSTITUTIONS

(Rs. In Crore)

	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09(P)
Sanctioned	72222.0	27931.0	55249.0	59160.9	27666.0	31259.0	58732.0	99988.0
Disbursed	56954.0	24756.0	39153.8	43959.0	21146.0	38652.0	46028.0	88973.0

Note: (P) Provisional

Source: Reserve Bank of India

5.4 The capital raised through the new issues during 1995-96 was Rs. 20804.The upward trend continued thereafter till 2007-08. In 2008-09 the total number of issues stood at 124 while the amount rose is Rs. 87029 (Table 5.4).

TABLE 5.4 NUMBER OF ISSUES AND AMOUNT RAISED

(Rs. In Crore)

	1999-00	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
No. of Issues	93	151	26	57	60	139	124	124	124
Amount Raised	7817	6108	4070	23272	28256	27382	33508	87029	87029

Source: Security Exchange Board of India (SEBI)

REVIEW OF INDUSTRIAL INVESTMENT SCENARIO

5.5 The year 1993-94 marked the beginning of integration of Indian capital Market with the rest of the world. There was considerable interest in foreign institutional buyers in acquiring Indian stocks. However from 1997-98 onwards there has been a sharp fluctuation in inflow of both foreign institutional investment and GDRs. Total amount of capital raised/accessed by corporate sector from International Capital Markets is indicated in table 5.5.

TABLE NO. 5.5 CAPITAL RAISED FROM INTERNATIONAL CAPITAL MARKETS

(US $ Million)

	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
ADRs/GDRs #	831	477	600	459	613	2552	3776	6645	1162
Foreign Institutional Investment**	1847	1505	377	10918	8686	9926	3225	20328	15017
Foreign Direct Investment	4029	6130	5035	4322	6051	8961	22826	34362	35168
Offshore Funds & Others	82	39	2	(-)	16	14	2	298	—

#Represents the amount raised by Indian Corporates through Global Depository Receipts.(GDRs) and American Depository Receipts (ADRs).

**Represents fresh inflow of funds by Foreign Institutional Investors (FIIs). The revision in FIIs inflows were brought about as a result of reporting of revised data by some designated banks due to reclassification.

Source: Reserve Bank of India (RBI).

TABLE 5.6 LETTERS OF INTENT AND INDUSTRIAL LICENCES

Years	Letters of Intents/DILs			Industrial Licences		
	Total	To Backward Areas	To No. Industry Districts	Total	To Backward Areas	To No. Industry Districts
1	2	3	4	5	6	7
1955	–	–	–	487	–	–
1960	–	–	–	1845	–	–
1965	559	–	–	526	–	–
1970	438	42	–	363	59	–
1975	962	291	–	1027	216	–
1976	547	176	–	662	168	–
1977	533	187	–	518	123	–
1978	440	146	–	348	103	–
1979	550	244	–	365	102	–
1980	946	415	–	475	147	–
1981	916	370	–	476	165	–
1982	1043	583	158	432	145	2
1983	1055	664	111	1075	317	13
1984	1064	627	84	905	323	27
1985	1457	774	114	985	427	33
1986	1130	621	94	618	278	29
1987	989	536	69	472	292	19
1988	1083	551	68	360	153	21
1989	1182	553	63	418	175	20
1990	825	381	40	387	167	22
1991	795	338	38	251	97	21
1992	620	321	–	140	47	5
1993	528	242	–	120	48	–
1994	546	244	–	144	47	–
1995	355	87	–	101	28	–
1996	522	198	–	111	40	–
1997	321	110	–	64	25	–
1998	145	31	–	62	19	–
1999	132	47	–	81	22	–
2000	203	35	–	101	13	–
2001	117	–	–	51	–	–
2002	89	–	–	46	–	–
2003*	116	–	–	58	–	–
2004	100	–	–	40	–	–
2005	135	-	-	28	-	-
2006	110	-	-	18	-	-
2007	93	-	-	20	-	-
2008	106	-		-	-	-
2009 (upto Mar)	88	-	-	8	-	-

*As a measure of simplification of procedures this department is issuing Direct Industrial Licences (DILs) from November 2003 onwards against applications except for those items, which are exclusively reserved for Small Scale Industries.

Source: Ministry of Commerce & Industry, Department of Industrial Policy and Promotion.

TABLE 5.7 INDUSTRY -WISE BREAK-UP OF LETTERS OF INTENT AND INDUSTRIAL LICENCES (IN NUMBERS)

Sl No.	Scheduled Industry	1981		1985		1991		1995	
		LOI	IL	LOI	IL	LOI	IL	LOI	IL
1	2	3	4	5	6	7	8	9	10
1	Metallurgical Industries	119	66	224	235	81	22	7	2
2	Fuels	5	5	3	2	1	-	25	2
3	Boilers & Steam Gen. Plants	1	3	1	1	2	-	-	-
4	Prime Movers	4	-	4	-	-	-	-	-
5	Electrical Equipments	114	55	295	96	88	47	16	2
6	Telecommunications	19	6	175	31	10	10	5	2
7	Transportation Industry	46	13	73	45	12	6	10	1
8	Industrial Machinery	50	24	53	29	10	5	6	2
9	Machine Tools	10	10	14	5	6	3	-	1
10	Agricultural Machinery	1	-	-	13	-	-	2	-
11	Earth Moving Machinery	1	1	3	2	-	-	-	-
12	Misc. Mech. Engg. Industries	17	27	63	13	8	8		
13	Comm./Office/H. hold Eqpt.	12	5	21	17	4	1	-	-
14	Medical & Surgical Equip.	1	-	3	1	2	-	-	-
15	Industrial Equipments	14	7	23	12	-	-	1	2
16	Scientific Instruments	-	-	2	1	1	-	-	-
17	Math. Survey, Draw. Instmt.	-	-	-	-	-	-		
18	Fertilizers	28	4	15	3	-	3	-	-
19	Chemical (Exp. Fertilizers)	134	83	180	64	136	45	51	16
20	Photographic Raw Film/Paper	1	-	-	-	-	-	-	-
21	Dye Stuffs	6	3	-	1	3	-	11	2
22	Drugs & Pharmaceuticals	58	37	48	22	81	31		
23	Textiles	67	18	87	229	88	7	137	19
24	Paper and Pulp	48	32	20	2	6	1	13	8
25	Sugar	23	1	2	13	14	12	-	2
26	Fermentation Industry	2	4	2	6	42	6	12	5
27	Food Processing Industries	9	12	20	9	19	7	4	-
28	Vegetable Oil and Vanaspati	17	10	16	11	56	4	3	1
29	Soaps, Cosmetic & Toiletries	9	6	3	1	3	2	2	1
30	Rubber Goods	6	7	18	8	4	7		
31	Leather	12	15	18	5	55	15	26	8
32	Glue & Gelatin	-	1	1	1	-	-	-	-
33	Glass	10	1	9	3	-	-	-	-
34	Ceramics	13	1	11	6	3	-	1	-
35	Cement & Gypsum Products	56	19	17	14	9	-	2	-
36	Timber Products	2	-	8	13	5	3	10	3
37	Defence Industries	-	-	-	-	-	-	1	-
38	Misc. Industries/Others	1	-	5	1	38	-	-	1
	TOTAL	**916**	**476**	**1457**	**985**	**795**	**251**	**355**	**101**

TABLE 5.7 (CONTD.) INDUSTRY -WISE BREAK-UP OF LETTERS OF INTENT AND INDUSTRIAL LICENCES (IN NUMBERS)

Sl. No.	Scheduled Industry	2001		2004		2005		2006	
		LOI	IL	LOI+DIL	IL	LOI+DIL	IL	LOI+DIL	IL
	1	11	12	13	14	15	16	17	18
1	Metallurgical Industries	0	2	3	1	11	0	10	1
2	Fuels	0	1	2	2	0	0	1	0
3	Boilers & Steam Gen. Plants	0	0	0	0	0	0	0	0
4	Prime Movers	0	0	0	0	0	0	0	0
5	Electrical Equipments	3	1	0	0	2	1	2	0
6	Telecommunications	0	0	0	0	0	0	0	0
7	Transportation Industry	1	2	1	0	8	2	8	0
8	Industrial Machinery	2	2	7	4	4	1	0	0
9	Machine Tools	0	1	2	2	6	3	3	4
10	Agricultural Machinery	0	0	0	0	0	0	1	0
11	Earth Moving Machinery	0	0	0	0	0	0	0	0
12	Misc. Mech. Engg. Industries	1	0	3	1	4	0	1	0
13	Comm./Office/H. hold Eqpt.	1	0	2	0	1	0	1	0
14	Medical & Surgical Equip.	1	0	0	0	1	0	0	0
15	Industrial Equipments	0	0	0	0	0	0	0	0
16	Scientific Instruments	0	0	0	0	0	0	0	0
17	Math. Survey, Draw. Instmt.	0	0	0	0	0	0	0	0
18	Fertilizers	0	0	0	0	0	0	0	0
19	Chemical (Exp. Fertilizers)	25	5	16	9	24	9	12	6
20	Photographic Raw Film/Paper	0	2	0	0	0	0	0	0
21	Dye Stuffs	0	29	0	0	0	0	0	0
22	Drugs & Pharmaceuticals	2	1	5	3	9	1	2	0
23	Textiles	55	0	34	10	42	3	42	1
24	Paper and Pulp	4	0	4	0	3	0	2	2
25	Sugar	0	0	0	0	0	0	0	0
26	Fermentation Industry	0	0	0	0	0	0	0	0
27	Food Processing Industries	1	0	3	1	6	0	6	0
28	Vegetable Oil and Vanaspati	2	0	1	1	3	0	0	0
29	Soaps, Cosmetic & Toiletries	1	1	3	0	1	1	2	0
30	Rubber Goods	0	0	1	1	0	0	0	0
31	Leather	5	3	0	0	0	1	0	0
32	Glue & Gelatin	0	0	0	0	0	0	0	0
33	Glass	0	0	0	0	0	0	0	0
34	Ceramics	1	0	0	1	0	1	0	0
35	Cement & Gypsum Products	2	0	0	0	0	0	2	0
36	Timber Products	1	0	0	0	0	0	0	1
37	Defence Industries	3	0	7	0	8	2	9	1
38	Misc. Industries/Others	6	1	6	4	2	3	6	2
	TOTAL	**117**	**51**	**100**	**40**	**135**	**28**	**110**	**18**

TABLE 5.7 (CONTD.) INDUSTRY -WISE BREAK-UP OF LETTERS OF INTENT AND INDUSTRIAL LICENCES (IN NUMBERS)

Sl. No.	Scheduled Industry	2007 LOI+DIL	2007 IL	2008 LOI+DIL	2008 IL	2009(upto Mar) LOI+DIL	2009(upto Mar) IL
	1	19	20	21	22		
1	Metallurgical Industries	6	3	7	1	0	0
2	Fuels	2	0	0	0	0	0
3	Boilers & Steam Gen. Plants	0	0	0	0	0	0
4	Prime Movers	0	0	0	0	0	0
5	Electrical Equipments	0	0	2	0	0	0
6	Telecommunications	0	0	0	0	0	
7	Transportation Industry	1	0	2	0	0	0
8	Industrial Machinery	1	1	1	0	0	0
9	Machine Tools	1	0	3	1	0	0
10	Agricultural Machinery	0	0	0	0		0
11	Earth Moving Machinery	0	0	0	0	0	0
12	Misc. Mech. Engg. Industries	2	0	4	1	0	
13	Comm./Office/H. hold Eqpt.	0	0	0	0	0	0
14	Medical & Surgical Equip.	0	0	0	1	0	0
15	Industrial Equipments	0	0	2	0	0	0
16	Scientific Instruments	0	0	0	0		0
17	Math. Survey, Draw. Instmt.	0	0	0	0	0	0
18	Fertilizers	0	0	0	0	0	
19	Chemical (Exp. Fertilizers)	6	6	2	2	0	0
20	Photographic Raw Film/Paper	0	0	0	0	0	0
21	Dye Stuffs	0	0	0	0	0	0
22	Drugs & Pharmaceuticals	0	0	2	0		0
23	Textiles	28	2	17	1	0	0
24	Paper and Pulp	3	1	1	1	0	
25	Sugar	0	0	0	0	0	0
26	Fermentation Industry	0	0	0	0	0	0
27	Food Processing Industries	1	0	2	0	0	0
28	Vegetable Oil and Vanaspati	1	0	0	0		0
29	Soaps, Cosmetic & Toiletries	0	0	0	0	0	0
30	Rubber Goods	1	0	5	1	0	
31	Leather	0	0	0	0	0	0
32	Glue & Gelatin	0	0	0	0	0	0
33	Glass	0	0	0	0	0	0
34	Ceramics	1	0	0	0		0
35	Cement & Gypsum Products	0	0	1	0	0	0
36	Timber Products	0	0	0	0	0	
37	Defence Industries	38	5	54	3	0	0
38	Misc. Industries/Others	1	2	1	0	0	0
	Total	**93**	**20**	**106**	**12**	**0**	**0**

Note: LI: Letter of Intent IL: Industrial Licence DIL: Direct Industrial Licence.
*As a measure of simplification of procedures this department is issuing Direct Industrial Licences (DILs) from November 2003 onwards against applications except for those items which are exclusively reserved for Small Scale Industries.

Source: Ministry or Commerce & Industry, Department of Industrial Policy & Promotion.

TABLE 5.8 TYPE-WISE LETTERS OF INTENT (LIs) AND INDUSTRIAL LICENCES (ILs) ISSUED SINCE 1970 (IN NUMBERS)

Year		New Unit (NU)	New Articles (NA)	Substantial Expansion (SE)	New Article/ Subs Expansion (NA/SE)	Carry-on Business (COB)	Shifting	Total
1		2	3	4	5	6	7	8
1970	LI	231	109	95	3	-	-	438
	IL	64	70	103	3	123	-	363
1975	LI	604	204	147	7	-	-	962
	IL	296	168	291	6	266	2	1029
1980	LI	493	242	204	7	-	-	946
	IL	132	143	115	5	80	-	475
1985	LI	966	322	166	3	-	-	1457
	IL	207	134	99	1	544	-	985
	IL	141	104	98	2	73	-	418
1990	LI	429	228	161	7	-	-	825
	IL	149	102	88	3	45	-	387
1995	LI	217	85	53	-	-	-	355
	IL	39	12	32	1	17	-	101
1996	LI	319	49	150	4	-	-	522
	IL	44	19	26	1	21	-	111
1997	LI	226	47	47	1	-	-	321
	IL	32	3	26	-	3	-	64
1998	LI	86	19	40	-	-	-	145
	IL	31	6	23	1	1	-	62
1999	LI	65	26	41	-	-	-	132
	IL	51	9	21	-	-	-	81
2000	LI	154	28	17	4	-	-	203
	IL	55	14	25	1	6	-	101
2001	LI	75	20	22	0	-	-	117
	IL	30	7	12	0	2	-	51
2002	LI	48	29	12	0	-	-	89
	IL	25	3	15	0	3	-	46
2003	LI/DIL*	65	28	23	-	-	-	116
	IL	19	8	21	-	10	-	58
2004	LI/DIL	49	20	31	-	-	-	100
	IL	20	4	10	-	6	-	40
2005	LI/DIL	68	31	36	-	-	-	135
	IL	12	2	12	-	2	-	28
2006	LI/DIL	58	17	35	-	-	-	110
	IL	10	4	1	-	3	-	18
2007	LI/DIL	29	36	28	-	-	-	93
	IL	9	7	4	-	-	-	20
2008	LI/DIL	29	36	23	-	-	-	88
	IL	8	-	-	-	-	-	8
2009 (upto Mar)	LI/DILLI							

Note: LI: Letter of Intent IL: Industrial License DIL: Direct Industrial Licence
*As a measure of simplification of procedures this department is issuing Direct Industrial Licences (DILs) from November 2003 onwards against applications except for those items For Small Scale Industries.

Source: Ministry of Commerce and Industry, Department of Industrial Policy and Promotion.

TABLE 5.9 YEAR-WISE/ROUTE-WISE FDI EQUITY INFLOWS FROM AUGUST 1991 TO DECEMBER 2008

(Amount in Rs. million)

Year (Jan-Dec)	INFLOWS OF FOREIGN DIRECT INVESTMENT IN THE FOLLOWING ROUTES							
	I Govt. approval Route (FIPB,SIA)	II Automatic Route	III Inflows through acquisition of existing shares #	IV RBI's- Various NRI's schemes*	TOTAL (I to IV)	V Stock Swapped	VI Closing balance of advance	CUMULATIVE TOTAL (I to VI)
1991 (Aug-Dec)	1911.8	-	-	1623.0	3534.8	-	-	3534.8
1992	4906.9	475.1	-	1530.0	6912.0	-	-	6912.0
1993	10414.4	2411.0	-	5794.2	18619.6	-	-	18619.6
1994	16043.9	3625.8	-	11452.6	31122.3	-	-	31122.3
1995	39673.6	5301.6	-	19878.4	64853.6	-	-	64853.6
1996	57667.0	6196.3	3038.0	20620.6	87521.9	-	-	87521.9
1997	101283.8	8677.2	9540.4	10396.2	129897.6	-	-	129897.6
1998	82397.4	6106.6	40593.5	3594.8	132692.3	-	-	132692.3
1999	61894.5	7608.3	19608.3	3488.3	92599.4	-	9067.7	101667.1
2000	63368.0	16974.7	20580.5	3488.2	104411.4	-	19125.9	123537.3
2001	96386.2	32410.7	29622.0	2292.5	160711.4	-	7066.1	167777.5
2002	69580.1	39030.4	52623.1	110.8	161344.4	840.0	19771.2	181955.6
2003	42955.8	23399.6	29283.7	-	95639.1	1725.0	18807.6	116171.7
2004	48516.9	54221.1	45075.8	-	147813.7	-	24851.5	172665.2
2005	49728.4	68686.6	74292.2	-	192707.2	283.7	-	192990.9
2006	69683.2	321758.3	112130.6	-	503572.1	-	-	503572.1
2007	107872.9	361000.6	186075.4	-	654949.8	142405.8	-	797356.6
2008	129037.2	978033.7	244674.3	-	1351452.2	219.1	-	1397466.6
TOTAL (as on 31.12.08)	**1048818.5**	**1878130.9**	**863165.7**	**84269.6**	**3874092.6**	**145473.6**	**98690.0**	**4230314.1**

Note:
1. Inflows through ADRs/GDRs/FCCBs, against the FDI approvals have not been included.
2. # Data prior to 1996 not provided by RBI.
3. Since 2003, inflows included under the heading RBI's Automatic Route.

Source: Ministry of Commerce and Industry, Department of Industrial Policy and Promotion.

TABLE 5.10 RBI's FDI INFLOWS DATA AS PER INTERNATIONAL BEST PRACTICES

(Amount in Rs. million)

S. No.	Financial Year (April -March)	Equity		Re-invested earnings	Other capital	Total	%age growth over previous year
		FIPB Route/RBI's Automatic Route/ Acquisition Route	Equity capital of unincorporated bodies #			FDI Inflows	
(A) 1991-2000 (from August 1991 to March 2000)		15483	-	-	-	15483	-
1	2000-01	2339	61	1350	279	4029	-
2	2001-02	3904	191	1645	390	6130	52 %
3	2002-03	2574	190	1833	438	5035	(-) 18 %
4	2003-04	2197	32	1460	633	4322	(-) 14 %
5	2004-05	3250	528	1904	369	6051	40 %
6	2005-06	5540	435	2760	226	8961	48 %
7	2006-07(P)*	15585	897	5091	506	22079	146 %
8	2007-08(P)+	24575	2292	7168	327	34362	51 %
9	2008-09 (April-March)	27329	770	3831	1169	35168	02 %
(B)	**Sub. Total** (1 to 9 above) (from April '00 to Mar.'09)	**87293**	**5395**	**27779**	**4348**	**124815**	-
CUMULATIVE TOTAL (A) + (B) (from August '91 to March '09)		**103**	**5395**	**27779**	**4348**	**140298**	-

(i) '#' Figures for equity capital of unincorporated bodies for 2006-07 & 2007-08 are estimates.
(ii) "+" Data in respect of 'Re-invested earnings' & 'Other capital' for the year 2005-2006 & 2006-2007 are estimated as average of previous two years.
(iii) (P) All figures are provisional.
(iv) Updated by RBI up to March 2009.
(v) * Include Swap of Shares US$ 3.1 billion.
(vi) Data on FDI have been revised since 2000-01 with expend coverage to approach international best practices.
(vii) Monthly data on components of FDI as per expend coverage are not available.
(viii) +RBI has included the amount of US$ 92 million for the month of October 2007 during this Bulletin.

Source: Ministry of Commerce and Industry, Department of Industrial Policy and Promotion.

TABLE 5.11 YEAR-WISE FDI & FOREIGN TECHNOLOGY CASES (FTC's) APPROVED FROM AUGUST 1991 to DECEMBER 2008

(Amount in million)

Calendar Year Jan-Dec	No. of approvals			Amount of FDI Approved	
	Total Number of Cases	No. of FDI Approved	Technical Cases Approved	in Rs	in US$
1991	632	429	203	5048.99	206.33
1992	1522	829	693	38178.93	1458.88
1993	1474	689	785	88618.00	2891.29
1994	1830	791	1039	89552.16	2854.71
1995	2332	982	1350	308821.05	9835.07
1996	2289	744	1545	308860.47	8981.11
1997	2314	658	1656	503888.64	14047.63
1998	1779	595	1184	275895.73	6984.70
1999	2218	498	1720	251402.83	5985.78
2000	2120	418	1702	172369.69	4008.60
2001	2264	288	1976	209396.75	4653.26
2002	2270	307	1963	110581.03	2303.77
2003	1871	321	1550	54165.85	1177.52
2004	1551	115	1436	87412.50	1900.27
2005	526	81	445	78995.28	1775.33
2006	336	70	266	230036.14	5111.49
2007	383	126	257	199111.14	4772.76
2008	441	347	94	446083.32	9685.80
Grand Total	**28152**	**20117**	**8035**	**3458421.88**	**88634.40**

Source: Ministry of Commerce and Industry, Department of Industrial Policy and Promotion.

TABLE 5.12 COUNTRY-WISE / YEAR-WISE FDI INFLOWS FROM JANUARY 2000 TO DECEMBER 2008

(Amount in Rs. million)

Sl No	Country	2000-2004 (Jan-Dec)	2005 (Jan-Dec)	2006 (Jan-Dec)	2007 (Jan-Dec)	2008 (Jan-Dec)	Cumulative Total (from January 2000 to December 2008)	
							in Rs	in US$
1	Mauritius	255588.63	94078.28	222207.52	319437.05	598586.46	1489897.94	34428.86
2	Singapore	13419.59	14168.96	28532.04	58306.08	157758.64	272185.32	6459.36
3	U.S.A.	96939.09	20700.47	33203.78	36383.72	75419.79	262646.85	6007.51
4	U.K.	47857.41	9578.08	78247.46	19670.99	70085.39	225439.33	5155.88
5	Netherlands	57657.22	5277.35	22457.28	27894.49	42813.50	156099.84	3544.08
6	Japan	49308.09	7449.55	5229.22	27751.60	16976.32	106714.77	2433.58
7	Germany	27231.17	3683.13	13972.47	14155.04	33288.58	92330.39	2122.47
8	Cyprus	1070.16	3066.72	2570.04	22043.19	58250.15	87000.26	2003.21
9	France	21600.43	1288.29	3876.56	5208.04	20444.93	52418.25	1181.34
10	U.A.E.	3839.05	2104.72	10972.14	8842.18	12416.59	38174.68	882.47
11	Switzerland	13595.97	3689.39	3151.00	9017.24	6268.80	35722.40	813.97
12	Italy	9445.88	1434.00	2576.28	1171.16	14868.48	29495.81	697.44
13	Cayman Island	3294.98	1428.34	887.20	12384.65	8941.57	26936.74	654.27
14	Sweden	13448.26	1377.94	274.33	3427.04	3993.54	22521.12	511.94
15	Bermuda	1894.41	5.72	18554.13	3.62	1430.49	21888.37	488.77
16	Korea(South)	5134.81	2943.09	2935.48	2805.80	6214.49	20033.67	457.57
17	Spain	763.11	398.23	1318.29	4067.37	12348.11	18895.10	441.30
18	Russia	3204.22	3.64	1188.31	43.18	14870.84	19310.19	406.07
19	British Virginia	2234.99	242.56	2275.69	6207.08	5837.41	16797.74	391.59
20	Hongkong	2416.35	1231.80	2142.14	4083.23	5663.63	15537.15	361.18
21	Belgium	3243.83	126.75	3834.28	828.18	4719.11	12752.15	283.80
22	Australia	3689.57	260.63	1869.57	1821.98	3136.01	10777.75	242.52
23	Canada	2191.02	591.89	806.24	1393.41	5390.86	10373.41	239.12
24	Malaysia	4094.82	213.26	296.91	202.55	4538.18	9345.72	205.81
25	Denmark	2668.03	1938.04	239.23	248.61	660.32	5754.23	129.89
26	Luxembourg	1040.56	256.32	1271.01	472.53	1775.51	4815.93	109.93
27	Ireland	163.32	424.00	634.79	172.58	1788.61	3183.30	75.59
28	South Africa	408.90	972.97	1653.02	54.68	312.77	3402.34	75.17
29	Oman	923.75	56.47	47.17	1245.13	302.62	2575.13	60.65
30	Finland	882.93	186.90	77.38	953.50	487.47	2588.18	59.03
31	West Indies	28.59	1309.87	92.16	358.01	440.10	2228.72	51.75
32	Austria	837.15	51.48	75.38	155.31	1114.29	2233.62	51.29
33	Thailand	893.40	233.27	128.48	507.35	129.28	1891.77	44.10
34	Indonesia	1111.76	42.09	16.71	146.95	245.08	1562.59	33.94
35	Norway	456.98	11.38	219.58	410.70	226.68	1325.32	30.82
36	Nevis	0.00	839.62	0.00	0.00	497.82	1337.44	30.64
37	Bahrain	666.38	10.01	8.70	393.02	11.45	1089.57	24.99
38	Israel	42.99	199.68	15.69	76.81	610.14	945.31	22.71
39	Taiwan	218.23	37.62	18.23	393.45	189.08	856.61	20.33
40	Gibraltar	0.82	471.06	2.06	282.44	55.14	811.51	18.98
41	Ice Land	21.69	780.33	0.00	6.62	2.50	811.13	18.61
42	Panama	187.80	94.65	75.98	273.76	101.56	733.76	16.95
43	Czech Republic	20.00	4.43	0.10	1.01	694.84	720.38	16.78
44	Saudi Arabia	333.70	39.45	1.95	285.59	30.02	690.71	15.97

TABLE 5.12 (CONTD.) COUNTRY-WISE / YEAR-WISE FDI INFLOWS FROM JANUARY 2000 TO DECEMBER 2008

(Amount in Rs. million)

Sl No	Country	2000-2004 (Jan-Dec)	2005 (Jan-Dec)	2006 (Jan-Dec)	2007 (Jan-Dec)	2008 (Jan-Dec)	Cumulative Total (from January 2000 to December 2008)	
							in Rs	in US$
45	Moracco	699.72	0.00	0.05	0.00	0.00	699.77	15.21
46	Bahamas	368.06	57.25	2.40	102.16	102.69	632.55	14.27
47	New Zealand	12.23	5.47	1.30	202.89	334.09	555.98	13.56
48	Liberia	61.25	0.00	487.77	29.41	0.00	578.42	13.09
49	Belorussia	6.31	0.00	87.50	22.27	358.00	474.07	11.66
50	Kenya	423.23	0.00	7.72	56.88	48.51	536.33	11.64
51	Sri Lanka	69.50	18.35	132.92	51.71	223.66	496.15	11.50
52	China	25.20	81.48	32.25	10.15	345.25	494.34	10.62
53	Channel Island	71.17	143.03	45.60	8.70	129.87	398.38	9.06
54	Mayanmar	2.34	0.00	8.37	0.00	346.78	357.49	8.96
55	Portugal	25.66	5.60	8.86	76.15	227.74	344.02	8.46
56	Slovenia	390.74	0.00	0.00	0.00	0.00	390.74	8.24
57	St. Vincent	62.30	0.00	0.00	0.00	286.34	348.64	8.05
58	Kazakhstan	0.00	1.00	0.05	0.00	280.00	281.05	7.07
59	British isles	1.21	234.80	3.10	35.70	31.64	306.46	7.05
60	Kuwait	175.15	8.73	123.73	1.40	9.86	318.87	6.93
61	Malta	10.97	1.02	0.00	277.20	0.00	289.19	6.55
62	Isle of Man	95.79	8.17	11.52	92.84	19.75	228.08	5.25
63	Fiji islands	0.00	0.00	136.29	7.86	78.63	222.78	5.06
64	Chile	0.00	0.00	116.40	13.48	75.99	205.87	4.70
65	Slovakia	0.00	79.33	25.50	85.00	0.00	189.83	4.40
66	Tunisia	198.40	0.00	0.00	0.00	0.00	198.40	4.31
67	Liechtenstein	137.46	0.00	0.00	43.96	12.00	193.42	4.23
68	Korea(North)	71.01	16.00	0.00	66.72	20.30	174.03	3.85
69	Nigeria	115.32	0.04	18.05	15.74	16.68	165.83	3.64
70	Uruguay	0.00	63.29	72.48	0.00	22.35	158.13	3.58
71	Maldives	2.11	21.75	108.95	4.11	0.05	136.97	3.08
72	Ghana	0.00	0.00	0.00	135.61	0.00	135.61	3.08
73	Scotland	0.00	87.90	31.15	0.00	0.00	119.05	2.69
74	Seychelles	0.00	44.70	0.00	8.70	34.88	88.28	2.10
75	Poland	11.00	72.90	0.03	0.00	1.71	85.64	1.88
76	Yaman	0.36	0.00	0.00	0.00	68.88	69.23	1.71
77	Brazil	1.80	1.43	7.32	34.16	24.09	68.79	1.68
78	Virgin islands	4.85	0.90	43.90	0.00	13.61	63.26	1.43
79	Cuba	25.76	21.56	0.00	0.00	0.00	47.32	1.04
80	Jordon	0.28	0.00	2.80	0.00	45.06	48.14	0.99
81	Columbia	0.10	10.95	5.40	24.79	0.00	41.24	0.94
82	Vanuatu	0.00	0.00	0.00	0.00	40.75	40.75	0.87
83	Uganda	0.00	35.24	0.00	0.00	1.63	36.87	0.84
84	Turkey	4.28	0.21	0.00	0.00	30.75	35.25	0.82
85	Ukraine	30.97	0.00	0.10	0.00	0.00	31.07	0.69
86	Phillipines	13.23	5.99	4.16	6.05	0.70	30.12	0.68
87	Tanzania	5.28	0.01	0.00	0.00	17.28	22.57	0.55
88	Aruba	19.65	0.00	0.00	0.00	0.00	19.65	0.43

TABLE 5.12 (CONTD.) COUNTRY-WISE / YEAR-WISE FDI INFLOWS FROM JANUARY 2000 TO DECEMBER 2008

(Amount in Rs. million)

Sl No	Country	2000-2004 (Jan-Dec)	2005 (Jan-Dec)	2006 (Jan-Dec)	2007 (Jan-Dec)	2008 (Jan-Dec)	Cumulative Total (from January 2000 to December 2008)	
							in Rs	in US$
89	Croatia	9.69	0.00	0.00	8.75	0.00	18.44	0.42
90	Greece	0.15	2.43	0.20	12.43	0.10	15.31	0.36
91	Estonia	0.00	0.00	0.00	7.50	3.16	10.66	0.25
92	Lebanon	0.10	0.00	10.98	0.00	0.03	11.11	0.24
93	Yugoslavia	11.31	0.00	0.00	0.00	0.00	11.31	0.24
94	Jamica	0.00	0.00	10.00	0.00	0.00	10.00	0.22
95	Nepal	3.49	0.00	0.00	0.00	4.90	8.39	0.20
96	Hungary	1.00	4.65	0.10	1.00	0.00	6.75	0.15
97	Bulgaria	6.43	0.00	0.00	0.00	0.00	6.43	0.14
98	Zambia	4.64	0.00	0.00	0.00	2.00	6.64	0.14
99	Vietnam	4.19	0.00	0.89	0.01	0.00	5.08	0.12
100	Qatar	3.95	0.03	0.00	0.81	0.01	4.80	0.11
101	West Africa	0.00	0.70	0.00	0.01	3.85	4.56	0.11
102	Congo (DR)	0.00	0.00	0.00	0.00	4.40	4.40	0.11
103	Egypt	0.83	0.00	2.19	0.00	0.00	3.01	0.07
104	Latvia	0.00	0.00	0.00	2.50	0.00	2.50	0.06
105	Mexico	0.00	1.65	0.20	0.50	0.20	2.55	0.06
106	Libya	0.00	0.00	0.00	2.55	0.00	2.55	0.06
107	Iran	1.51	0.00	0.08	0.10	0.00	1.68	0.04
108	Sudan	0.00	0.00	0.00	0.00	2.16	2.16	0.04
109	Peru	1.64	0.37	0.00	0.00	0.00	2.01	0.04
110	Nicosia	0.00	0.00	0.00	0.00	0.30	0.30	0.01
111	Afghanistan	0.00	0.00	0.00	0.09	0.00	0.09	0.00
112	Romania	0.00	0.00	0.00	0.05	0.00	0.05	0.00
113	Venezuela	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	Georgia	0.00	0.10	0.00	0.00	0.00	0.10	0.00
115	Costa Rica	0.10	0.00	0.00	0.00	0.00	0.10	0.00
116	East Africa	0.00	0.00	0.01	0.05	0.00	0.06	0.00
117	Dgibouti	0.00	0.00	0.00	0.02	0.00	0.02	0.00
118	NRI	4980.58	1889.56	27834.45	35843.49	81902.26	152450.34	3616.42
119	FII's	0.00	0.00	0.00	2.46	0.00	2.46	0.06
120	Unindicted Country	1786.99	6478.20	6231.95	24066.96	118144.69	156708.80	3765.36
Sub. Total		**664029.33**	**192707.22**	**503572.68**	**654949.86**	**1397254.74**	**3412513.83**	**78943.76**
121	Advance of inflows *	89622.22	0.00	0.00	0.00	0.00	89622.22	1962.82
122	Stock swapped*	2565.00	0.00	283.71	142405.77	433.03	145466.35	3301.07
123	Rbi's-nri schemes**	5891.50	0.00	0.00	0.00	0.00	5891.50	134.37
GRAND TOTAL		**762108.05**	**192707.22**	**503856.39**	**797355.63**	**1397687.77**	**3653493.90**	**84342.02**

Note: (i) + Advance of inflows pertaining to the years 2000 to 2004.
(i i) * Stock swapped from 2002 to December 2008.
(iii) ** RBI's NRI schemes for the period from 2000 to 2002.

Source: Ministry of Commerce and Industry, Department of Industrial Policy and Promotion.

TABLE 5.13 SECTOR-WISE / YEAR- WISE FDI INFLOWS FROM JANUARY 2000 TO DECEMBER 2008

(Amount in Rs. million)

S. Nos.	Sector	2000-2004 (Jan-Dec)	2005 (Jan-Dec)	2006 (Jan-Dec)	2007 (Jan-Dec)	2008 (Jan-Dec)	Cumulative Total (from January 2008 2000 to Dec. 2008)	
							in Rs	in US$
1	Services sector	47361.66	28961.35	175019.53	143776.22	339475.12	734593.88	17039.02
2	Computer software & hardware	80167.25	42066.76	87492.90	102148.54	78102.50	389977.96	8856.16
3	Telecommunications	66569.17	7061.99	41702.15	43541.50	115954.81	274829.62	6203.19
4	Construction activities	12436.21	5118.03	36613.91	51924.40	103623.52	209716.07	4949.57
5	Housing & real estate (including Cineplex, multiplex, integrated townships & commercial complexes etc.)	1206.21	879.61	21166.32	60621.07	113451.38	197324.58	4696.77
6	Automobile industry	59027.23	5892.16	11773.53	14895.00	48094.92	139682.84	3183.26
7	Power	47802.04	1513.45	8931.46	10207.64	54612.13	123066.72	2847.63
8	Metallurgical industries	12022.17	6046.50	7846.58	20298.60	62668.48	108882.34	2600.27
9	Petroleum & natural gas	19857.13	1246.00	2712.50	13937.68	56415.76	94169.08	2239.18
10	Chemicals (other than fertilizers)	25658.54	6562.53	17944.83	10170.23	26360.71	86696.84	1959.10
11	Cement and gypsum products	10950.81	19698.17	9520.07	1844.91	28869.39	70883.35	1623.89
12	Drugs & pharmaceuticals	27169.68	5107.25	9757.29	11405.68	11085.87	64525.77	1470.25
13	Ports	6742.72	21.69	0.30	0.10	56525.70	63290.50	1551.88
14	Trading	6790.78	1257.67	3861.07	23141.85	27698.55	62749.92	1490.63
15	Electrical equipments	16022.30	1075.55	3746.32	24872.69	11225.69	56942.55	1316.33
16	Hotel & tourism	7354.88	2799.59	8174.86	10581.23	22729.27	51639.82	1199.88
17	Consultancy services	18489.71	1626.90	5554.05	7040.92	15414.99	48126.57	1102.45
18	Information & broadcasting (Including print media)	6438.67	2577.75	1878.59	7958.53	22743.28	41596.83	978.79
19	Food processing industries	21338.51	1782.91	2463.12	2836.83	6360.28	34781.66	770.45
20	Electronics	21540.03	2796.19	1255.35	1196.06	7103.23	33890.86	748.08
21	Miscellaneous mechanical & engineering industries	8542.30	2224.73	2345.78	7962.33	7131.08	28206.22	647.07
22	Fermentation industries	1990.22	7487.17	198.68	2083.48	15978.68	27738.22	657.93
23	Hospital & diagnostic centres	3054.31	2225.83	1455.23	6806.20	13635.91	27177.47	643.42
24	Textiles (Including dyed, printed)	5108.22	3462.16	5268.03	4151.04	8696.24	26685.69	609.98
25	Mining	2271.49	275.49	146.19	16681.16	1754.70	21129.02	521.35
26	Sea transport	4670.38	2424.82	3170.22	4209.92	3217.34	17692.68	403.52
27	Ceramics	1499.45	276.42	1985.78	4198.52	9506.24	17466.42	410.01
28	Paper and pulp (including paper products)	4158.76	1229.04	225.68	902.30	9532.48	16048.26	376.59
29	Education	24.85	257.95	2070.43	1002.21	10979.22	14334.67	308.20
30	Industrial machinery	3128.94	1474.73	1169.92	901.30	6426.65	13101.54	303.73
31	Rubber goods	5260.41	1516.41	850.52	270.72	3656.71	11554.76	251.36
32	Diamond, gold ornaments	1340.84	685.28	2682.07	1699.52	4547.57	10955.28	246.92
33	Machine tools	4015.38	1001.11	1579.25	1966.07	2144.64	10706.45	242.99
34	Air transport (including air freight)	0.00	537.82	2236.20	5683.04	2095.12	10552.19	240.71
35	Medical and surgical appliances	3530.75	72.62	89.54	643.93	3623.63	7960.47	174.87
36	Agriculture services	2091.54	393.22	58.20	4869.26	442.22	7854.44	186.70

TABLE 5.13 (CONTD.) SECTOR-WISE / YEAR- WISE FDI INFLOWS FROM JANUARY 2000 TO DECEMBER 2008

(Amount in Rs. million)

S. Nos.	Sector	2000-2004 (Jan-Dec)	2005 (Jan-Dec)	2006 (Jan-Dec)	2007 (Jan-Dec)	2008 (Jan-Dec)	Cumulative Total (from January 2008 2000 to Dec. 2008)	
							in Rs	in US$
37	Agricultural machinery	854.34	2777.52	2527.51	240.44	249.31	6649.12	148.37
38	Printing of books (including litho printing industry)	874.34	414.03	2259.55	890.83	1595.31	6034.06	135.14
39	Commercial, office & household equipments	1426.70	1556.95	281.13	2031.87	551.52	5848.18	133.89
40	Earth-moving machinery	761.18	2313.00	45.79	2611.36	20.25	5751.59	134.51
41	Glass	4617.84	32.72	66.86	415.91	550.27	5683.60	126.51
42	Soaps, cosmetics & toilet preparations	40.95	3829.82	72.65	398.36	643.11	4984.88	114.54
43	Fertilizers	2403.17	193.13	228.23	48.33	1414.31	4287.17	96.71
44	Tea and coffee (processing & warehousing coffee & rubber)	928.87	62.44	283.49	147.34	2352.17	3774.31	84.27
45	Vegetable oils and vanaspati	326.89	601.66	199.97	630.28	2010.39	3769.18	83.70
46	Non-conventional energy	269.33	5.60	83.85	319.83	2781.79	3460.41	83.15
47	Railway related components	0.00	782.73	1124.15	297.45	943.63	3147.95	72.36
48	Photographic raw film and paper	53.68	264.33	126.03	2091.72	44.44	2580.20	63.90
49	Sugar	328.35	131.04	703.81	446.65	226.80	1836.64	41.58
50	Leather, leather goods and pickers	798.19	42.79	357.53	234.46	201.79	1634.76	37.05
51	Industrial instruments	426.79	1.17	15.77	88.14	836.49	1368.36	29.47
52	Retail trading (single brand)	0.00	0.00	0.00	66.38	1008.29	1074.67	25.18
53	Coal production	1.99	0.00	8.80	48.91	554.40	614.10	15.42
54	Scientific instruments	467.81	4.50	3.40	0.13	35.60	511.44	11.64
55	Glue and gelatin	295.76	0.00	0.00	67.50	22.54	385.80	8.44
56	Dye-stuffs	127.90	0.00	0.00	77.98	151.35	357.23	8.51
57	Boilers and steam generating plants	1.97	23.40	149.85	42.30	21.15	238.67	5.40
58	Prime mover (Other than electrical generators)	2.49	0.00	0.00	11.60	164.21	178.30	3.72
59	Timber products	9.91	16.54	0.10	15.25	97.78	139.59	3.10
60	Mathematical, survehing and drawing instruments	0.15	0.00	0.00	0.20	50.00	50.35	1.27
61	Coir	20.24	3.51	25.82	0.60	0.00	50.17	1.12
62	Defence industries	**0.00**	**2.37**	0.00	0.00	4.50	6.87	0.15
63	Miscellaneous industries	83356.96	10011.13	12061.93	17295.30	68839.35	191564.66	4422.53
Sub. Total		**664029.33**	**192707.22**	**503572.68**	**654949.86**	**1397254.74**	**3412513.83**	**78943.76**
64	Advance of inflows *	89622.22	0.00	0.00	0.00	0.00	89622.22	1962.82
65	Stock swapped*	2565.00	0.00	283.71	142405.77	433.03	145466.35	3301.07
66	Rbi's-nri schemes**	5891.50	0.00	0.00	0.00	0.00	5891.50	134.37
	GRAND TOTAL	**762108.05**	**192707.22**	**503856.39**	**797355.63**	**1397687.77**	**3653493.90**	**84342.02**

Note: (i) + Advance of inflows pertaining to the years 2000 to 2004.
(ii) * Stock swapped from 2002 to December 2008.
(iii) ** RBI's NRI schemes for the period from 2000 to 2002.

Source: Ministry of Commerce and Industry, Department of Industrial Policy and Promotion.

TABLE 5.14 RBI'S REGIONAL OFFICES (WITH STATE COVERED) RECEIVED FDI INFLOWS FROM JANUARY 2000 TO DECEMBER 2008 (As reported to Regional Offices of RBI)

(Amount in Rs. million)

S. No.	Regional Offices of RBI	States Covered	2000-2004	2005	2006	2007	2008	Cumulative Total from (January 2000 to December 20008)	
								in Rs	in US$
1.	Mumbai	Maharashtra, Dadra & Nagar Haveli, Daman & Diu	157058.55	22729.01	159073.24	185171.54	628425.75	1152458.09	26899.35
2.	New Delhi	Delhi, Part of UP and Haryana	177784.80	42976.05	97848.07	138569.78	93542.60	550721.31	12683.24
3.	Bangalore	Karnataka	48491.41	16069.85	28192.09	49632.24	96529.63	238915.21	5516.04
4.	Ahmedabad	Gujarat	21580.20	6352.13	16387.57	11833.93	173302.78	229456.61	5305.69
5.	Chennai	Tamil Nadu, Pondicherry	41066.10	10964.87	51925.27	28918.82	58155.86	191030.92	4335.49
6.	Hyderabad	Andhra Pradesh	20140.47	7232.79	25174.72	31846.67	62029.81	146424.45	3406.70
7.	Kolkata	West Bengal, Sikkim, Aandaman & Nicobar Islands	8384.62	4054.19	2882.89	16192.16	21508.30	53022.17	1256.08
8.	Jaipur	Rajasthan	151.36	26.56	2308.53	776.76	16808.76	20071.97	425.57
9.	Chandigarh	Chandigarh, Punjab, Haryana, Himachal Pradesh	10998.03	3777.87	848.63	1922.65	0.00	17547.18	384.22
10.	Panaji	Goa	4029.67	814.05	3508.82	363.80	2497.31	11213.65	249.76
11.	Kochi	Kerala, Lakshadweep	2727.47	262.47	944.49	1027.81	3516.57	8478.81	196.33
12.	Bhopal	Madhya Pradesh, Chattisgarh	1095.43	538.24	749.42	2045.52	1226.11	5654.73	129.05
13.	Bhubaneshwar	Orissa	0.00	2616.64	1035.94	302.63	0.00	3955.21	88.68
14.	Guwahati	Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tripura	417.43	0.00	0.00	110.00	1764.66	2292.09	53.30
15.	Kanpur	Uttar Pradesh, Uttranchal	0.00	0.30	556.15	160.17	0.00	716.62	16.37
16.	Patna	Bihar, Jharkhand	27.35	0.00	6.00	0.00	0.00	33.35	0.75
17.	**Region not indicated**		170076.43	74292.20	112130.85	186075.38	237946.61	780521.47	17997.14
	Sub. Total		**664029.33**	**192707.22**	**503572.68**	**654949.86**	**1397254.74**	**3412513.83**	**78943.76**
18	**Advance Of Inflow ***		89622.22	0.00	0.00	0.00	0.00	89622.22	1962.82
19	**Stock Swapped***		2565.00	0.00	283.71	142405.77	433.03	145466.35	3301.07
20	**NRI-RBI Schemes****		5891.50	0.00	0.00	0.00	0.00	5891.50	134.37
	Grand Total		**762108.05**	**192707.22**	**503856.39**	**797355.63**	**1397687.77**	**3653493.90**	**84342.02**

Note: (i) + Advance of inflows pertaining to the years 2000 to 2004.
(ii) * Stock swapped from 2002 to December 2008.
(iii) ** RBI's NRI schemes for the period from 2000 to 2002.

Source: Ministry of Commerce and Industry, Department of Industrial Policy and Promotion.

TABLE 5.15 STATE-WISE FOREIGN DIRECT INVESTMENT (FDI) & FOREIGN TECHNOLOGY CASES (FTC's) APPROVED FROM AUGUST 1991 TO DECEMBER 2008

(Amount in million)

S.No	Name of the State	No. of Approvals			Amount of Foreign Direct Investment Approved		% age to total FDI approved
		Total	Technical	Financial	(In Rs)	(In US$)	
1	Andhra Pradesh	1384	282	1102	179048.04	4535.35	5.18
2	Assam	32	25	7	374.03	9.27	0.01
3	Bihar	50	23	27	7397.05	180.18	0.21
4	Gujarat	1335	629	706	156075.96	3951.76	4.51
5	Haryana	954	363	591	41151.83	1077.26	1.19
6	Himachal Pradesh	109	65	44	12356.45	311.50	0.36
7	Jammu And Kashmir	6	3	3	84.10	2.42	0.00
8	Karnataka	2773	523	2250	253902.03	6249.59	7.34
9	Kerala	356	76	280	19666.27	487.17	0.57
10	Madhya Pradesh	254	79	175	93917.45	2545.78	2.72
11	Maharashtra	5502	1386	4116	654425.88	16069.85	18.92
12	Manipur	2	0	2	31.85	0.89	0.00
13	Meghalaya	5	0	5	529.60	13.66	0.02
14	Nagaland	2	1	1	36.80	1.03	0.00
15	Orissa	169	71	98	84283.00	2399.01	2.44
16	Punjab	228	75	153	273201.19	5862.12	7.90
17	Rajasthan	361	109	252	31857.81	851.41	0.92
18	Tamil Nadu	2868	674	2194	262724.93	6718.01	7.60
19	Tripura	4	1	3	30.88	0.74	0.00
20	Uttar Pradesh	854	292	562	52301.27	1395.27	1.51
21	West Bengal	730	211	519	118253.82	3164.88	3.42
22	Chattisgarh	51	31	20	24829.33	597.79	0.72
23	Jharkhand	86	57	29	1469.34	42.76	0.04
24	Uttaranchal	58	27	31	1542.75	45.15	0.04
25	Andaman & Nicobar	8	0	8	137.87	3.56	0.00
26	Arunachal Pradesh	2	0	2	110.60	3.52	0.00
27	Chandigarh	88	12	76	3241.70	80.34	0.09
28	Dadra & Nagar Haveli	72	48	24	1239.80	35.93	0.04
29	Delhi	3073	325	2748	386177.01	10278.75	11.17
30	Goa	296	70	226	11588.41	286.49	0.34
31	Lakshadweep	1	0	1	5.00	0.19	0.00
32	Mizoram	1	0	1	15.22	0.35	0.00
33	Pondicherry	134	43	91	12912.03	314.86	0.37
34	Daman & Diu	45	15	30	608.94	15.15	0.02
35	State Not Indicated	6259	2519	3740	772893.64	21102.39	22.35
	Grand Total	**28152**	**8035**	**20117**	**3458421.88**	**88634.40**	**100.00**

TABLE 5.16 COUNTRY WISE LIST OF JOINT VENTURES (JVs) AND WHOLLY OWNED SUBSIDIARIES (WOSs) AND OTHERS (AS ON 31ST MARCH, 2009)

Name of Country	WOS	JV	OTHERS	TOTAL
Afghanistan	1	2		3
Algeria	2	1		3
Argentina	3	0		3
Australia	76	43	6	125
Austria	10	3	0	13
Azerbaijan	1	3		4
Bahamas	4	2		6
Bangladesh	39	52		91
Bahrain	16	23		39
Belgium	33	20		53
Bermuda	8	4		12
Bhutan	1	3		4
Bolivia	1	0		1
Belarus	0	1		1
Botswana	2	7		9
Brazil	19	14	1	34
Burkina Faso	0	1		1
Bulgaria	2	1		3
British Virgin Island	74	13		87
Belize	2	0		2
Cambodia	0	3		3
Canada	51	34		85
Cayman Island	13	7		20
Chile	13	3		16
China	69	45		114
Congo	3	1		4
Colombia	0	1		1
Cuba	0	0	2	2
Cyprus	52	13		65
Czech Republic	3	1		4
Denmark	4	7		11
Egypt	3	20	4	27
Ethiopia	8	6		14
Fiji Island	0	1		1
Finland	2	3		5
France	22	32		54
Gabnon	0	0	1	1

TABLE 5.16 (CONTD.) COUNTRY WISE LIST OF JOINT VENTURES (JVs) AND WHOLLY OWNED SUBSIDIARIES (WOSs) AND OTHERS (AS ON 31ST MARCH, 2009)

Name of Country	WOS	JV	OTHERS	TOTAL
Georgia	1	3		4
Germany	127	55		182
Ghana	6	4		10
Gibraltar	1	0		1
Greece	0	3		3
Guyana	1	1		2
Hong Kong	122	45		167
Honduras republic	0	1		1
Hungary	5	7		12
Indonesia	27	38		65
Ireland	8	6		14
Isle of Man	6	0		6
Iran	2	12	1	15
Israel	2	4		6
Iraq	0	0	1	1
Italy	9	21		30
Jordan	0	4		4
Japan	24	17		41
Ivory Cost	3	0	1	4
Kazakhastan	2	9		11
KDR	2	5		7
Kenya	11	17		28
Kyrgystan	3	6		9
Korea	0	1		1
Kuwait	0	9	2	11
Laos	0	1		1
Latvia	1	1		2
Liberia	1	1		2
Liechtenstein	0	5		5
Libya	3	1	4	8
Luxembourg	6	3		9
Mauritius	304	70		374
Myanmar	0	2	3	5
Mexico	13	4		17
Maldives	2	5		7
Malta	2	4		6
Malaysia	51	89		140

TABLE 5.16 (CONTD.) COUNTRY WISE LIST OF JOINT VENTURES (JVs) AND WHOLLY OWNED SUBSIDIARIES (WOSs) AND OTHERS (AS ON 31ST MARCH, 2009)

Name of Country	WOS	JV	OTHERS	TOTAL
Monaco	0	1		1
Moldova	0	1		1
Mongolia	0	1		1
Morocco	1	2		3
Mauritania	1	0		1
Mozambique	4	3		7
Namibia	4	0		4
Nepal	40	74		114
Netherlands	104	32		136
Niger	1	0		1
Nigeria	19	28		47
Norway	1	1		2
New Zealand	9	5		14
Oman	7	32	1	40
Palestine	0	1		1
Panama	4	6		10
Peru	2	0		2
Philippines	9	10		19
Poland	7	5		12
Portugal	1	4		5
Qatar	0	8	1	9
Romania	7	1		8
Russia	26	45	1	72
Rwanda	1	1		2
South Africa	21	35		56
Saudi Arabia	7	30		37
Senegal	0	2		2
Sierra Leone	2	0		2
Singapore	467	176		643
Solomon Island	0	1		1
Sri Lanka	74	114		188
Spain	9	8		17
St. Vincent	1	0		1
Sudan	0	3	4	7
Slovakia	0	1		1
Sweden	8	5		13
Switzerland	55	20		75

TABLE 5.16 (CONTD.) COUNTRY WISE LIST OF JOINT VENTURES (JVs) AND WHOLLY OWNED SUBSIDIARIES (WOSs) AND OTHERS (AS ON 31ST MARCH, 2009)

Name of Country	WOS	JV	OTHERS	TOTAL
Syrian Arab Republic	0	0	1	1
Tadjikistan	1	3		4
Taiwan	2	0		2
Thailand	25	62		87
Turkmenistan	0	6		6
Tanzania	5	10		15
Tonga Island	0	1		1
Trinidad & Tobago	0	2		2
Tunisia	0	1		1
Turkey	2	7		9
UAE	360	228	1	589
Uganda	5	7		12
United Kingdom	455	187	2	642
Ukraine	4	6		10
USA	1396	507	4	1907
Uzbekistan	5	14		19
Vanuatu	2	1		3
Vietnam	4	8	3	15
Uganda	0	1		1
Zambia	3	2		5
Zimbabwe	1	1		2
Zanzibar	1	0		1
Total	**4446**	**2534**	**44**	**7024**

Source: Reserve Bank of India.

TABLE 5.17 FINANCIAL ASSISTANCE SANCTIONED AND DISBURSED BY ALL INDIA FINANCIAL INSTITUTIONS

(Rs. Crore)

	Institutions	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09P
	1	2	4	9	10	11	12	13	14
1	**Industrial Finance Corporation of India Ltd**								
(I)	Sanctioned	778	1960	1392	NA	NA	1050.0	2551	4015
(II)	Disbursed	1074	1780	278	91	187	550.0	2280	3312
2	**Industrial Development Bank of India**								
(I)	Sanctioned	15868	5898	3938	10799	27442	NA	NA	NA
(II)	Disbursed	11013	6615	4986	6183	12984	NA	NA	NA
3	**Industrial Investment Bank of India Ltd.**								
(I)	Sanctioned	1322	1207	2412	NA	NA	NA	NA	NA
(II)	Disbursed	1068	1092	2252	NA	NA	NA	NA	NA
4	**State Financial Corporations**								
(I)	Sanctioned	2210	1856	1134	NA	NA	NA	NA	NA
(II)	Disbursed	1750	1454	857	NA	NA	NA	NA	NA
5	**State Industrial Development Corporations**								
(I)	Sanctioned	1594	924	NA	NA	NA	NA	NA	NA
(II)	Disbursed	1718	1250	NA	NA	NA	NA	NA	NA
6	**Unit Trust of India**								
(I)	Sanctioned	991	307	NA	NA	NA	NA	NA	NA
(II)	Disbursed	1270	414	NA	NA	NA	NA	NA	NA
7	**Life Insurance Corporation of India**								
(I)	Sanctioned	6742	4333	21974	9340	15165	18127	38455	65009
(II)	Disbursed	8915	6206	15782	7954	11200	27017	27264	56434
8	**General Insurance Corporation of India**								
(I)	Sanctioned	1505	1325	1223	1064	393	727	1175	702
(II)	Disbursed	1466	1282	1207	1017	571	735	1176	652
9	**Small Industries Development Corporation**								
(I)	Sanctioned	9026	10904	8246	9091	11975	11102	16146	29645
(II)	Disbursed	5919	6789	4414	6188	9100	10225	15099	28293
10	**Infrastructure Development Finance Corporation**								
(I)	Sanctioned	3008	NA	5720	6414	10631	13053	20364	10317
(II)	Disbursed	1501	NA	2703	3723	6045	7207	12006	8084
11	**EXIM Bank**								
(I)	Sanctioned	4786	NA	NA	NA	NA	31760	35006	35247
(II)	Disbursed	3369	NA	NA	NA	NA	23773	29200	35006
12	**National Bank for Agriculture and Rural Development**								
(I)	Sanctioned	1897	NA	NA	NA	NA	39148	44572	54249
(II)	Disbursed	1897	NA	NA	NA	NA	28139	38245	50030
13	**New India Assurance Company Ltd.**								
(I)	Sanctioned	526	NA	NA	NA	NA	8.2	20	20
(II)	Disbursed	423	NA	NA	NA	NA	4.5	NA	NA
14	**National Insurance Company Ltd.**								
(I)	Sanctioned	132	NA	NA	NA	NA	NA	NA	NA
(II)	Disbursed	149	NA	NA	NA	NA	NA	NA	NA
15	**Oriental Insurance Company Ltd.**								
(I)	Sanctioned	105	NA	NA	NA	NA	—	—	—
(II)	Disbursed	254	NA	NA	NA	NA	0.09	0.11	—
16	**United India Insurance Company Ltd.**								
(I)	Sanctioned	324	NA	NA	NA	NA	—	20	—
(II)	Disbursed	330	NA	NA	NA	NA	0.12	20	—
17	**Industrial Credit and Investment Corporation of India Ltd.**								
(I)	Sanctioned	36229	NA	NA	NA	NA	NA	NA	NA
(II)	Disbursed	25831	NA	NA	NA	NA	NA	NA	NA

NA : Not applicable. (P): Provisional.

Source: Reserve Bank of India.

TABLE NO. 5.18 COMPANIES AT WORK 1960 TO 2007
(CAPITAL IN RS. CRORE)

	Companies Limited by Shares						Companies	Companies	Foreign
As on 31st March	Government Companies		Non-Government Companies		Total Companies		with un-limited Liability (No.)	Limited by Guarantee and asso-ciations not for Profit (No.)	Companies as defined under Sec 591 of the Companies Act, 1956 (No.)
	No.	Paid up	No.	Paid up	No.	Paid up			
1	2		3	4			5	6	7
1960	125	477.2	26772	1141.5	26897	1618.7	-	1180	565
1665	183	1114.9	26038	1727.9	26221	2842.8	-	1162	582
1970	282	1790.6	28727	2299.9	29009	4090.5	-	1206	561
1975	573	4966.0	40007	3234.8	40580	8200.8	4	1326	510
1976	651	6122.3	42755	3497.2	43406	9619.5	15	1337	481
1977	701	7174.5	45165	3705.2	45866	10879.7	43	1356	482
1978	745	8527.6	47549	4070.4	48294	12598.0	47	1381	473
1979	782	8315.2	50736	4260.0	51518	12575.2	62	1414	358
1980	825	10070.3	55668	4536.3	56493	14606.6	78	1447	315
1981	851	11442.6	61863	4914.1	62714	16356.7	176	1478	300
1982	894	13309.3	71508	5626.2	72402	18935.5	219	1496	311
1983	943	16734.9	81960	6321.4	82903	23056.3	252	1536	320
1984	973	19510.6	93291	6989.8	94264	26500.4	282	1598	326
1985	980	22447.0	108329	8149.7	109309	30596.7	295	1677	324
1986	1020	27087.8	223359	9506.8	124379	36594.6	298	1739	335
1987	1053	32872.7	139617	11095.1	140670	43967.8	299	1817	371
1988	1104	37169.3	157220	12954.8	158324	50124.1	309	1881	401
1989	1134	42572.4	179194	15131.1	180328	57703.5	319	1954	420
1990	1160	47450.7	200968	17192.7	202128	64643.4	303	2041	469
1991	1167	54484.6	223285	20313.3	224452	74797.9	317	2117	489
1992	1180	57911.0	249181	26731.3	250361	84642.3	330	2192	507
1993	1190	61163.4	275664	32891.7	276854	94055.1	337	2262	529
1994	1203	67380.5	304422	46441.4	305625	113821.9	349	2350	565
1995	1199	73299.5	352093	62719.2	353292	136018.7	375	2416	619
1996	1216	76962.8	407926	87125.6	409142	164088.4	392	2506	679
1997	1220	84317.8	449730	106200.8	450950	190518.6	419	2578	772
1998	1223	88958.9	483277	128689.7	484500	217648.6	420	2652	871
1999	1229	95918.4	510761	167440.9	511990	263359.3	427	2727	956
2000	1245	102849.9	541189	215960.4	542434	318810.3	449	2824	1045
2001	1266	109745.6	567834	247501.2	569100	357246.8	461	2918	1141
2002	1261	120505.2	587985	285248.0	589246	405753.2	479	3007	1285
2003	1283	130482.3	610872	326576.4	612155	457058.7	490	3108	1497
2004	1309	146358.3	640203	352432.5	641512	498790.8	496	3244	1654
2005	1328	155814.1	678321	498207.5	679649	654021.6	496	3432	1840
2006	1352	167614*	730817	451538*	732169	619152*	498	3605	2040
2007(R)	1669	199269*	742009	507291*	743678	706560*	520	3846	2310
2008(P)	1628	208444*	767517	611394*	769145	819838*	559	4039	2609

* Paid up Capital data for companies as compiled from MCA21.

Source: Department of Company Affairs. Ministry of Law, Justice & Company Affairs.

CHAPTER - VI

PUBLIC SECTOR ENTERPRISES

TABLE: 6.1 PLAN WISE GROWTH OF INVESTMENT IN PUBLIC ENTERPRISES

Sl. No.	Period	Total Investment (Rs. crore)	No. of Enterprises
	1	2	3
1	At the commencement of the 1st Five Year Plan (1.4.1951)	29	5
2	At the commencement of the 2nd Five Year Plan (1.4.1956)	81	21
3	At the commencement of the 3rd Five Year Plan (1.4.1961)	948	47
4	At the end of 3rd Five Year Plan (31.3.1966)	2410	73
5	At the commencement of the 4th Five Year Plan (1.4.1969)	3897	84
6	At the commencement of the 5th Five Year Plan (1.4.1974)	6237	122
7	At the end of 5th Five Year Plan (31.3.1979)	15534	169
8	At the commencement of the 6th Five Year Plan (1.4.1980)	18150	179
9	At the commencement of the 7th Five Year Plan (1.4.1985)	42673	215
10	At the end of 7th Five Year Plan (31.3.1990)	99329	244
11	At the commencement of the 8th Five Year Plan (1.4.1992)	135445	246
12	At the end of 8th Five Year Plan (31.3.1997)	213610	242
13	At the end of 9th Five Year Plan (31.3.2002)	324614	240
14	At the end of 10th Five Year Plan (31.3.2007)	420476	245
15	At the end of first year of Eleventh Five Year Plan (31.3.2008)	455409	242

Source: Department of Public Enterprises.

TABLE 6.2 SECTOR-WISE PATTERN OF INVESTMENT

(Rs. Crore)

Sl. No.	SECTOR	Investment as on 31.3.2008	Investment as on 31.3.2007	Investment (Net) during 2007-08	%Share of Investment as on 31.3.2008
1	2	3	4	5 (3-4)	6
1.	Agriculture	182.22	181.49	0.73	0.04
2.	Mining	40230.90	42042.04	(-)1811.14	8.83
3.	Manufacturing	101217.72	95620.13	5597.59	22.23
4.	Electricity	127300.32	119093.93	8206.39	27.95
5.	Services	183994.86	162079.39	2915.47	40.40
6.	Under Construction	2483.23	1459.26	1023.97	0.55
	Total	**455409.25**	**420476.24**	**34931.01**	**100.00**

Source: Department of Public Enterprises

TABLE 6.3 STATE-WISE DISTRIBUTION OF ASSETS OF CPUs

S. No.	Name of State/ Union Territory	Value of Assets (Rs. in crore)						
		1990-91	2000-01	2003-04	2004-05	2005-06	2006-07	2007-08
1	Andhra Pradesh	12969	27911	42431	44656	45789	50234	57874
2	Arunachal Pradesh	86	1609	2183	2961	3446	4047	4876
3	Assam	5460	19900	26334	28166	38963	37183	37626
4	Bihar	10693	16923	10403	12055	14525	17834	20897
5	Chhattisgarh	-	968	12090	16084	19244	24043	27981
6	Delhi	6707	40215	20255	21266	23485	20771	19853
7	Goa	235	180	396	437	454	512	950
8	Gujarat	614	31345	39153	42333	1992	48798	50269
9	Haryana	1071	7511	13014	16581	18626	21596	25679
10	Himanchal Pradesh	1385	9622	16302	17392	18267	20393	21907
11	Jammu & Kashmir	1271	8663	11003	11774	12411	12859	14332
12	Jharkhand	-	9001	22869	20658	21599	22786	24073
13	Karnataka	2693	11338	29573	28588	31232	32721	34862
14	Kerala	1853	9641	15301	16872	7796	19108	20746
15	Madhya Pradesh	12900	13669	27655	29852	32925	35720	40723
16	Maharahashtra	22012	72525	107825	122750	125175	127515	148573
17	Manipur	159	3282	242	261	264	1021	3345
18	Meghalaya	6	118	186	231	212	212	2570
19	Mizoram	24	112	336	NA	331	354	381
20	Nagaland	131	947	1054	1065	1012	955	1097
21	Orissa	6899	22650	31415	33374	34284	36693	40112
22	Punjab	890	2361	8704	9391	10127	10452	11225
23	Rajasthan	2219	8967	15399	13963	16887	18621	22012
24	Sikkim	17	712	1566	1991	5850	2967	3311
25	Tamilnadu	7139	20335	38517	43580	39882	47768	60624
26	Tripura	361	1290	1488	1679	1200	1258	2041
27	Uttar Pradesh	10229	26285	39934	45816	53245	53224	57225
28	Uttaranchal	-	5691	11526	11794	12822	14999	17040
29	West Bengal	8784	21602	29377	31441	31758	36468	39470
30	A & N Island	14	51	199	200	210	223	270
31	Chandigarh	164	84	100	100	82	110	231
32	Pondicherry	17	57	86	123	224	275	292
33	D & N Haveli	-	-	-	-	-	73	74
34	Daman & Diu	-	-	-	-	-	2	3
35	Lakshadweep	-	-	-	-	-	2	4
36	Others and Unallocated	7154	6532	19732	21885	28330	45306	31836
	Total	**129713**	**411869**	**596725**	**649245**	**715107**	**782668**	**862204**

Source: Department of Public Enterprises.

TABLE 6.4 STATE-WISE DISTRIBUTION OF EMPLOYMENT OF CENTRAL PUBLIC ENTERPRISES

S. No.	Name of State/ Union Territory	No. of employees (in lakh)					
		2000-01	2003-04	2004-05	2005-06	2006-07	2007-08
1	Andhra Pradesh	0.8	1.0	1.0	1.0	1.0	1.0
2	Arunachal Pradesh	—	—	—	—	0.02	0.02
3	Assam	0.5	0.5	0.5	0.5	0.5	0.5
4	Bihar	1	0.2	0.2	0.2	0.2	0.2
5	Chhattisgarh	1.1	1.0	1.0	1.0	1.0	1.0
6	Delhi	1	0.8	0.8	0.7	0.6	0.6
7	Goa	—	—	—	0.03	0.03	0.03
8	Gujarat	0.5	0.5	0.5	0.5	0.5	0.5
9	Haryana	0.2	0.2	0.2	0.2	0.2	0.2
10	Himanchal Pradesh	0.1	0.1	0.1	0.1	0.09	0.09
11	Jammu & Kashmir	0.1	0.1	0.1	0.1	0.09	0.09
12	Jharkhand	2.1	2.5	2.3	2.2	2.1	2.1
13	Karnataka	0.7	0.8	0.8	0.8	0.8	0.8
14	Kerala	0.4	0.4	0.4	0.4	0.4	0.4
15	Madhya Pradesh	1.1	1.1	1.1	1.1	1.0	1.0
16	Maharahashtra	2	2.1	2.1	2	1.8	1.8
17	Manipur	—	—	—	—	0.01	0.01
18	Meghalaya	—	—	—	—	0.01	0.01
19	Mizoram	—	—	—	—	—	—
20	Nagaland	—	—	—	—	—	—
21	Orissa	0.8	0.7	0.7	0.7	0.07	0.07
22	Punjab	0.2	0.3	0.3	0.2	0.2	0.2
23	Rajasthan	0.3	0.3	0.3	0.3	0.3	0.3
24	Sikkim	—	—	—	—	—	—
25	Tamilnadu	0.7	0.9	1.1	1.1	0.9	0.9
26	Tripura	—	—	—	—	0.01	0.01
27	Uttar Pradesh	1	0.9	0.9	0.9	0.8	0.8
28	Uttaranchal	0.1	0.2	0.2	0.2	0.2	0.2
29	West Bengal	2.8	2.2	2	2	1.9	1.8
30	A & N Island	—	—	—	—	0.02	0.02
31	Chandigarh	—	—	—	—	0.01	0.01
32	Pondicherry	—	—	—	—	0.02	0.02
33	D & N Haveli	—	—	—	—	—	—
34	Daman & Diu	—	—	—	—	—	—
35	Lakshadweep	—	—	—	—	—	—
36	Others and Unallocated	—	0.6	0.5	0.4	0.3	0.3
	Total	**17.1**	**17.7**	**17**	**16.5**	**16.1**	**15.7**

Source: Department of Public Enterprises.

TABLE: 6.5 COGNATE GROUP-WISE BREAK-UP OF TURNOVER

(in Rs. Crore)

Sl No.	Sector/Cognate Group	Turnover during 2007-08	Turnover during 2006-07	Increase/ Decrease (-)	% Increase/ Decrease (-) Over 2006-07
1	2	3	4	5 (3-4)	6
I	**Agriculture**				
	1.1Agro Based Industries	362	245	72	42.04
	Sub Total	**362**	**245**	**72**	**42.04**
II	**Mining**				
	2.1Coal and Lignite	39150	34144	-463	-1.34
	2.2 Crude Oil	73128	65165	10176	18.51
	2.3 Other Minerals & Metals	16454	14057	1673	13.51
	Sub Total	**128732**	**113365**	**11385**	**11.16**
III.	**Manufacturing**				
	3.1 Steel	57317	49399	7657	18.34
	3.2 Petroleum (Refinery & Marketing)	581648	515942	74198	16.80
	3.3 Fertilizers	11662	10452	1088	11.62
	3.4 Chemicals & Pharmaceuticals	1493	1180	205	21.02
	3.5 Heavy Engineering	22230	19454	4416	29.37
	3.6 Medium & Light Engineering	10685	10648	1089	11.39
	3.7 Transportation Equipment	13322	12535	2916	30.32
	3.8 Consumer Goods	4021	3133	1473	88.81
	3.9 Textiles	490	516	-87	-14.37
	Sub Total	**702868**	**623259**	**92956**	**17.53**
IV.	**Electricity**				
	14 Generation	46772	41580	6947	20.06
	15 Transmission	4646	3608	455	14.43
	Sub Total	**51418**	**45188**	**7402**	**19.59**
	Services				
	16. Trading and Marketing	106670	94149	13421	16.53
	17. Transport Services	26832	25824	296	1.16
	18. Contract & Construction Services	8014	6451	1019	22.90
	19. Ind. Dev & Tech Consul. Services	4054	3493	247	7.61
	20. Tourist Services	1018	1030	366	54.38
	21. Financial Services	14687	12253	2068	20.3
	22. Telecommunication Services	37271	39638	-2118	-5.07
	Sub Total	**198546**	**182838**	**15299**	**9.16**
	Grand Total	**1081925**	**964896**	**127115**	**15.18**

Source: Department of Public Enterprises.

CHAPTER - VII

SMALL SCALE SECTOR IN INDIA

MICRO, SMALL & MEDIUM ENTERPRISES

INCENTIVES AND FACILITIES FOR MICRO, SMALL & MEDIUM ENTERPRISES

7.1 Micro, Small & Medium Enterprises (MSMEs) play an important role as less capital-intensive producers of consumer goods and providers of employment to labour thereby addressing the problems of reducing the poverty and unemployment. According to Quick Results of 4th All India Census of MSMEs with reference year of 2006-07 there are about 261.01 lakh enterprises (both registered and unregistered), accounting for more than 44.15 percent of gross value added (GVA) in the manufacturing sector in the country. It has provided employment to about 594.61 lakh persons as at the end of 31.03.2007, which is the largest source of employment after agriculture.

7.2 One of the measures of the policy support for promoting MICRO, SMALL & MEDIUM ENTERPRISES is the policy of reservation of economically viable and technically feasible items for exclusive manufacture in MSME sector. Items are reserved / de-reserved in accordance with Section 29(B) of the Industries (Development & Regulation) Act, 1951, which, inter alia, provides for the constitution of an Advisory committee under the chairmanship of the Secretary (MSME), with the Secretary (Department of Industrial Policy and Promotion), the Secretary (Commerce), the Advisor (VSI) of Planning Commission and the Development Commissioner(MSME) as member-secretary. The decisions are taken by the government after considering the recommendations of the Advisory Committee, which has so far met 29 times. As on date 21 items are reserved for exclusive manufacture in MSE sector.

7.3 The Micro, Small & Medium Enterprises (MSMEs) has acquired a prominent place in the socio-economic development of the country during the past five decades, contributing the overall growth of the gross domestic product, towards employment generation and exports. During the year 2006-07 MSME contribution to the Gross Domestic product was 7.20 %. Having emerged as the engine of growth for Indian Industry, performance of MSME sector has had a direct impact on the growth of the national economy.

7.4 There has been a steady increase in number of MSME units, their production, employment and exports over the years. On the production front also, there has been a steady increase over the previous years. The increase was 8.43% in1997-98, 7.70% in 1998-99, 8.16% in 1999-2000 & 8.23% in 2000-01 respectively. In the year 2001-02 the increase over the previous year was registered 6.08% at constant prices i.e. 1993-94 prices. Similarly the increase in production during the year 2002-03, 2003-04, 2004-05 and 2005-06, 2006-07, were 8.68%, 9.64%, 10.88%, 12.32%, and 12.60% respectively. As per Quick Results of 4th All India Census of MSMEs, the production for registered part was found to be Rs. 709468 crore for the year 2006-07.Table 7.1 gives the achievement in the MSE sector from 1996-97 to 2006-07 (at constant prices).

MICRO, SMALL & MEDIUM ENTERPRISES

TABLE 7.1 GROWTH OF MSME PRODUCTION

YEAR	Achievement (Rs. Crore) At 19993-94 prices	%age growth
1996-97	134892	11.32
1997-98	146263	8.43
1998-99	157525	7.70
1999-00	170379	8.16
2000-01	184401	8.23
2001-02	195613	6.08
	At 2001-02 price	
2002-03*	306771	8.68
2003-04*	336344	9.64
2004-05*	372938	10.88
2005-06*	418884	12.32
2006-07*	471663	12.60
	Based on Quick Results of 4th All India Census	
2006-07**	709468	

***Registered MSMEs only, * Base year has been changed (2001-02).*

Source: DC (MSME)

TABLE 7.2 PRODUCTION GROWTH OF MSME SECTOR IN COMPARISION TO OVERALL INDUSTRIAL SECTOR

Year	%age growth rate of MSME sector	%age growth rate of overall Industrial sector
1996-97	11.32	6.08
1997-98	8.43	6.65
1998-99	7.70	4.09
1999-00	8.16	6.68
2000-01	8.23	4.97
2001-02	6.08	2.71
2002-03	8.68	5.70
2003-04	9.64	6.90
2004-05	10.88	8.40
2005-06	12.32	8.10
2006-07	12.60	11.51

Source: DC (MSME)

TABLE 7.3 PERFORMANCES OF THE SECTORS IN NORTH EASTERN REGION FOR THE YEAR (2007-2008)

(Values in Rs. crore)

S.No.	Name of the State	No of units	Fixed Investment#	Production#	Employment
1.	Sikkim	12331	28.00	52.00	26059
2.	Arunachal Pradesh	21236	607.00	267.00	43246
3.	Nagaland	28189	747.00	1438.00	72696
4.	Manipur	66085	936.00	1314.00	120978
5.	Mizoram	23389	293.00	317.00	39338
6.	Tripura	114242	398.00	599.00	179051
7.	Meghalaya	50953	138.00	458.00	107247
8.	Assam	629036	5472.00	7093.00	1286499
	Total	**945461**	**8619.00**	**11538.00**	**1875114**

#: Registered MSMEs only

TABLE 7.4 EMPLOYMENT GENERATION (LAKH PERSONS)

Year	Target	Achievement
1998-99	170.00	220.55
1999-00	175.00	229.10
2000-01	180.00	240.94
2001-02	249.33	252.29
2002-03	258.13	263.68
2003-04	266.93	275.30
2004-05	275.73	287.55
2005-06	284.53	299.85
	Based on Quick Results of 4th All India Census	
2006-07	293.33	594.61
2007-08(P)	316.79	623.81

(P) Projected, Source: DC (MSME)

TABLE 7.4 (A) CONTRIBUTION OF MSMES IN THE GROSS DOMESTIC PRODUCT (GDP)

Year	Contribution of MSME (%)	
	Total Industrial Production	Gross Domestic Product (GDP)
2002-03	38.89	05.91
2003-04	38.74	05.79
2004-05	38.62	05.84
2005-06	38.56	05.83
2006-07	38.57	05.94
	Based on Quick Results of 4th All India Census of MSMEs	
2006-07	44.12	07.20

EXPORT PERFORMANCE OF MSME SECTOR

7.5 The export front from MSME Sector was Rs. 39248.5 crore in 1996-97, which increased to Rs. 202017 crore in 2007-08. The figures of exports for the years, 2000-01, 2001-02, 2002-03, 2003-04, 2004-05, 2005-06 & 2006-07 were Rs. 69797 crore, Rs. 71244 crore, Rs. 86013crore, Rs.97644, Rs.124417, Rs.150242 and 182538 crore respectively. The figures are given below:

TABLE 7.5 EXPORTS FROM MSME SECTOR

Year	Export from SSI sector (Rs. crore)	%age growth
1996-97	39248	7.62
1997-98	44442	13.23
1998-99	48979	10.21
1999-00	54200	10.66
2000-01	69797	28.78
2001-02	71244	2.07
2002-03	86013	20.73
2003-04	97644	13.52
2004-05	124417	27.42
2005-06	150242	20.76
2006-07	182538	21.50
2007-08	202017	10.67

No target in Eleventh Plan
Source: DC (MSME)

TABLE 7.6 SHARE OF MICRO, SMALL & MEDIUM ENTERPRISES IN TOTAL EXPORTS

YEAR	Total Exports (Rs. crore)	%age increase	Export from MSME sector (Rs. crore)	%age increase	%age share of MSME sector
1980-81	6710.70	3.90	1643.20	34.00	24.50
1981-82	7805.90	16.30	2070.60	26.00	26.50
1982-83	8907.80	14.10	2045.00	(-)1.20	23.00
1983-84	9872.10	10.80	2164.00	5.80	21.90
1984-85	11493.70	16.40	2540.80	17.40	22.10
1985-86	10894.60	(-)5.2	2769.10	9.00	25.40
1986-87	12566.60	15.30	3643.70	31.60	29.00
1987-88	15741.20	25.30	4373.00	20.00	27.80
1988-89	20295.20	28.30	5489.60	25.50	27.00
1989-90	27681.50	36.40	7625.70	38.90	27.50
1990-91	32553.30	17.60	9664.10	26.70	29.70
1991-92	44041.80	35.30	13883.40	43.66	31.52
19992-93	53350.50	21.10	17784.80	28.10	33.34
1993-94	69547.00	30.40	25307.10	42.30	36.39
1994-95	82574.10	18.90	29068.20	14.86	35.20
1995-96	106464.90	28.80	36470.20	25.46	34.26
1996-97	117525.00	10.40	39248.50	7.62	33.40
1997-98	126286.00	7.50	44442.20	13.23	35.19
1998-99	141603.50	12.10	48979.20	10.21	34.59
1999-2k	159561.00	12.68	54200.47	10.66	33.97
2000-01	202509.70	26.92	69796.50	28.77	34.47
2001-02	207746.00	2.59	71244.00	2.07	34.29
2002-03	252789.97	21.68	86012.52	20.73	34.03
2003.04	291582.00	15.35	97644.00	13.52	33.49
2004-05	355339.52	27.94	124416.56	27.42	33.15
2005-06	456417.88	21.60	150242.03	20.76	32.92
2006-07	571779.27	25.28	182537.85	21.50	31.92
2007-08	655863.52	14.71	202017.46	10.67	30.80

Source: DC (MSME)

TABLE 7.7 EXPORTS OF MAJOR PRODUCTS OF MSME SECTOR

(Value in Rs. crore)

S.No.	Product Group	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
1	Engineering Goods	8302.9	12500	16040.8	23561	30097.00	42887.00	46613.00
2	Basic chem. pharmaceutical & cosmetic products	8037.2	9659.12	11763.1	13851	8421.29	6554.00	7221.60
3	Chemical & allied products	426.12	3354.67	3750.72	14248.38	17604.62	19367.73	21911.50
4	Plastic Products	1882.25	1862.56	2122.91	3632.33	4882.85	1633.20	4099.83
5	Finished Leather & Leather products	5715.8	6108.24	6695.22	7437.87	8344.86	10049.51	10390.57
6	Marine Products	2617.41	3251.4	2878.45	3411.86	3372.02	8362.52	7620.92
7	Agriculture	6896.35	9679.57	9928.91	11378.42	12516.26	15264.15	22309.41
8	Wool & woolen products	2344.4	1224.71	1564	1763.15	2098.27	1919.36	1800.62
9	Sports Goods	275.66	317.51	429	395.1	456.97	509.04	519.26
10	Readymade garments	24893.5	23404.9	25179.4	22247.15	34373.78	36252.24	35124.91
11	Synthetic and Rayon Textiles	1303.59	1484.19	1586.88	1839.43	2129.86	2368.80	2682.60
12	Processed Tobacco, Bidi & Snuff	560.83	675.19	744.53	986.65	907.99	1024.19	1188.09
13	Electronics and computers	5624.35	9860	12437	16147.29	21698.51	30004.05	35626.26
	Non-traditional total(A)	68880.3	83382	95120.9	120899.6	146904.29	1716195.79	197108.57
14	Cashew	1628.05	2014.77	1811.46	2717.15	2514.86	2465.44	2300.87
15	(a) Lac Product						159.62	124.87
	(b) Forest Product	140.87	100.69	163.12	165.88	165.62	2060.48	477.40
16	Spices	594.75	515.05	548.09	632.94	663.26	50.50	2005.75
	Traditional Total (B)	**2363.67**	**2630.51**	**2522.67**	**3515.97**	**3337.74**	**6342.04**	**4908.89**
	Total (A+B)	**71244.0**	**86012.5**	**97643.6**	**124415.6**	**150242.0**	**182537.83**	**202017.46**

Source: DC (MSME)

7.6 MARKETING ASSISTANCE AND EXPORT PROMOTION SCHEME

(A) Publicity & Exhibition Scheme- Participation in the International Exhibitions/ Fairs Office of the Development Commissioner (MSME) has been participating in some of the selected International Exhibitions/Fairs abroad. It is purely promotional scheme to give exposure to the MSEs which otherwise are not in a position to participate in the exhibitions/fairs at their own cost. Under the scheme, exhibits of the selected export-worthy units displayed in the exhibition that provides an opportunity to MSEs in demonstrating their capabilities before the international community. On an average, this Office has been participating in 10-15 numbers of International Exhibitions/Fairs abroad every year and 100 MSEs have been benefited. For confirmed participation , the unit has to send 50% of space hiring charges of their booked space (Minimum 6 Sq. Mtr.) through MSME Development Institutes by a DD favoring PAO (MSME) New Delhi at least 30 days advance of the commencement of the event. The participating units will also carry/manage their exhibits (to and fro) including custom clearance etc. If any body wants more space, they can book multiple of 1x3 Sq.mtr. on pro-rata basis and would be required to pay accordingly. However SC/ST/Women entrepreneurs& entrepreneurs from NE Region need not pay space rental charges. Participating units may avail financial benefits under MSEs-MDA scheme. Participating units are selected by Director, MSME- Development Institutes. Under the scheme ,only one officer of MSME is deputed as Team Leader of the delegation of participating MSEs under MSE stall to each and every approved fair and expenditure towards deputation are booked

(B) Market Development Assistance Scheme for MSEs Exporters MSEs- MDA)

As part of the comprehensive policy package for MSEs, MSEs-MDA scheme has been announced in August 2000 and came into operation w.e.f. 30th August, 2001. With a view to increase participation of representative of participating units, the provision of MSEs-MDA Scheme has been modified recently. The provisions of MSE-MDA Scheme are as under:

- The Govt. of India will reimburse the 75% of air fare by economy return class (100% to SC/ST/ Women entrepreneurs& entrepreneurs from NE Region)
- 50% subsidy on space rent.
- Total subsidy on air fare and space rent will be restricted to Rs.1.25 lakhs per unit.
- Any unit can avail of this facility only once a year and
- Only one person of the participating unit would be eligible for subsidy on air fare.
- The offer is available on first come first served basis till space is available.
- Space allocation will be made by O/o DC (MSME) at its discretion and the decision will be final and binding

PRIME MINISTER'S ROZGAR YOJANA

7.7 Prime Minister's Rozgar Yojana for providing self-employment to educated unemployed youth of economically weaker sections has been in operation since October 2, .1993. The scheme aims at assisting the eligible youth in setting up self-employment ventures in industry, service & business sectors. The scheme intends to cover urban and rural areas. The scheme has been modified to enhance its coverage and scope. The modified parameters are as under:

S.No.	Parameters	Description
1	Age	i) 18 to 35 years for all educated unemployed ii) 18 to 40 for all educated unemployed in North-East States, Himachal Pradesh, Uttarakhand and J & K. iii) 18 to 45 years for Scheduled Castes/Scheduled Tribes, Ex-servicemen, Physically Disabled and Women.
2	Educational Qualification	VIII pass. Preference will be given to those who have been trained for any trade in Government recognized/approved institutions for duration at list six months
3	Family Income	Neither the income of the beneficiary along with the spouse, the income of the parents nor the in-laws (in case of married men in Meghalaya and married women in the rest of the country staying with in-laws) of the beneficiaries shall exceed Rs. 1,00,000/- per annum.
4	Residence	Permanent resident of the area for at least 3 years. (Relaxed for married men in Meghalaya and married women in rest of the country. For married men in Meghalaya and married women in the rest of the country, the residency criteria apply to the spouse or in laws.)
5	Defaulter	Should not be a defaulter to any nationalized bank/financial institution/ cooperative bank. Further, a person already assisted under other subsidy linked Government schemes would not be eligible under this Scheme.
6	Activities Covered	All economically viable activities including agriculture and allied activities but excluding direct agricultural operations like raising Crop, purchase of manure etc.
7	Project Cost	Rs.2.00 lakh for business/service sector and Rs. 5.00 lakhs for industry sector, loan to be of composite nature. If two or more eligible persons join together in a partnership, project up to Rs. 10.00 lakhs are covered. Assistance shall be limited to individual admissibility. Self Help Groups can considered for assistance under the Scheme provided: ● Educated Unemployed Youth satisfy the eligibility criteria laid down under the Scheme volunteer to form SHG to set up self-employed ventures (Common Economic Activity). ● A Self Help Group may consist of 5-20 educated unemployed youth. ● No upper ceiling on project cost. ● Loan may be provided as individual eligibility taking into account requirement of the project. ● SHG may undertake common economic activity for which loan is sanctioned without restoring to onward lending to its members. ● The subsidy ceiling for Self Help Group is Rs. 15000/- per Beneficiary subject to maximum of Rs. 1.25 lakh per Self Help Group. ● Subsidy may be provided to the SHG as per the eligibility of individual members taking into account relaxation provided in North Eastern States, Uttarakhand, Himachal Pradesh and Jammu & Kashmir.

S.No.	Parameters	Description
		• Required margin money contribution (i.e. subsidy and margin to be equal to 20 per cent of the project cost) should be brought in by SHG collectively. • The exemption limit for obtaining of collateral security will be Rs. 5 lakh per member of SHG for projects in the industry sector and Rs. 2 lakh per member of SHG for projects under Service/Business sectors. Banks may consider enhancement in the limit of exemption of collateral in deserving cases. • Implementing agencies may decide necessity of predisbursal training for all the members. Majority.
8	Subsidy & Margin Money	i) Subsidy will be limited to 15% of the project cost subject to ceiling of Rs. 12,500/- per entrepreneur. Banks will be allowed to take margin money from the entrepreneur varying from 5% to 16.25% of the project cost so as to make the total of the subsidy and the margin money equal to 20% of the project cost. For North Eastern States, Himachal Pradesh, Uttarakhand and Jammu & Kashmir. ii) Subsidy @ of 15 per cent of the project cost subject a ceiling of Rs. 15,000/- per entrepreneur for north eastern States, Himachal Pradesh, Uttarakhand and Jammu & Kashmir. Margin money contribution from the entrepreneur may vary from 5% to 12.5% of the project cost so as to make the total of the subsidy and the margin money equal to 20% of the project cost.
9	Collateral	No collateral for units in industry sector with project cost up to Rs.5 lakh (the loan ceiling under the PMRY). For partnership projects under Industry sector, the Exemption limit for obtaining of collateral security will be Rs. 5 00 lakh per borrower account. For units in Service/Business sector no collateral for project up to Rs.2.00 lakh. Exemption from collateral in case of partnership project will also be limited to an amount of Rs. 2.00 lakh per person participating in the project
10	Rate of interest and repayment schedule	Normal rate of interest shall be charged. Repayment schedule may range between 3 to 7 years after an initial moratorium as may be prescribed.
11	Reservation	Preference should be given to weaker sections including women. Assistance to SC/ST beneficiaries should be targeted in such a manner that they are benefited in proportion to their population in the respective district/State. However, the number of SC/ST beneficiaries should not be less than 22.5% and 27% for Other Backward Class (OBCs) as is currently envisaged in the PMRY. In case SC/ST/OBC candidates are not available, States/ UTs Govt. will be competent to consider other categories of candidates under PMRY.
12	Training and other assistance	Each entrepreneur whose loan is sanctioned is provided training as per details given below: i) For Industry Sector:Duration: 15-20 working days. Stipend: Rs.750/- Training expenditure: Rs. 1750/-

S.No.	Parameters	Description
		ii) For Service and business sector:Duration: 7-10 working days Stipend: Rs.375/-Training Expenditure: Rs. 875/-
13	Motivational campaigns	To improve the success rate of eligible applicants, States/UTs will be allowed reimbursement of cost of counseling and guiding the applicants @ Rs. 200/- per applicant, for 125 per cent of the allocated target of cases.
14	Publicity	i) Seminars to be conducted in each district for creating awareness of PMRY in the area in the form of pre-selection motivational campaigns. A resolution may be adopted by each Gram Panchayat for giving wide publicity and awareness about PMRY in their respective jurisdictions. ii) To reduce the level of Sickness/ Closure of PMRY units, the District Level Selection Committee/Task Force Committee be made responsible for the proper scrutiny of applications and selection of viable projects.
	Implementing Agency	The District Industry Centres and the Directorates of Industries are mainly responsible for implementation of the scheme along with banks.

PMRY

Name of the District:

Name of the Block:

Name of the Village:

S. No	Name of the Scheme	Name of the impleme -nting agency	Details of the Scheme	Cost of the Scheme	Dated of release of funds	Name and address of the beneficiary/ total No. of beneficiaries	Position of the grant of benefit received/not received	Bank loan taken/ not taken	Remarks of verification Officer
1	2	3	4	5	6	7	8	9	10

Note:

1. Columns 1 to 7 should be filled in by the implementing department/agency.
2. Columns 8 to 10 should be filled in by the Verification Officer.

Signature of the Verification Officer

TABLE 7.8 STATUS OF PROGRESS UNDER THE PMRY SCHEME

YEAR	Plan	Cases Sanctioned		Cases Disbursed		Estimated Employment Generated#
	Target(No.)	No.	Amount (Rs. in cr.)	No.	Amount (Rs. in cr.)	
1	2	3	4	5	6	7
1993-94	40000	30029	188	23035	137	34553
1994-95	220000	185803	1054	158863	872	238295
1995-96	220000*	287218	1678	241843	1378	362765
	(260000)					
1996-97	220000	271768	1653	228495	1352	342743
1997-98	220000	263622	1592	209103	1218	313655
1998-99	220000	271342	1618	191351	1093	287027
1999-2000	220000	259088	1683	203454	1269	305181
2000-2001	220000	237896	1559	184890	1168	277335
2001-2002	220000	237392	1539	189860	1185	284790
2002-2003	220000	228031	1497	190521	1198	285782
2003-2004	22000	264012	1679	219444	1368	329166
2004-2005	250000	298003	1923	248264	1543	372396
2005-2006	250000	318095	2055	273066	1701	409599
2006-2007	255000	314791	2048	266351	1675	399527
2007-2008**	275000	311097	2443	279776	2125	419664
Total	**3270000**	**3778187**	**24209**	**3108316**	**19282**	**4662474**

*Plan Target was 2,20,000 it was increased to 2,60,000 to cover backlog.
**provisional
estimated employment generated @ 1.5 per case disbursed.

Source : DC (MSME)

7.8 POLICY INITIATIVES IN MICRO AND SMALL ENTERPRISES (MSES) SECTOR DURING 2006-07

7.8.1 Several policy initiatives and measures have accordingly been taken by the Government during the year to enable the micro and small enterprises (MSEs) enhance their competitive strength, address the challenges of competition and avail of the benefits of the global market. Some of these are as under:

- To provide for facilitating the promotion and development and enhancing the competitiveness of micro, small and medium enterprises, the 'Micro, Small and Medium Enterprises Development Act, 2006' has been enacted. The Act has come into force from 2nd October, 2006. The salient features of the Act are given in Box 1.

- The Khadi and Village Industries Commission Act, 1956 has also been comprehensively amended, introducing several new features to facilitate professionalism in the operations of the Commission as well as field-level formal and structured consultations with all segments of stakeholders. The new Commission has been constituted.

- A 'Package for Promotion of Micro and Small Enterprises' has been approved recently. The Package includes measures to address most of the concerns in the areas of credit, cluster-based development, infrastructure, technology, marketing, etc. Capacity building of MSEs and support to women entrepreneurs are the other important features of this Package.

- With the aim of improving manufacturing competitiveness of the segment, the launching of a National Manufacturing Competitiveness Programme (NMCP) has been announced. The Planning Commission has given in-principle approval for implementation of the NMCP during the 11th Plan. The schemes under the Programme will be implemented mainly in the Public-Private Partnership mode.

- An Empowered Group of Ministers (EGoM) under the chairmanship of the External Affairs Minister has recently been constituted to lay down the comprehensive policy for cluster development and oversee its implementation. The Ministry of Small Scale Industries will service the EGoM.

- Under the Credit Guarantee Scheme, life insurance cover for Chief Promoters of units provided guarantee cover by the Credit Guarantee Fund Trust for Small Industries (CGTSI) has been introduced. Further, the one-time guarantee fee under the scheme has been reduced from 2.5 per cent to 1.5 per cent w.e.f. 1st April, 2006.

- After due consultation with the stakeholders, 180 items reserved for exclusive manufacture in micro and small enterprises sector have been de-reserved on 16th May 2006, 87 items on 22nd January 2007 and 125 items on 13th March 2007. The total number of reserved items now stands at 114.

BOX 1 : Salient Features of the Micro, Small and Medium Enterprises Development Act, 2006

- It provides the first-ever legal framework for recognition of the concept of "enterprise" (comprising both manufacturing and services) and integrating the three tiers of these enterprises, namely, micro, small and medium.

- Under the Act, enterprises have been categorized broadly into those engaged in (i) manufacturing and (ii) providing/rendering of services. Both categories have been further classified into micro, small and medium enterprises, based on their investment in plant and machinery (for manufacturing enterprises) or in equipment (in case of enterprises providing or rendering services) as under:
  - Manufacturing enterprises:
    - Micro Enterprises - investment up to Rs. 25 lakh.
    - Small Enterprises - investment above Rs. 25 lakh & up to Rs. 5 crore.
    - Medium Enterprises - investment above Rs. 5 crore & up to Rs. 10 crore.
  - Service enterprises:
    - Micro Enterprises - investment up to Rs. 10 lakh.
    - Small Enterprises - investment above Rs. 10 lakh & up to Rs. 2 crore.
    - Medium Enterprises - investment above Rs. 2 crore & up to Rs. 5 crore.

- The Act provides for a statuary consultative mechanism at the national level with wide representation of all sections of stakeholders, particularly the three classes of enterprises, and with a wide range of advisory functions, and an Advisory Committee to assist the Board and the Central/State Governments.

- The other features include (i) establishment of specific Funds for the promotion, development and enhancing competitiveness of these enterprises, (ii) notification of schemes/programmes for this purpose, (iii) progressive credit policies and practices, (iv) preference in Government procurements to products and services of the micro and small enterprises, (v) more effective mechanisms for mitigating the problems of delayed payments to micro and small enterprises and (vi) simplification of the process of closure of business by all three categories of enterprises.

7.9.1 POLICY PACKAGE FOR STEPPING UP CREDIT FLOW:

The Government announced a 'Policy Package for Stepping 4p Credit to Small and Medium Enterprises (SMEs)' on 10 August 2005. The measures in the Policy Package to increase the quantum of credit to SMEs (including Micro and Small Enterprises-MSEs) include:

(i) Public sector banks to fix their own targets for funding SMEs in order to achieve a minimum 20 percent year-on year growth in credit to the SMEs sector.

(ii) Public sector banks to follow a transparent rating system with cost of credit linked to the credit rating of the enterprises.

(iii) Commercial banks to make concerted efforts to provide credit cover on an average to at least 5 new tiny, small and Medium Enterprises at each of their semi-urban/urban branches per year.

(iv) The Reserve Bank of India (RBI) to issue detailed guidelines relating to debt restructuring mechanism so as to ensure restructuring of debt of all eligible Small & Medium Enterprises.

(v) Introduction of one-time settlement scheme to apply to MSE Non-Performing Asset (NPA) accounts in the books of the banks as on March 31, 2004.

(vi) Taking the exiting RBI guidelines as indicative minimum, banks to formulate a comprehensive and more liberal policy relating to advances to the SME sector.

(vii) Banks to adopt cluster based approach for SME financing.

(viii) The RBI to constitute empowered committees with the Regional Director of RBI as the chairman to review the progress in SME financing and rehabilitation of sick Small & Medium Enterprises.

(ix) Boards of Banks to review the progress in achieving the self-set targets as also rehabilitation and restructuring of SME accounts on a quarterly basis.

The RBI issued circular dated 19th August 2005 to all the public sector banks and 25th August 2005 to all private banks/foreign banks/ RRBs, advising them to implement the measures announced in the Policy Package. The RBI has also circulated the guideline on One-Time Settlement (OTS) Scheme for SME accounts o public sector banks on 3rd September 2005 and the detailed guidelines on debt restructuring mechanism for SME to all the commercial banks on 8th September 2005. Further, the RBI has constituted empowered Committees with the Regional Director of the RBI as the chairman to review the progress in SME financing and coordinate with other banks/financial institutions and the State Government in removing bottlenecks, if any, to ensure smooth flow of credit to the sector.

As per the RBI data on credit flow to MSE sector, the Public Sector Banks have consistently registered year-on-year growth of over 20% in advances to the MSEs during the period 2005-06 to 2008-09.

7.9.2 MEASURES TAKEN FOR PROVIDING STIMULUS TO THE MSMES:

In the wake of global economic slowdown, the Government, the RBI and the Public Sector Banks have taken several measures for protecting and proving a stimulus to the MSMEs. There are a under:

a) Stimulus Package announced on 7th December 2008

- Cenval cut of 4 percentage points on all products for the remainder of the financial year(other than petroleum and those products for which the current rate is less than 4%).

- 2% interest rate subvention in pre- and post-shipment credit for small and medium enterprises sector.
- Guarantee cover under Credit Guarantee Scheme for Micro and Small enterprises on loans will be extended from Rs. 50 lakh to Rs. 1 crore with a guarantee cover of 50%.
- Lock-in period for loans covered under the existing Credit Guarantee Scheme will be reduced from 24 to 18 months.
- Government to issue an advisory to central public sector enterprises and request state public sector enterprises to ensure prompt payment of bills of MSMEs .

b) Stimulus Package announced on 2nd January 2009

- Special monthly meetings of State Level Bankers' Committees would be held to oversee the resolution of credit issues of MSMEs by banks. Ministry of MSME and Department of Financial Service will jointly set up a cell to monitor the progress on this front.
- To enhance the flow of credit to micro enterprises, the guarantee cover extended by Credit Guarantee Fund Trust will be increased to 85% for credit facility up to Rs.5 lakh.

c) Measures announced by the Reserve Bank of India

- Refinance limit of Rs. 7,000 crore to Small Industries Development Bank of India (SIBDI) for increamental on-lending to the MSE sector, directly or through banks, NBFCs and SFSs.
- Banks have been advised to contribute an aggregate amount of Rs.2000 crore to the MSME Refinance Fund with SIDBI.
- As a one time measure, the second restructuring done by banks of exposures up to June 30, 2009, will also be eligible for exceptional regulatory treatment.
- While sanctioning/renewing credit limits to their large corporate borrowers, banks have been advised to fix separate sub-limits, within the overall limits, specifically for meeting payments obligations in respect of purchases from MSEs.

d) Measures announced by the public Sector Bank

- Public Sector Banks to grant need based adhoc working Capital Demand Loans up to 20% of the existing fund based limits in respect of units having overall fund based credit facility up to Rs. 10 crore.
- Reducing interest rates for borrowing by micro industries by 1% (for all existing and new loans) and in respect of SMEs where banks have fund based exposures up to Rs.10 crore by 0.5%.
- Moratorium period will be extended in respect of loans availed by MSMEs where project implementation has been delayed in the current scenario.
- Finance for purchase of gensets will be made available on soft terms.
- Public Sector Banks will set up Regional MSME Care Centres to facilitate MSME entrepreneurs for quick disposal of their grievances. The functioning of these Centres will be monitored directly by the Head Office and the list of these Centres will be posted on IBA portal and on the web site of each public sector bank.

7.9.3 SPECIAL FUNDS TO SIDBI:

As per the announcement made in the Union Budget 2008-09, two funds have been set up in Small Industries Development Bank of India(SIDBI), viz., MSME(Risk Capital) Fund were started during the year by launching Direct Risk Capital Assistance for MSMEs and Assistance to Venture Capital Funds/Private Equity Funds.

7.9.4 STATUS OF CREDIT FLOW TO MSME:

The measures taken by the Government /RBI/Public Sector Banks and thrust on augmenting credit delivery to MSEs have helped in enhancing the credit flow to this sector. The outstanding credit of public sector banks increased from Rs. 1,51,137 crore in March 2008 to Rs. 1,91,307 crore in March 2009 (provisional data). The MSE credit as percentage of Net Bank Credit has gone up from 11.1% to 11.3% during the period.

7.9.5 CREDIT GUARANTEE FUND SCHEME FOR MICRO AND SMALL ENTERPRISES

The Government launched the Credit Guarantee Fund Scheme for Micro & Small Enterprises in August 2000, with the objective of making available credit to MSEs, particularly Micro Enterprises without collateral/third party guarantees. The scheme is being operated by the Credit Guarantee Fund Trust for Micro and Small Enterprises (CGTMSE) set up jointly by the Government of India and SIDBI.

The scheme covers collateral-free credit facility (term loan and/or working capital including non fund based working capital) extended by eligible lending institutions to new and existing Micro and Small Enterprises up to Rs. 100 lakh pr borrowing unit.

The guarantee cover provided is up to 75% of the credit facility up to Rs.50 lakh with an incremental guarantee of 50% of the credit facility above Rs. 50 lakh and up to Rs.100 lakh. Guarantee cover is 85% for loans up to Rs. 5 lakh and 80% for MSEs owned/operated by women and loans in the North Eastern Region (NER). One time guarantee fee of 1.5% of the credit facility sanctioned (0.75% in case of credit facilities sanctioned to units in NER) and Annual Service Fee of 0.75% is collected from the Member Lending Institutions (MLIs) of CGTMSE. The guarantee and service fee is 1% and 0.5% respectively for loans up to Rs.5 lakh.

The corpus of CGTMSE is being contributed by the Government and SIDBI in the ratio of 4:1. The corpus of CGTMSE stood at Rs. 1,740.16 crore as on 31st March, 2009.

As on 31st March, 2009, 81 eligible lending institutions comprising 27 Public Sector Banks, 15 Private Sector Banks, 1 Foreign Bank, 34 Regional Rural Banks (RRBs), National Small Industries Corporation (NSIC), North Eastern Development Finance Corporation (NEDFi), Small Industries Development Bank of India (SIDBI) and The Tamil Nadu Industrial Investment Corporation Ltd. (TIIC) have become Member Lending Institutions (MLIs) of CGTMSE. Cumulatively, 1,50,034 proposals amounting to Rs. 4,824.34 crore have been approved for guarantee cover under the scheme up to 31st March, 2009 under the Credit Guarantee Scheme.

7.9.6 MICRO FINANCE PROGRAMME

The Ministry of Micro, Small and Medium Enterprises has been operating the Scheme of Micro Finance Programme, since 2003-04, which has been tied up with the existing Micro Credit Scheme of SIDBI. Under the Scheme, the Government of India provides funds to SIDBI under a 'Portfolio Risk Fund' (PRF), which is utilized for security deposit requirement of the loan amount from the MFIs/NGOs. At present, SIDBI takes fixed deposit equal to 10 per cent of the loan amount. Under the PRF, the share of MFIs/NGOs is 2.5 per cent of the loan amount (i.e., 25 per cent of security deposit) and balance 7.5 per cent (i.e.,75 per cent of security deposit) is adjusted from the funds provided by the Government under the Scheme.

As on 31st March,2009 Government has released an amount of Rs. 74 crore towards PRF. The cumulative loan amount provided to MFIs/NGOs under the Scheme up to 31st March, 2009 stood at Rs. 788.37 crore covering approximately 12.95 lakh persons.

7.9.7 SICKNESS IN MSE SECTOR

As per the data compiled by the RBI from the Scheduled Commercial Banks, the sickness in the MSE sector has decreased in the recent years. The number of sick units as at the end of March, 2000 to March, 2009 is given below:

TABLE 7.9 SICKNESS IN MSE SECTOR

As at the end of March	Total sick units		Potentially viable	
	Number*	Amount outstanding (Rs. crore)	Number*	Amount outstanding (Rs. crore)
2000	3,04,235	4,608.43	14,373	369.45
2001	2,49,630	4,505.54	13,076	399.17
2002	1,77,336	4,818.95	4,493	416.41
2003	1,67,980	5,706.35	3,626	624.71
2004	1,38,811	5,284.54	2,385	421.18
2005	1,38,041	5,380.13	3,922	434.67
2006	1,26,824	4,981.13	4,594	498.16
2007	114132	5266.65	4,287	427.46
2008)	85,187	308272	4,210	246.88
2009(P)	1,02,951	3308.00	8169	732.16

(P) Provisional, Source: (RBI)

Based on the accepted recommendations of the Working Group set up by the RBI under the Chairmanship of Shri S.S. Kohli, the then Chairman, Indian Banks' Association, the RBI had drawn up the Revised Guidelines for Rehabilitation of Sick MSEs which had been circulated to the banks on 16.01.2002 for implementation. The guidelines include, inter alia, a change in the definition of sick MSEs norms for deciding on the viability of sick units, concessional finance, etc. The revised definition enables banks to take action at an early stage for revival of the potentially viable sick units. Further, in line with the 'Policy Package for Stepping up Credit to Small and Medium Enterprises (SMEs) the RBI issued detailed guidelines on 8th September, 2005 relating to debt restructuring mechanism for small and medium enterprises (SMEs). In addition, in the light of the recommendations of the Working Group on 'Rehabilitation of Sick SMEs' under the chairmanship of Dr. K.C. Charkrabarty, the then Chairrman & Managing Director, Punjab National Bank, the RBI has advised all scheduled commercial banks on 4th May, 2009 that they may undertake a review and put in place the following policies for the MSE sector, duly approved by the Board of Directors:

(i) Loan policy governing extension of credit facilities.

(i) Restructuring /Rehabilitation policy for revival of potentially viable sick units/enterprises.

(ii) Non-discretionary One Time Settlement scheme for recovery of non performing loans.

7.9.8 Announcements made in Union Budget 2009-10

In the Union Budget 2009-10, following measures relating to the MSME sector have been announced:

- Interest subvention of 2% on pre-shipment credit for seven employment-oriented export sectors (including MSMEs) extended from 30th September 2009 to 31st March2010.
- To facilitate flow of credit at reasonable rates, Rs. 4,000 crore provided as special fund out of Rural Infrastructure Development Fund to SIDBI. This will incentivise Banks and SFCs to lend to MSEs by refinancing 50% of incremental lending to MSEs during the current financial year.
- Fringe Benefit Tax introduced on the value of certain fringe benefits provided by employers to their employees abolished.
- Scope of presumptive taxation extended to all small business with a turnover of Rs. 40 lakh. All such taxpayers to have the option to declare their income from business at the rate of 8% of their turnover and simultaneously enjoy exemption from the compliance burden of maintaing books of accounts.

7.10.1 The following Schemes of Micro, Small & Medium Enterprises has been subsumed:

Sl. No	Name of the existing Scheme	Name of the Scheme/Program in which to be subsumed
1.	Infrastructural Development of SSI in Rural Areas	Micro and Small Enterprises Cluster Development Programme(after renaming the SICDP)
2.	"Mini Tool Rooms & Training Centers" (for States) component of the Scheme for Tool Rooms	Proposal of Mini Tool Rooms in the PPP mode under the National Manufacturing Competitiveness Programme
3.	National Programme for Rural Industrialization (NPRI)	Scheme of Fund for Regeneration of Traditional Industries (SFURTI)

7.10.2 INTEGRATED INFRASTRUCTURAL DEVELOPMENT (IID) SCHEME

Lack of infrastructure is often cited as one of the major problems for setting up of new MSEs. In order to overcome this problem and establish MSEs, IID Scheme was launched in 1994. The Scheme aims at to develop infrastructure facilities like power distribution network, water, telecommunication, drainage and pollution control facilities, roads, banks, raw materials, storage and marketing outlets, common service facilities and technological back up services etc. for Micro and Small Enterprises. The Scheme covers districts which are not covered under Growth Centres Scheme. The Scheme covers rural as well as urban areas with a provision of 50% reservation for rural areas and 50% industrial plots for tiny sector. The Scheme also provide for upgrading/ strengthening of the infrastructural facilities in the existing old industrial estates. The estimated cost to set up an IID centre is Rs. 5.00 crore (excluding cost of land). Central Government provides 40% (up to a maximum of Rs. 2.00 crore) in case of general category states and 80% (up to a maximum of Rs. 4.00 crore) for North-East Region (including Sikkim), J&K, H.P. and Uttarakhand as grant and remaining amount could be loan from SIDBI/Banks/Financial Institutions or the State funds.

The Cluster Development is one of the thrust areas of the Ministry for the 11th Plan. As per the Promotional Package announced recently for the Micro and Small Enterprises, the IID Scheme stands subsumed in Cluster Development Programme. All the features of the IID Scheme have been retained and will be covered as "New Cluster" under the SICDP.

7.10.3 Testing Centers & Sub-contracting Exchanges: Setting up of Testing Centers & Sub-contracting Exchanges by Industry Associations/NGOs is proposed to be weeded out with effect from 1st April 2007 as per EFC Package submitted by MSME Board.

7.11 WORLD TRADE ORGANIZATION (WTO)

7.11.1 Details of action initiated by the Government to counter the impact of WTO Agreements and Liberalization /Globalization of the economy include:

- Globalisation and removal of Quantitative Restrictions (QRs) have exposed the MSEs to a greater competition, yet the Micro, Small & Medium Enterprises (MSMEs) has continued to grow. However, even after the removal of QRs, protection to enterprises is available in the form of raising custom duties up to the bound levels, imposing anti-dumping duties, taking safeguards measures in case of surge in imports, etc.

7.11.2 The Government has put in place several measures to help small enterprises become globally competitive. The Government has specific schemes for encouraging upgradation of technology to meet global challenges for Micro & Small Enterprises (MSEs). It has also announced a "National Manufacturing Competitiveness Programme" as well as a comprehensive "Package for the Promotion of Micro and Small Enterprises" on 27.02.2007. Together, they provide for financial support as well as support for Cluster based development, latest technologies quality upgradation marketing, entrepreneurial and managerial development and other support measure. Further, Government has enacted the Micro, Small and Medium Enterprises Development (MSMED) Act, 2006 which has become operative from 2nd October 2006 to provide a dedicated statutory framework to facilitate the promotion and development of MSMEs and enhancement of their competitiveness. This is in response to the long standing demand of the MSE sector, the emergent need to provide a legal frame work to address the development concerns of what is globally known as small & medium enterprises (SMEs).

7.11.3 The Government is regularly assessing and monitoring the impact of globalize/liberalized imports under WTO regime on the growth and development of economy including Micro, Small & Medium Enterprises (MSMEs) in the country. Some of the incentives & measures provided by the Government to enable the MSMEs to compete in the globalize and liberalized regime include assistance in up gradation of technology, obtaining quality certification and testing of products, export promotion by way of participation in international trade fairs and holding catalogue exhibitions, financial assistance for printing of publicity material, obtaining bar coding of products and assistance to MSEs Associations for export market studies, Contesting anti-dumping investigations, dissemination of information on international tenders, and exchange of business delegations etc.

7.11.4 With a view to create awareness among the MSEs and their Associations, etc. on WTO agreements and implication for them, a programme for organizing WTO Awareness workshops/Seminars, all over the country was initiated during 2000. Since then, a large number of product specific/sector specific WTO Seminars and workshops on Intellectual Property Rights (IPRs), Anti Dumping Procedures, Geographical indications, etc. were organized. During 2008-09, 07 no. of such one day workshops on various aspects of WTO were organized. These awareness workshops/ seminars are continuing even 2009-2010.

- WTO cell of the Ministry is maintaining a close liaison with other concerned Ministries and Departments like Ministry of Commerce & Industry, Director General of foreign Trade, Director General of Anti-Dumping & Allied Duties and Director General Safeguard,etc. so as to keep updated with regard to WTO agreements and to provide them the requisite feed back in connection with WTO Ministerial Conferences, Regional Trade Agreements (RTAs), Free Trade Agreements (FTAs) Comprehensive Economic Cooperation Agreements (CECA), Draft-cabinet- notes on various bilateral trade in goods/services Agreement /negotiations.

7.11.5 The WTO Agreements contain a number of provisions and Annexes that having an impact on the Industry. Industrial units are encouraged to bring to the notice of Office of the Development Commissioner (Micro, Small & Medium Enterprises) either at their own or through their Associations, the aspects of WTO agreement that are not found suitable to them so that the same could be brought to the notice of concerned administrative Ministries including Ministry of Commerce & Industry to take appropriate action in the matter.

A BRIEF NOTE ON KHADI AND VILLAGE INDUSTRIES AND COIR SECTORS

Ministry of MSME is the nodal Ministry for formulation of policies and Central Sector Programmes/ schemes, their implementation and related coordination and for supplementing the efforts of State/Union Territories for promotion and development of micro, small and medium enterprises in the country. The Ministry in Agro and Rural Industries (ARI) sector has been involved in a focused manner, for the development of agro and rural industries based on local raw materials and skills, for creating more employment opportunities essentially in the rural non-farm sector. The Ministry in ARI Division operates mainly in the Khadi and Village Industries and Coir Sectors through the Khadi and Village Industries Commission (KVIC) and the Coir Board (CB) respectively and coordinates the implementation of various schemes launched by the Government in the Sector including the latest employment generation programme, i.e., Prime Minister's Employment Generation programme (PMEGP) with the co-operation of State/Union Territory Governments and the implementing banks.

Khadi and Village Industries Commission (KVIC)

For the development of Khadi and Village industries sectors, the Government through KVIC has initiated many steps in past few years which include the amendment to the Khadi and Village Industries Commission, 1956, constitution of National Khadi and Village Industries Board and Zonal Committees, launching of e-charkhas, awarding deemed Export Promotional Council status to KVIC, improvement in design and quality of khadi, categorization of khadi institutions, convergence with other Ministries, etc.

The production, sales and employment in the Khadi and V. I. sector during the last two years are as under:

(Quantity: Mill Sq.Meters, Value: Rs. in Crore; Employment: lakh persons)

YEAR	PRODUCTION			SALES (Value)		ESTIMATED EMPLOYMENT (Cumulative)	
	KHADI		V. I. (Value)	KHADI	V. I	KHADI	V. I.
	Quantity	Value					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2007-2008	76.25	543.39	16134.32	724.39	20819.09	9.16	90.11
2008-2009	81.18	585.25	16753.62	799.61	21948.59	9.50	94.41

COIR BOARD

The Coir Board is a statutory body established the Coir Industry Act, 1953 for promoting the overall development of the coir industry and upliftment of the living conditions of the workers engaged in this traditional industry. The Coir Board consists of a full-time Chairman and 39 part-time members, as provided in section 4 of the Coir Industry Act, 1953. All sections interested in the welfare of the coir industry are represented on the Coir Board. The functions of the Coir Board for the development of coir industries include undertaking scientific, technological and economic research and development activities; collection of statistics relating to exports and internal consumption of coir and coir products; development of new products and designs; publicity for promotion of exports and internal sales; marketing of coir and coir products in India and abroad; preventing unfair competition among producers and exporters; assisting in the establishment of units for the manufacture of products; promoting co-operative organisations among producers of husks, coir fibre, coir yarn and manufacturers of coir products; facilitating remunerative returns to producers and manufacturers, etc.

Coir Board has promoted two research institutes namely, Central Coir Research Institute (CCRI), Kalavoor, Alleppey, and Central Institute of Coir Technology (CICT), Bangalore for undertaking research activities in different aspects of coir industry. Coir is highly labour intensive industry employing more than 6.5 lakh workers in coconut producing States. Nearly, 80 per cent of the coir workers in the fibre extraction and spinning sector are women. Two strengths of coir industry are that it is export oriented and it generates wealth out of waste (coconut husk).

Export market Promotion - In association with trade and industry Coir Board is participating in major international fairs/ exhibitions on a country/product specific basis, product promotion programmes, catalogue shows, extending external market development assistance to exporters etc**.**
Export of Coir and coir products during last two years are as under:

Years	Export of Coir and coir products	
	Quantity in Tonnes	Value in Crore
(1)	(2)	(3)
2007-2008	187566.74	592.88
2008-2009	199924.93	639.97

The details of main schemes being implemented by KVIC and Coir Board are as under:

KVIC

(i) **Prime Minister's Employment Generation Programme (PMEGP)** is a significant initiative with a higher level of subsidy and was launched in August 2008. This programme has been formulated **by merging existing PMRY and REGP** schemes of this Ministry with a total plan outlay of Rs. 4735 crore including Rs. 250 crore for backward and forward linkages. It is estimated to generate around 38 lakh additional employment opportunities in the terminal four years (2008-09 to 2011-12) of XI Plan. Under this programme, financial assistance is provided for setting up of microenterprises costing upto Rs. 10 lakh in service sector and Rs. 25 lakh in manufacturing sector. The assistance is provided in the form of subsidy upto 25 per cent (35 per cent for weaker sections) of the project cost in rural areas while it is 15 per cent (25 per cent for weaker sections) for urban areas. Guidelines of PMEGP is given at Annexure-I

Under PMEGP, full amount of Rs.823 crore (including Rs. 83 crore towards backward and forward linkages) available in REs 2008-09 has been released to KVIC. Upto March, 2009, 2,17,762 applications have been received by various implementing agencies under PMEGP, of which 83,454 candidates have already been selected by District level Task Force concerned for assistance under PMEGP. Financial assistance for 36,444 projects has been sanctioned by banks for generating an estimated 3.64 lakh additional employment opportunities. Loans were disbursed in 25,507 cases by banks giving employment opportunities to about **2.55 lakh persons** upto an extended period upto 31st August 2009. An estimated 4.50 lakh additional employment opportunities are targeted to be generated in 2009-10.

(ii) **Workshed Scheme for Khadi Artisans** was introduced in July 2008 for providing assistance for construction of Worksheds for Khadi artisans for better work environment. An outlay of Rs.25 crore has been provided in BEs 2008-09 of which Rs. 0.05 crore was earmarked for NER. Funds to the tune of Rs.25 crore (including Rs.0.05 crore for NER) have been released to KVIC in 2008-09. Against the target of providing assistance to 10000 worksheds, assistance to 11,076 artisans (provisional) were provided upto March, 2009. **It is estimated that assistance will be provided to 6000 worksheds in 2009-10.**

(iii) **Scheme for enhancing productivity & competitiveness of Khadi Industries and artisans** approved in July 2008 to assist 200 khadi institutions to make khadi industry competitive with more market driven and profitable production by replacement of obsolete, old machinery and equipment. An outlay of Rs.10 crore was kept in the BEs 2008-09 of which Rs. 0.05 crore has been earmarked for NER against which entire funds have been released during 2008-09 to KVIC. Against the target of 25 projects, 21 projects were sanctioned upto March, 2009. **Under this scheme, a target for assisting 23 khadi institutions has been fixed for 2009-10.**

(iv) '**Strengthening of Infrastructure of existing Weak Khadi Institutions and Assistance for Marketing Infrastructure'** has been introduced recently which envisages renovation of selected 30 khadi sales outlets and providing assistance for strengthening of infrastructure of existing 100 weak selected institutions.

(v) **Product Development, Design Intervention and Packaging (PRODIP)** was launched in November 2002 with the aim to diversify and develop products under Khadi & Village Industries and also to improve the packaging of various KVI products. During 2008-09, 245 projects (120 – khadi and 125 – VI) have been assisted under this scheme and a target of 249 projects has been fixed for 2009-10.

(vi) **Khadi Reform Programme** - Department of Economic Affairs, Ministry of Finance has tied up financial aid from Asian Development Bank amounting to US$150 million over a period of three years for implementing the comprehensive Khadi Reform Programme worked out in consultation with ADB and KVIC. Under this Reform Package, it is proposed to revitalize the khadi sector with enhanced sustainability of khadi, increased incomes and employment to artisans, increased artisans welfare and to enable KVIC to stand on its own with gradually decreasing dependence on Government Grants. Initially, the programme will be initiated in 300 khadi institutions keeping the needs of regional balance, geographical spread and inclusion of backward areas.

Coir Board

(i) **Domestic Market Promotion** – This scheme is for enhanced sale of coir products through Board's showrooms and sales outlets, and also popularising coir and coir products. Further, to promote the sale of coir and coir products manufactured by the Co-operatives and Public Sector Enterprises, a Market Development Assistance (MDA) Scheme was launched in 2000-2001 under which financial assistance @ 10% (50% each by Coir Board and State Govt.)to the sales outlets in the cooperative and public sector on the basis of the annual sales turn over of the coir products is provided.

(ii) **Development of Production Infrastructure** is for extending financial assistance upto 25 per cent of the cost of equipment and infrastructural facilities subject to ceiling of Rs. 6.00 lakh for setting up coir units and Rs. 2.00 lakh for modernisation of existing coir units. Under this scheme 82 units have been assisted during 2008-09.

(iii) **Mahila Coir Yojana –** This yojana envisages distribution of motorised ratts for spinning coir yarn to women artisans after being trained. The beneficiary under the scheme gets a subsidy of 75 per cent of the cost of the motorized ratt subject to a maximum of Rs.7,500/- and 75 per cent of the cost or Rs 3200/- whichever is less, for motorised traditional ratts. During 2008-09, 3009 ratts have been distributed and **5367 persons have been trained under Mahila Coir Yojana.**

(iv) **The Scheme for Rejuvenation, Modernisation and Technological Upgradation of Coir Industry** was introduced in March 2008 to assist spinners and tiny household sector with a total outlay of Rs. 243 crore during XI Plan involving a government grant of Rs.99 crore, the beneficiary contribution of Rs. 12 crore and remaining Rs 132 crore as term loan from banks. Under this scheme, 1203 units have been assisted during 2008-09.

GUIDELINES ON PRIME MINISTER'S EMPLOYMENT GENERATION PROGRAMME (PMEGP)

1. The Scheme

Government of India has approved the introduction of a new credit linked subsidy programme called Prime Minister's Employment Generation Programme (PMEGP) by merging the two schemes that were in operation till 31.03.2008 namely Prime Minister's Rojgar Yojana (PMRY) and Rural Employment Generation Programme (REGP) for generation of employment opportunities through establishment of micro enterprises in rural as well as urban areas. PMEGP will be a central sector scheme to be administered by the Ministry of Micro, Small and Medium Enterprises (MoMSME). The Scheme will be implemented by Khadi and Village Industries Commission (KVIC), a statutory organization under the administrative control of the Ministry of MSME as the single nodal agency at the National level. At the State level, the Scheme will be implemented through State KVIC Directorates, State Khadi and Village Industries Boards (KVIBs) and District Industries Centres (DICs) and banks. The Government subsidy under the Scheme will be routed by KVIC through the identified Banks for eventual distribution to the beneficiaries / entrepreneurs in their Bank accounts. The Implementing Agencies, namely KVIC, KVIBs and DICs will associate reputed Non Government Organization (NGOs)/reputed autonomous institutions/Self Help Groups (SHGs)/ National Small Industries Corporation (NSIC) / Udyami Mitras empanelled under Rajiv Gandhi Udyami Mitra Yojana (RGUMY), Panchayati Raj institutions and other relevant bodies in the implementation of the Scheme, especially in the area of identification of beneficiaries, of area specific viable projects, and providing training in entrepreneurship development.

2. Objectives

(i) To generate employment opportunities in rural as well as urban areas of the country through setting up of new self-employment ventures/projects/micro enterprises.
(ii) To bring together widely dispersed traditional artisans/ rural and urban unemployed youth and give them self-employment opportunities to the extent possible, at their place.
(iii) To provide continuous and sustainable employment to a large segment of traditional and prospective artisans and rural and urban unemployed youth in the country, so as to help arrest migration of rural youth to urban areas.
(iv) To increase the wage earning capacity of artisans and contribute to increase in the growth rate of rural and urban employment.

3. Quantum and Nature of Financial Assistance Levels of funding under PMEGP

Categories of beneficiaries under PMEGP	Beneficiary's contribution (of project cost)	Rate of Subsidy (of project cost)	
Area (location of project/unit)	Urban	Rural	
General Category	10%	15%	25%
Special (including SC / ST / OBC /Minorities/Women, Ex-servicemen, Physically handicapped, NER, Hill and Border areas etc.	05%	25%	35%

Note:
(1) The maximum cost of the project/unit admissible under manufacturing sector is Rs. 25 lakh.
(2) The maximum cost of the project/unit admissible under business/service sector is Rs. 10 lakh.
(3) The balance amount of the total project cost will be provided by Banks as term loan

4. Eligibility Conditions of Beneficiaries

(i) Any individual, above 18 years of age
(ii) There will be no income ceiling for assistance for setting up projects under PMEGP.
(iii) For setting up of project costing above Rs.10 lakh in the manufacturing sector and above Rs. 5 lakh in the business /service sector, the beneficiaries should possess at least VIII standard pass educational qualification.
(iv) Assistance under the Scheme is available only for new projects sanctioned specifically under the PMEGP.
(v) Self Help Groups (including those belonging to BPL provided that they have not availed benefits under any other Scheme) are also eligible for assistance under PMEGP.
(vi) Institutions registered under Societies Registration Act,1860;
(vii) Production Co-operative Societies, and
(viii) Charitable Trusts.
(ix) Existing Units (under PMRY, REGP or any other scheme of Government of India or State Government) and the units that have already availed Government Subsidy.

Under any other scheme of Government of India or State Government are not eligible.

4.1 Other eligibility conditions

(i) A certified copy of the caste/community certificate or relevant document issued by the competent authority in the case of other special categories, is required to be produced by the beneficiary to the concerned branch of the Banks along with the Margin Money (subsidy) Claim.

(ii) A certified copy of the bye-laws of the institutions is required to be appended to the Margin Money (subsidy) Claim, wherever necessary.

(iii) Project cost will include Capital Expenditure and one cycle of Working Capital. Projects without Capital Expenditure are not eligible for financing under the Scheme. Projects costing more than Rs.5 lakh, which do not require working capital, need clearance from the Regional Office or Controller of the Bank's Branch and the claims are required to be submitted with such certified copy of approval from Regional Office or Controller, as the case may be.

(iv) Cost of the land should not be included in the Project cost. Cost of the ready built as well as long lease or rental Work-shed/Workshop can be included in the project cost subject to restricting such cost of ready built as well as long lease or rental workshed/workshop to be included in the project cost calculated for a maximum period of 3 years only.

(v) PMEGP is applicable to all new viable micro enterprises, including Village Industries projects except activities indicated in the negative list of Village Industries. Existing/old units are not eligible (Para 29 of the guidelines refers).

Note:-

(1) The Institutions/Production Co-operative Societies/Trusts specifically registered as such and SC/ ST/ OBC/ Women/ Physically Handicapped / Ex-Servicemen and Minority Institutions with necessary provisions in the bye-laws to that effect are eligible for Margin Money (subsidy) for the special categories. However, for Institutions /Production Cooperative Societies/Trusts not registered as belonging to special categories, will be eligible for Margin Money (Subsidy) for general category.

(2) Only one person from one family is eligible for obtaining financial assistance for setting up of projects under PMEGP. The 'family' includes self and spouse.

5. Implementing Agencies

5.1 The Scheme will be implemented by Khadi and Village Industries Commission (KVIC), Mumbai, a statutory body created by the Khadi and Village Industries Commission Act, 1956, which will be the single nodal agency at the national level. At the State level, the scheme will be implemented through State Directorates of KVIC, State Khadi and Village Industries Boards (KVIBs) and District Industries Centres in rural areas. In urban areas, the Scheme will be implemented by the State District Industries Centres (DICs) only. KVIC will coordinate with State KVIBs/State DICs and monitor performance in rural and urban areas. KVIC and DICs will also involve NSIC, Udyami Mitras empanelled under Rajiv Gandhi Udyami Mitra Yojana (RGUMY), Panchayati Raj Institutions and other NGOs of repute in identification of beneficiaries under PMEGP.

5.2 Other Agencies

The details of other agencies to be associated by nodal agencies in the implementation of PMEGP are as under:

i) Field Offices of KVIC and its State offices

ii) State KVI Boards

iii) District Industries Centre (DIC) of all State Governments/Union Territories Administrations reporting to respective Commissioners /Secretaries (Industries).

iv) Banks/Financial Institutions.

v) KVI Federation

vi) Department of Women and Child Development (DWCD), Nehru Yuva Kendra Sangathan (NYKS), The Army Wives Welfare Association of India (AWWA) and Panchayati Raj Institutions

vii) NGOs having at least five years experience and expertise in Project Consultancy in Small Agro & Rural Industrial Promotion and Technical Consultancy Services, Rural Development, Social Welfare having requisite infrastructure and manpower and capable of reaching Village and Taluk level in the State or Districts. NGOs should have been funded by State or National Level Government Agency for any of its programmes in the preceding 3 years period.

viii) Professional Institutions/Technical Colleges recognized by Government/University and University Grants Commission (UGC)/ All India Council for Technical Education (AICTE) having department for vocational guidance or technical courses providing skill based training like ITI, Rural Polytechnic, Food Processing Training Institute, etc.

ix) Certified KVI institutions aided by KVIC / KVIB provided these are in category A+, A or B and are having required infrastructure, manpower and expertise for the role.

x) Departmental and Non-Departmental Training Centres of KVIC / KVIBs.

xi) Micro, Small and Medium Enterprises Development Institutes (MSME-DIs), MSME Tool Rooms and Technical Development Centres, under the administrative control of Office of Development Commissioner, MSME.

xii) National Small Industries Corporation's (NSIC) offices, Technical Centres, Training Centres, Incubators and Training cum Incubation Centres (TICs) set up in PPP Mode.

xiii) National level Entrepreneurship Development Institutes like National Institute for Entrepreneurship and Small Business Development (NIESBUD), National Institute for Micro, Small and Medium Enterprises (NIMSME) and Indian Institute of Entrepreneurship (IIE), Guwahati under the administrative control of Ministry of MSME, their branches and the Entrepreneurship Development Centres (EDCs) set up by their Partner Institutions (PIs).

xiv) Udyami Mitras empanelled under Rajiv Gandhi Udhyami Mitra Yojana of Ministry of MSME.

xv) PMEGP Federation, whenever formed.

6. Financial Institutions

(i) 27 Public Sector Banks.

(ii) All Regional Rural Banks.

(iii) Co-operative Banks approved by State Level Task Force Committee headed by Principal Secretary (Industries)/Commissioner (Industries)

(iv) Private Sector Scheduled Commercial Banks approved by State Level Task Force Committee headed by Principal Secretary (Industries)/Commissioner (Industries).

(v) Small Industries Development Bank of India (SIDBI).

7. Identification of beneficiaries:

The identification of beneficiaries will be done at the district level by a Task Force consisting of representatives from KVIC/State KVIB and State DICs and Banks. The Task force would be headed by the District Magistrate / Deputy Commissioner / Collector concerned. The Bankers should be involved right from the beginning to ensure that bunching of applications is avoided. However, the applicants, who have already undergone training of at least 2 weeks under Entrepreneurship Development Programme (EDP) / Skill Development Programme (SDP) / Entrepreneurship cum Skill Development Programme (ESDP) or Vocational Training (VT) will be allowed to submit applications directly to Banks. However, the Banks will refer the application to the Task Force for its consideration. Exaggeration in the cost of the project with a view only to availing higher amount of subsidy should not be allowed. KVIC will devise a score card in consultation with SBI and RBI, and forward it to the District Level Task Force and other State/District functionaries. This score board will form the basis for the selection of beneficiaries. This score card will also be displayed on the websites of KVIC and Ministry. The selection process should be through a transparent, objective and fair process and Panchayati Raj Institutions should be involved in the process of selection (Para 11 (i)(b) of the guidelines refers).

8. Bank Finance

8.1 The Bank will sanction 90% of the project cost in case of General Category of beneficiary/institution and 95% in case of special category of the beneficiary/institution, and disburse full amount suitably for setting up of the project.

8.2 Bank will finance Capital Expenditure in the form of Term Loan and Working Capital in the form of cash credit. Project can also be financed by the Bank in the form of Composite Loan consisting of Capital Expenditure and Working Capital. The amount of Bank Credit will be ranging between 60-75% of the total project cost after deducting 15-35% of margin money (subsidy) and owner's contribution of 10% from beneficiaries belonging to general category and 5% from beneficiaries belonging to special categories. This scheme will thus require enhanced allocations and sanction of loans from participating banks. This is expected to be achieved as Reserve Bank of India (RBI) has already issued guidelines to the Public Sector Banks to ensure 20 % year to year growth in credit to MSME Sector. SIDBI is also strengthening its credit operations to micro enterprises so as to cover 50 lakh additional beneficiaries over five years beginning 2006-07, and is recognized as a participating financial institution under PMEGP besides other scheduled/ Commercial Banks.

8.3 Though Banks will claim Margin Money (subsidy) on the basis of projections of Capital Expenditure in the project report and sanction thereof, Margin Money (subsidy) on the actual availment of Capital Expenditure only will be retained and excess, if any, will be refunded to KVIC, immediately after the project is ready for commencement of production.

8.4 Working Capital component should be utilized in such a way that at one point of stage it touches 100% limit of Cash Credit within three years of lock in period of Margin Money and not less than 75% utilization of the sanctioned limit. If it does not touch aforesaid limit, proportionate amount of the Margin Money (subsidy) is to be recovered by the Bank/Financial Institution and refunded to the KVIC at the end of the third year.

8.5 Rate of interest and repayment schedule

Normal rate of interest shall be charged. Repayment schedule may range between 3 to 7 years after an initial moratorium as may be prescribed by the concerned bank/financial institution. It has been observed that banks have been routinely insisting on credit guarantee coverage irrespective of the merits of the proposal. This approach needs to be discouraged.

RBI will issue necessary guidelines to the Banks to accord priority in sanctioning projects under PMEGP. RBI will also issue suitable guidelines as to which RRBs and other banks will be excluded from implementing the Scheme.

9. Village Industry

Any Village Industry including Coir based projects (except those mentioned in the negative list) located in the rural area which produces any goods or renders any service with or without the use of power and in which the fixed capital investment per head of a full time artisan or worker i.e. Capital Expenditure on workshop/ workshed, machinery and furniture divided by full time employment created by the project does not exceed Rs. 1 lakh in plain areas and Rs.1.50 lakh in hilly areas.

10. Rural Area

(i) Any area classified as Village as per the revenue record of the State/Union Territory, irrespective of population.

(ii) It will also include any area even if classified as town, provided its population does not exceed 20,000 persons.

11. Modalities of the operation of the Scheme

(i) Project proposals will be invited from potential beneficiaries at district level through press, advertisement, radio and other multi-media by KVIC,KVIBs and DICs at periodical intervals depending on the target allotted to that particular district. The scheme will also be advertised / publicized through the Panchayati Raj Institutions which will also assist in identification of beneficiaries.

(a) Sponsoring of project by any agency is not mandatory. The beneficiary can directly approach Bank/Financial Institution along with his/her project proposal or it can be sponsored by KVIC/ KVIBs / DIC/Panchayat Karyalayas etc. However, the applications received directly by the Banks will be referred to the Task Force for its consideration.

(b) A Task Force, consisting of the following members, will be set up to scrutinize the applications received by it.

Dist Magistrate/Deputy Commissioner/Collector - Chairman
Lead Bank Manager - Member
Representative of KVIC/KVIB - Member
Representative of NYKS/SC/ST Corporation - Special Invitee
Representative of MSME-DI, ITI/Polytechnic - Special Invitee
Representatives from Panchayats - 3 members
(To be nominated by Chairman/District Magistrate/Deputy Commissioner/ Collector by rotation)
General Manager, DIC or State Director of KVIC -Member Convenor
Note : Task Force may also co-opt representatives of other lending institutions.

(c) The Task Force will scrutinize the applications and based on the experience, technical qualification, skill, viability of the project etc., the task force will shortlist the applications and call for an interview of the applicants separately for rural and urban areas to assess their knowledge about the proposed project, aptitude, interest, skill and entrepreneurship abilities, market available, sincerity to repay and make the proposed project success. The selected candidates will be provided project formulation guidance and orientation by KVIC, KVIBs and DICs who will also assist and guide them in project formulation and submission to the concerned Bank in the area. The applicants may also approach any of the other agencies listed in para 5.2 of these guidelines for assistance in this regard.

(d) KVIC will identify the Nodal Banks at State level in consultation with State Governments and will forward the list to all the implementing agencies.

(ii) The release of funds to the implementing agencies will be in the following manner:-

(a) Government will provide funds under PMEGP to the nodal implementing agency, i.e. KVIC which will in turn, (within a period of 15 days of receipt of the money from the Government), place the margin money (subsidy)funds with the implementing Banks at the State level in their respective accounts in accordance with the targets allocated to each implementing agency. CEO, KVIC will convey the margin money (subsidy) targets allotted to each State to the Principal Secretaries/Secretaries (Industries)/ Commissioners (Industries) simultaneously. The target among the Districts in the State will be assigned by the State Level Bankers Coordination Committee. SLBCC will ensure that targets are evenly distributed within each district. The State-wise targets in respect of KVIC/KVIBs will be made available by KVIC to SLBCC where overall allocation of district-wise targets will be decided. Any modification of the targets for which KVIC is directly responsible will be permitted only with the concurrence of the Ministry.

(b) KVIC will place the margin money (subsidy) amount with the Banks involved in the implementation of the scheme in accordance with the targets allocated to the implementing Banks in the State/ District. DICs, in close coordination with Banks, will ensure that at least 50 % of the total margin money (subsidy) allocated to them will be utilized in setting up of projects in rural areas.

(c) KVIC being the single Nodal Agency at the National level, will coordinate with the identified implementing agencies, i.e., KVIBs, DICs and others. KVIC will carry out most of the important tasks envisaged in the forward and backward linkages, including e-tracking, web management, publicity, physical verification of units, organizing EDP training programmes, awareness camps, workshops and exhibitions and therefore will require to utilize major share of the allocation under forward and backward linkages. However, KVIC will ensure that it will reserve and allocate at least 25 % of the total allocation under Forward and Backward linkages, under the Scheme to DICs of different participating States appropriately taking into account the demand and extent of implementation. This money will be released to DICs, only after obtaining an undertaking from the State Government that the funds already provided under the erstwhile PMRY Scheme's Training and Pre motivational campaigns have been fully utilized by the DICs. Any unspent balance available under the training and contingencies of erstwhile PMRY Scheme will be utilized for training and relevant expenditure under PMEGP. DICs will submit monthly utilization report to KVIC in this regard.

(d) The Task Force, under the chairmanship of District Magistrate/Deputy Commissioner / Collector will hold **quarterly** meeting with the Banks at district level to review the status of the project proposals. Wherever the projects are rejected, shortcomings/reasons will be furnished by the concerned Banks to the implementing agencies concerned and the applicants concerned will be requested by KVIC/KVIBs / DICs to provide additional information/documents if required and concerned representatives of KVIC, KVIBs and DICs, will provide assistance to the applicants in this process. Since the Bank's representative will also be a member of the Task Force, it needs to be ensured that maximum number of projects, cleared by the Task Force, is sanctioned by the Banks. Chairman of the District Task Force will review the performance of Banks and the loan repayment / recovery status in the quarterly review meetings.

(e) Banks will take their own credit decision on the basis of viability of each project. No collateral security will be insisted upon by Banks in line with the guidelines of RBI for projects involving loan upto Rs. 5 lakh in respect of the projects cleared by the Task Force. However, they will appraise projects both technically and economically after ensuring that each project fulfills inter alia the criteria of

(a) Industry
(b) Per Capita Investment
(c) Own Contribution
(d) Rural Areas (projects sponsored by KVIC/ KVIBs/DICs) and
(e) Negative List (Para 29 of the guidelines refers)

It is essential that the applications cleared by the District Task Force also fulfill these requirements at that stage itself so as to avoid delays in approval of loans in Banks.

(f) Once the project proposals are received by KVIC, KVIBs, DICs or Banks, the details of such proposals are to be fed in the web based application tracking system with a unique registration number for each beneficiary at the District level by the State Offices of KVIC/State KVIBs/State DICs to enable the entrepreneurs to track their application status at any point of time. Till such time the e-tracking system becomes fully operational (for which detailed guidelines will be issued by KVIC separately to all concerned) disaggregated data in respect of progress of each application, assistance availed by beneficiaries belonging to special categories (category wise), employment details, etc., will be maintained by KVIC/KVIBs/DICs and the data will be reconciled every month with Director (PMEGP) in KVIC. The status of such reconciliation will be reviewed by the District Magistrate / Deputy Commissioner / Collector, in the Task Force meetings and by CEO, KVIC in the review meetings at KVIC. Separate colour code will be given to application form as well as applications/claim forms of Margin Money (subsidy) through KVIC/KVIBs/DICs, so as to help the beneficiaries and the processing/sanctioning functionaries to identify and monitor the progress of implementation.

(g) Once the project is sanctioned and **before the first installment of the Bank Finance is released to the beneficiary, Bank will inform the State/Regional Office of the KVIC/KVIBs/ State DICs, as the case may be, for arranging EDP training (Para 12(i) of the guidelines refers) to the beneficiary, if he/she has not already undergone such training.** If he/she has already undergone such training of at least 2 weeks duration, either with the training centre of KVIC/KVIB /State DICs or the institutions recognized by or under the administrative control of Ministry of MSME or at any other training centre of repute, such beneficiary need not undergo further EDP training.

(h) First installment of the loan will be released to the beneficiary only after completion of EDP training of at least 2 weeks (Para 12 of the guidelines refers) specially designed for the purpose, which will be organized by KVIC / KVIBs / DICs or the institutions recognized by or under the administrative control of Ministry of MSME or at any other training centre of repute. Those who have already undergone training from the recognized institutions need not undergo further EDP training.

(i) After the successful completion of EDP training arranged by the KVIC/KVIBs/State DICs, **the beneficiary will deposit with the bank, the owner's contribution.** Thereafter, the bank will release first installment of the Bank Finance to the beneficiary.

(j) Projects sanctioned will be declared ineligible for Margin Money (subsidy) assistance if the EDP training is not completed.

(k) After the release of Bank finance either partly or fully, Bank will submit Margin Money (subsidy) claim in the prescribed format to the designated Nodal Branch of the State/Region where KVIC has placed lump sum deposit of Margin Money (subsidy) in advance in the Savings Bank Account in the name of KVIC, for release of Margin Money (subsidy). In the case of projects financed by the branches of the Regional Rural Banks, the financing branches of the RRBs will have to submit the Margin Money (subsidy) Claim to their Head Office, which, in turn, will submit the consolidated claims to the designated Nodal Branch of their sponsoring Bank. In

the case of projects financed by SIDBI, the guidelines issued by SIDBI for release of loan/ margin money (subsidy) will be followed. **Though the margin money (subsidy) will be released by the designated Nodal Branch of the Bank, KVIC/State DIC is the final authority to either accept the project/claim or reject, based on the parameters of the Scheme.** Detailed grounds for rejections shall be maintained by KVIC/KVIBs/DICs. A separate system of acknowledging grievances or complaints will be instituted by KVIC/KVIBs and DICs and a monthly report with the details of grievances / complaints received and the status / action taken for their redressal shall be furnished to CEO, KVIC by KVIBs and DICs. A consolidated report will be forwarded to the Ministry of MSME every quarter by CEO, KVIC.

(l) Once the Margin Money (subsidy) is released in favour of the loanee, it should be kept in the Term Deposit Receipt of **three years** at branch level in the name of the beneficiary/Institution. **No interest will be paid on the TDR and no interest will be charged on loan to the corresponding amount of TDR.**

(m) Since "Margin Money" (subsidy) is to be provided in the form of subsidy (Grant), it will be credited to the Borrowers loan account after **three years** from the date of first disbursement to the borrower/institution, by the Bank.

(n) In case the Bank's advance goes "bad" before the **three year** period, due to reasons, beyond the control of the beneficiary, the Margin Money (subsidy) will be adjusted by the Bank to liquidate the loan liability of the borrower either in part or full.

(o) In case any recovery is effected subsequently by the Bank from any source whatsoever, such recovery will be utilized by the Bank for liquidating their outstanding dues first. Any surplus will be remitted to KVIC.

(p) **Margin Money (subsidy) will be 'one time assistance'**, from Government. For any enhancement of credit limit or for expansion/modernization of the project, margin money (subsidy) assistance is **not** available.

(q) Margin Money (subsidy) assistance is available only for **new** projects sanctioned specifically under the PMEGP. Existing units are **not** eligible under the Scheme.

(r) Projects financed jointly i.e. financed from two different sources (Banks / Financial institutions), are **not** eligible for Margin Money (subsidy) assistance.

(s) Bank has to obtain an undertaking from the beneficiary before the release of Bank Finance that, in the event of objection (recorded and communicated in writing) by KVIC /KVIB/State DIC, the beneficiary will refund the Margin Money (subsidy) kept in the TDR or released to him after **three years** period.

(t) Banks / KVIC / KVIBs / DICs have to ensure that each beneficiary prominently displays the following sign-board at the main entrance of his project site:-

……..…….(Unit Name) Financed By ……..…… (Bank), District Name Under Prime Minister's Employment Generation Programme (PMEGP) Ministry of Micro, Small and Medium Enterprises

(u) Margin Money (subsidy) Claim will be submitted by the Financing Branch of the Bank to the designated Nodal Branch at the earliest possible time.

12. Entrepreneurship Development Programme (EDP)

12.1 The objective of EDP is to provide orientation and awareness pertaining to various managerial and operational functions like finance, production, marketing, enterprise management, banking formalities, bookkeeping, etc. The duration for EDP under REGP was only 3 days, whereas, under PMRY it was 10 days. During various meetings, discussions and recommendations of Department Related Parliamentary Standing Committee for Industry (DRPSCI) it was felt that 3 days were not adequate for providing this inputs effectively and, hence **two to three weeks** period has been provided under PMEGP which will include interaction with successful rural entrepreneur, banks as well as orientation through field visits. The EDP will be conducted through KVIC, KVIB Training Centers as well as Accredited Training Centers run by Central Government, NSIC, the three national level Entrepreneurship Development Institutes (EDIs), i.e., NIESBUD, NIMSME and IIE, and their partner institutions under the administrative control of Ministry of MSME, State Governments, Banks, Rural Development and Self Employment Training Institutes (RUDSETI) reputed NGOs, and other organizations / institutions, identified by the Government from time to time. EDP will be mandatory for all the PMEGP beneficiaries. However, the beneficiaries who have undergone EDP earlier of duration not less than two weeks through KVIC/KVIB or reputed training centers will be exempted from undergoing fresh EDP. The training centres / institutes will be identified by KVIC and extensive publicity will be provided about the training centres / institutes, content of courses available, duration, etc. by circulating the same to all the Implementing Agencies.

12.2. Budget for EDP Charges to the Training Centers An amount of Rs. 2500/- to Rs.4000/- per trainee for a period of two to three weeks towards course material, honorarium to guest speakers, lodging, boarding expenses, etc. is admissible under the Scheme. KVIC will reimburse the expenditure to the training centres / institutes chosen for the purpose, in accordance with the procedures to be separately devised by it and circulated to KVIBs and DICs.

13. Physical verification of PMEGP Units

100% physical verification of the actual establishment and working status of each of the units, set up under PMEGP, including those set up through KVIBs and DICs, will be done by KVIC, through the agencies of State Government and/or, if necessary by outsourcing the work to professional institutes having expertise in this area, following the prescribed procedures as per General Financial Rules (GFR) of Government of India. Banks, DICs and KVIBs will coordinate and assist KVIC in ensuring 100 % physical verification. A suitable proforma will be designed by KVIC for such physical verification of units. Quarterly reports, in the prescribed format will be submitted by KVIC to the Ministry of MSME.

14. Awareness Camps

14.1 KVIC and State DICs will organize awareness camps, in close coordination with each other and KVIBs, throughout the country to popularize PMEGP and to educate potential beneficiaries in rural, semi rural and urban areas about the Scheme. The awareness camps will involve participation from the unemployed men and women with special focus on special category, i.e., SC, ST, OBC, Physically challenged, Ex-servicemen, Minorities, Women, etc. The requisite information/details in this regard will be obtained by KVIC/KVIBs/DICs from State level organizations like SC/ST Corporations, AWWA, NYKS, reputed NGOs and Employment exchanges. There will be two camps permissible for a district, one by KVIC in coordination with concerned KVIB and another by DIC. KVIC and DIC should preferably consider organizing these camps jointly for a specific district. A Committee consisting of Lead Bank, KVIC/KVIB/DIC and Principal, Multi Disciplinary Training Centres (MDTC) of KVIC will shortlist the beneficiaries and send them for training as well as RICS for project formulation and to Bank for project sanction. The amount specified can be spent on publicity, arrangement and

other necessary expenses for organizing such camps, which will be communicated by KVIC in their guidelines separately.

14.2 Mandatory activities to be undertaken in the awareness camps:

(i) Publicity through banners, posters, hoardings and press advertisements in local newspapers.

(ii) Presentation on the scheme by KVIC/KVIB/DIC officials.

(iii) Presentation by Lead Bank of the area.

(iv) Presentation by successful PMEGP/REGP Entrepreneurs.

(v) Distribution of sanction letters to PMEGP entrepreneurs who have been sanctioned the project by Bank.

(vi) Press conference

(vii) Collection of data (in the prescribed format) from the potential beneficiaries, which will include information like profile of beneficiaries, skills possessed, background and qualifications, experience, project interested in, etc. For ascertaining the training (as described in para 12 of the guidelines) a committee consisting of representatives of Lead Bank, KVIC, KVIB, DIC and Principal, MDTC will shortlist the beneficiaries and send them for orientation and training. They will also be sent to RICS and Banks for project formulation and project sanction, respectively.

viii) A Shelf of Projects for consideration under PMEGP, prepared by KVIC has already been circulated by KVIC/Ministry to some of the prominent State Industries Secretaries and Banks including State Bank of India, Central Bank of India, Canara Bank, Allahabad Bank and Union Bank of India. For any further inclusion of projects in the shelf already prepared, KVIBs and DICs shall forward the details of such projects to KVIC. KVIC will in turn, expand the Shelf of Projects, in due course, in consultation with Banks, KVIBs and DICs, by utilizing the provisions in 'Training and Orientation' under forward and backward linkages.

(ix) Marketing Support

(a) Marketing support for the products, produced by the units under PMEGP may be provided through KVIC's Marketing Sales outlets, as far as possible. KVIC will reserve the right to provide such a support based on quality, pricing and other parameters to be separately circulated by KVIC to KVIBs/DICs.

(b) Besides the above, Exhibitions, Workshops at District/State Zonal/National and International levels, Buyer-Seller Meets, etc., will be arranged for the benefit of PMEGP beneficiaries by KVIC.

15. Workshops

a) Objectives

(i) To brief potential beneficiaries about benefits under the PMEGP Scheme and other KVIC Schemes like PRODIP, SFURTI, etc.

(ii) To create a Data Bank of PMEGP units regarding products produced, services /business activity details, production, supply capacity, present marketing set up employment and project cost, etc.

(iii) To interact with PMEGP entrepreneurs to obtain feed back about the units, their problems, support required, success stories etc.

(iv) To involve experts in marketing and export to support PMEGP units in these areas.

Note : -

(i) It should be ensured that a minimum number of 200 prospective entrepreneurs participate in the Workshop.
(ii) One State level Workshop for KVIC and one for DIC are permissible.
(iii) KVIC and DIC may consider organizing these Workshops jointly in a specific State
(iv) One representative of KVIC and DIC will participate in each Workshop.

b) The State Level Workshop will include the following activities:

1. Presentation of PMEGP Scenario of the State.
2. Presentation of views of Banks on PMEGP by senior officials of lead Bank in the State.
3. Sharing of experience and success stories by PMEGP/REGP entrepreneurs, providing special emphasis to entrepreneurs belonging to special categories.
4. Briefing about support Schemes of KVIC like Product Development, Design Intervention and Packaging (PRODIP), Rural Industrial Service Centres (RISC), Scheme of Fund for Regeneration of Traditional Industries (SFURTI), Micro and Small Enterprises Cluster Development Programme (MSECDP), Credit Linked Capital Subsidy Scheme for Technology Upgradation (CLCSS), Credit Guarantee Fund Trust for Micro and Small Enterprises (CGTSME), etc.
5. Briefing about support schemes related to cluster and marketing by NABARD and SIDBI.
6. Utilizing the services of NYKS, MWCD, AWWA for involving the rural youth, weaker sections, women, minorities, ex-servicemen, physically challenged, war widows in PMEGP.
7. Presentation on Domestic and Export Market Potential available, by Marketing experts.
8. Open house discussion with PMEGP entrepreneurs on implementation issues, constraints encountered, further supports required, etc., and arriving at possible solutions.
9. Data collection of PMEGP entrepreneurs in the prescribed format.
10. Arranging the exhibition cum sale of PMEGP products.
11. Formation of PMEGP Federation.
12. Press conference.

(c) KVIC will be co ordinating these workshops and will get the annual calendar of workshops approved by the Ministry, in advance.

16. Exhibitions

PMEGP Exhibitions will be organized by KVIC at National, Zonal, State and District Levels and special exhibitions for North Eastern Zone in co ordination with KVIBs and DICs, to promote products produced by PMEGP units. KVIC will get the annual calendar of exhibitions to be conducted at various parts of the country, approved by the Ministry in advance. Separate pavilions will be provided for display of products produced by units set up through KVIBs/DICs. Separate logos and nomenclature for rural entrepreneurs and urban entrepreneurs will be worked out by KVIC/KVIBs/DICs. For example, for rural PMEGP exhibitions nomenclatures like GRAMEXPO, GRAMUSTAV, GRAM MELA, etc., may be used. KVIC, in coordination with KVIBs and DICs will be organizing one district level exhibition (per district), one State level exhibition and one Zonal level exhibition, annually.

17. Participation in International Exhibitions

Participation by PMEGP units is envisaged in International Exhibitions like India International Trade Fair (IITF), etc., for developing their export market. KVIC will organize participation in the international exhibitions in coordination with KVIBs and DICs and will seek the list of willing units from KVIBs and DICs. KVIC will ensure that the units desirous of participating in the fair, set up through KVIBs and DICs are considered judiciously on the basis of merit, variety and quality of the products. A maximum amount of Rs. 20 lakh will be provided to meet expenditure on rental charges for pavilion, fabrication of stalls and 18 towards display, demonstration etc. KVIC may meet the rest of the expenditure out of its regular marketing budget provisions.

18. Bankers Review Meetings

PMEGP is a bank driven scheme and the final sanction of project and release of loan is done at the level of concerned Bank. It is therefore imperative that KVIC, KVIBs and DICs interact regularly with the higher officials of Bankers at District/ State/National level to ensure that the bottle necks, if any, in implementation, are resolved, outcomes are effectively achieved and targets are met. Bankers Review Meeting at following levels shall be organized as below:

(i) **Lead District Managers Meet (LDM)**: This will be organized by State Office and Divisional Office of KVIC jointly with KVIB and DIC. The focus of the meeting will be to inform and educate the bank officials at LDM level about PMEGP and regularly monitor and review the implementation of the scheme. The meeting will be held on quarterly basis.

(ii) **Zonal review meeting**: To review and monitor the PMEGP scheme, zonal review will be conducted quarterly by KVIC in 6 zones where representatives of KVIC, KVIB and DIC will participate in the review. Concerned Bank officers will also be invited.

(iii) **Top level Bankers Meeting**: KVIC will organize the Top Level Bankers meeting half yearly (in June and December) so that proper monitoring can be done at the beginning and towards the end of the financial year. CMDs/Senior Executives of nationalized Banks, representatives from Ministry of MSME, State DICs and KVIBs will participate in the National level Bankers meeting which will be chaired by CEO, KVIC. All the States/UTs will be invited in two groups and KVIC will ensure that around half of the States/UTs' representatives (of KVIBs and DICs) participate in each of these half yearly review meetings. The meeting will focus on reviewing the targets and will examine the issues related to policy decisions relating to banks for the implementation of PMEGP.

19. Orientation and Training under PMEGP

The staff and officers of KVIC, KVIB, DIC and concerned agencies have to be sensitized on the operational modalities of PMEGP which can be imparted in the 'one day training workshops' to be conducted throughout the country at State / District levels by KVIC (in coordination with KVIBs) and DICs. 40 such programmes per year will be organized by KVIC and DICs (each). KVIC and DICs may organize such training workshops jointly, wherever feasible, on the basis of guidelines to be issued by KVIC separately, for this purpose.

20. TA/DA of Staff and Officers

The officers of KVIC, KVIBs and DICs will carry out relevant field visits and monitoring activities of PMEGP. A provision of Rs. 1 crore per year is proposed towards TA/DA of staff and officers for monitoring and reviewing PMEGP, which includes administrative expenses like stationery, documentation, contingencies,

etc., and around 40% of this amount can be earmarked for DICs. KVIC will issue separate guidelines incorporating the detailed modalities of certification of the expenditure, laying down the norms for such field visits so as to optimally utilize the assistance and ensure economy in expenditure.

21. Publicity and promotional activities

21.1 PMEGP should be popularized through aggressive publicity campaigns including posters, banners, hoardings, radio jingles, television messages, advertisements in local papers, press conferences, also involving VVIPs and distinguished guests in major events of PMEGP.

21.2 Release of advertisement/publicity for PMEGP.

Advertisement will be issued/published in English, Hindi and local language newspapers. For District level events, quarter page advertisement will be released and for State level events, half a page advertisement will be released.

Keeping in view the significance of publicity and promotional activities required to be undertaken for PMEGP, an amount of Rs.16 Crore will be allocated during the four years period. 25 % of funds will be earmarked by KVIC to DICs for release of advertisement/ publicity of the Scheme, in accordance with the guidelines framed by KVIC while ensuring maximum coordination and synergy of efforts with KVIBs and DICs.

22. MIS Package, Application Tracking System, E-Portal and other supporting packages

22.1 E-governance is a vital requirement for effective monitoring and reviewing of the scheme. In addition, data base of existing REGP beneficiaries as well as PMRY have also to be documented. A separate PMEGP website will be constructed by KVIC, including all the relevant linkages with Ministry of MSME, State KVIBs, DICs, NIC and Banks, providing all the necessary information. Application tracking system will also be introduced by KVIC in coordination with KVIBs / DICs for PMEGP beneficiaries. In addition Rural Industrial Consultancy Services (RICS)'s software package for project preparation of KVIC will be extended to all training centers in the country for assisting potential beneficiaries to prepare project under PMEGP. A separate provision is available under forward-backward linkages for the purposes for use by KVIC.

Year	Employment (in Nos)	Margin M
2008-09	616667	
2009-10	740000	
2010-11	962000	
2011-12	1418833	
Total	3737500	

22.2. KVIC will issue further guidelines in regard to utilization of funds for the purposes outlined in the backward and forward linkages by ensuring proper documentation etc., from KVIBs and DICs. Proper account of the expenditure in this regard will be maintained by State/KVIBs/DICs and monitored by KVIC regularly.

23. Proposed Estimated Targets under PMEGP

23.1 The following estimated targets have been proposed under PMEGP during the four years, i.e., from 2008-09 to 2011-12.

Note:- 1. An additional amount of Rs.250 crore has been earmarked for backward and forward linkages.
2. To begin with, the targets would be distributed between KVIC (including State KVIBs) and State DICs in the ratio of 60:40 to ensure comparatively greater emphasis to micro enterprises in rural areas. The margin money subsidy would also be allocated in the same ratio. DICs will ensure that at least 50% of the amount allocated to them will be utilized in the rural areas.
3. The annual allocation of targets would be issued State-wise to the implementing agencies.

23.2 Criteria for distribution of targets under PMEGP

The following are the broad suggested criteria for distribution of state-wise targets:
(i) Extent of backwardness of State;
(ii) Extent of unemployment;
(iii) Extent of fulfillment of targets under PMRY and REGP in 2007-08;
(iv) Extent of recovery of loans under PMRY and REGP in 2007- 08;
(v) Population of State/Union Territory; and (vi) Availability of traditional skills and raw material.

23.3 KVIC will assign targets to State KVIC Directorates/ KVIBs and State Governments. Target at District levels will be decided by State Level Bankers Coordination Committee. SLBCC will ensure that targets are evenly distributed within each district. The State-wise targets in respect of KVIC/KVIBs will be made available by KVIC to SLBCC where overall allocation of district-wise targets will be decided. Any modification of the targets for which KVIC is directly responsible will be permitted only with the concurrence of the Ministry. KVIC will identify the Nodal Bank Branches in consultation with State Governments and place the Margin Money (subsidy) with these branches both for rural and urban areas. For assigning the targets of subsidy and other parameters (number of units, employment opportunities, etc.) to KVIC Directorates / KVIBs, KVIC will adopt the criteria of rural population of the State, backwardness of the State (based on 250 backward districts identified by Planning Commission) and past performance of the State under REGP Scheme for deciding the targets as per weightages given below. Similarly, for assigning the targets to DICs, KVIC will adopt the criteria of backwardness of the State (based on 250 backward districts identified by Planning Commission), urban unemployment level (as reflected in the Planning Commission's report (2002) on 'Special Group on targeting ten million employment opportunities per year' and rural population of the State. From the second year (i.e., 2009-10) onwards, the performance of PMEGP during the previous year(s) will also be given appropriate weightage, for deciding the targets. The approximate weightages to be assigned for determining the targets to the implementing agencies are given below.

Criteria	Weightage for determining targets	
	KVIC/KVIBs	DICs
1. Rural Population of the State	40 %	30 %
2. Backwardness of the State	30 %	40 %
3. Urban Unemployment level	-	30 %
4. Past performance of REGP	30 %	-

24. Rehabilitation of Sick Units

Sick units under PMEGP for their rehabilitation will be linked with RBI's Guidelines for rehabilitation of sick small scale industrial units issued to all Scheduled Commercial Banks vide their letter RPCD.No.PLNFS.BC.57/06.04.01/2001-2002 dated 16th January, 2002.

25. Registration

Registration with the KVIC/KVIBs/State DICs under the Scheme is voluntary. No registration fee will be charged from the beneficiaries and the funds available under Forward and Backward linkage will be utilized to meet expenses on documentation cost, etc.
Beneficiary will submit quarterly report about production, sales, employment, wages paid etc. to the State/Regional Director of the KVIC/KVIB/State DIC, and KVIC will in turn analyze and submit a consolidated report to the Ministry of MSME, every six months.

26. Role of Private Sector (Scheduled, Commercial / Co-operative) Banks in the implementation of PMEGP

The Scheme will also be implemented through the Private Sector Scheduled Commercial Banks/ Co-operative Banks on selective basis, after verification of intending Banks' last 3 years' Balance Sheet and ascertaining quantum of lending portfolio. Margin Money (subsidy) portion will be paid on actual reimbursement basis to the Banks by KVIC.

27. Monitoring and evaluation of PMEGP

27.1 Role of Ministry of MSME

Ministry of MSME will be the controlling and monitoring agency for implementation of the scheme. It will allocate target, sanction and release required funds to KVIC. Quarterly review meeting will be held in the Ministry on the performance of PMEGP. CEO, KVIC, Principal Secretaries / Commissioners (Industries) responsible for implementation of the Scheme in States through DICs, Representatives of State KVIBs and Senior officials of Banks will attend the meeting.

27.2 Role of KVIC

KVIC will be the single Nodal Implementing Agency of the Scheme at the National level. CEO, KVIC will review the performance with State KVIBs, DICs and Banks every month and submit a monthly performance report to the Ministry. The report will include the component wise details of beneficiaries indicating the amount of the Margin Money (subsidy) allotted, employment generated and the projects set up. KVIC will ensure that the margin money (subsidy) is utilized as per the sub component plans approved for SC, ST, Women, etc. The targets and achievement will also be monitored at the Zonal, State and District levels by the Dy.CEOs, Directors of KVIC and the Commissioner /Secretary of Industries (DIC), of the States concerned. The existing REGP units will continue to be monitored by the KVIC as hitherto fore, and separate monthly report submitted directly to Ministry of MSME

27.3 Role of State Governments / Union Territories

The Scheme will be reviewed half yearly by Chief Secretary of the State. Representatives KVIC, Ministry of MSME, State Director (KVIC) CEO, KVIB, Secretary / Commissioner (Industries) of the State, Senior Officials of the Banks and other officials concerned will attend the meeting. State Governments {Commissioners / Secretaries (Industries)} will forward their monthly reports to KVIC, specifying the component wise details of beneficiaries indicating the amount of the Margin Money (subsidy) allotted, employment generated and the projects set up, which will be analyzed, compiled and consolidated by KVIC and a comprehensive report forwarded to Ministry every month. The existing PMRY units will continue to be monitored by the State DICs, as hitherto fore, and report submitted directly to Ministry of MSME.

28. Evaluation of the Scheme

A comprehensive, independent and rigorous evaluation of the scheme will be got done after two years of its implementation. Based on the findings of the evaluation study the scheme would be reviewed.

29. Negative List of Activities

The following list of activities will not be permitted under PMEGP for setting up of micro enterprises/ projects /units.

a) Any industry/business connected with Meat(slaughtered),i.e. processing, canning and/or serving items made of it as food, production/manufacturing or sale of intoxicant items like Beedi/Pan/ Cigar/Cigarette etc., any Hotel or Dhaba or sales outlet serving liquor, preparation/producing tobacco as raw materials, tapping of toddy for sale.

b) Any industry/business connected with cultivation of crops/ plantation like Tea, Coffee, Rubber etc. sericulture (Cocoon rearing), Horticulture, Floriculture, Animal Husbandry like Pisciculture, Piggery, Poultry, Harvester machines etc.

c) Manufacturing of Polythene carry bags of less than 20 microns thickness and manufacture of carry bags or containers made of recycled plastic for storing, carrying, dispensing or packaging of food stuff and any other item which causes environmental problems.

d) Industries such as processing of Pashmina Wool and such other products like hand spinning and hand weaving, taking advantage of Khadi Programme under the purview of Certification Rules and availing sales rebate.

e) Rural Transport (Except Auto Rickshaw in Andaman & Nicobar Islands, House Boat, Shikara & Tourist Boats in J&K and Cycle Rickshaw).

TABLE 7.10 PRODUCTION OF KHADI AND VILLAGE INDUSTRIES SINCE 1960-61
(Quantity in Lakh Square Meters)

Year	Khadi Quantity	(Value in Rs. Lakh) Value	Vill Industries Value only	Total Khadi & Village Industries Value
1	2	3	4	5
1960-61	537.7	1423	3316	4739
1965-66	848.5	2631	5587	8268
1970-71	567.4	2585	8560	11145
1975-76	561.1	4673	14848	19522
1980-81	910.1	10685	45124	55809
1981-82	964.3	12340	54237	66577
1985-86	1049.4	19501	92903	112404
1990-91	1088.8	28595	199407	228002
1991-92	1091.1	32863	226416	259279
1992-93	1052.6	35349	252345	287694
1993-94	984.3	35728	287658	323386
1994-95	908.4	3871	323435	362406
1995-96	1051.0	52223	350423	402646
1996-97	1114.9	62640	388986	451626
1997-98	1042.0	62410	389521	451931
1998-99	982.0	63589	447648	511237
1999-00	843.2	55194	561341	616535
2000-01	693.9	43157	649169	692326
2001-02	589.0	41669	714052	755721
2002-03	620.3	44307	812630	856937
2003-04	686.9	45193	922827	968020
2004-05	698.9	46154	1045889	1092043
2005-06	699.4	46830	1191554	1238384
2006-07	718.8	49152	1353719	1402871
2007-08	762.5	54339	1613432	1667771
2008-09	811.80	56500	1679300	1735800

Source : KVIC Annual Report 2008-09

CHAPTER - VIII

INDIA'S FOREIGN TRADE

8.1 Share of manufacturing product to the total export has decreased from 76.99 per cent in 1992-93 to 71.44 percent in 2008-09. Manufacturing products exported during different years and its share to total export are shown in Table 8.1 and Figure 8.1.

TABLE 8.1 SHARE OF MANUFACTURING TO TOTAL EXPORTS IN INDIA

(US $ Million)

Year	Manufacturing Products	Total	% Share
1992-93	13267	17233	76.99
1993-94	16530	21579	76.6
1994-95	20111	25538	78.75
1995-96	24057	31797	75.66
1996-97	24953	33470	74.55
1997-98	26966	35006	77.03
1998-99	26201	33218	78.88
1999-00	30161	36715	82.15
2000-01	35057	44076	79.54
2001-02	34544	43827	78.82
2002-03	41437	52719	78.6
2003-04	50373	63843	78.9
2004-05	62993	83536	75.41
2005-06	75074	103091	72.82
2006-07	87928	126263	69.64
2007-08	107042	162984	65.68
2008-09	130468	182631	71.44

Source: DGCI&S, Ministry of Commerce, Kolkota

TABLE 8.2 TRENDS IN INDIA'S FOREIGN TRADE

(Rs. in Crore)

Year	Exports (inc. re-exports)	Growth rate (%)	Imports	Growth rate (%)	Trade balance
1	2	3	4	5	6
1970-71	1535	8.6	1634	3.3	(-) 99
1980-81	6711	4.6	12549	37.3	(-) 5838
1981-82	7806	16.3	13608	8.4	(-) 5802
1982-83	8803	12.8	14293	5.0	(-) 5490
1983-84	9771	11.0	15831	10.8	(-) 6060
1984-85	11744	20.2	17134	8.2	(-) 5390
1985-86	10895	–7.2	19658	14.7	(-) 8763
1986-87	12452	14.3	20096	2.2	(-) 7644
1987-88	15674	25.9	22244	10.7	(-) 6570
1988-89	20232	29.1	28235	26.9	(-) 8003
1989-90	27658	36.7	35328	25.1	(-) 7670
1990-91	32553	17.7	43198	22.3	(-) 10645
1991-92	44041	35.3	47851	10.8	(-) 3810
1992-93	53688	21.9	63375	32.4	(-) 9687
1993-94	69751	29.9	73101	15.3	(-) 3350
1994-95	82674	18.5	89971	23.1	(-) 7297
1995-96	106353	28.6	122678	36.4	(-) 16325
1996-97	118817	11.7	138920	13.2	(-) 20103
1997-98	130100	9.5	154176	11.0	(-) 24076
1998-99	139752	7.4	178332	15.7	(-) 38580
1999-00	159561	14.2	215236	20.7	(-) 55675
2000-01	203571	27.6	230873	7.3	(-) 27302
2001-02	209018	2.7	245200	6.2	(-) 36182
2002-03	255137	22.1	297206	21.2	(-) 42069
2003-04	293367	15.0	359108	20.8	(-) 65741
2004-05	375340	27.9	501065	39.5	(-)125725
2005-06	456418	21.6	660409	31.8	(-)203991
2006-07	571779	25.3	840506	27.3	(-)268727
2007-08	655864	14.7	1012312	20.4	(-)356448
2008-09(P)a	766935	16.9	1305503	29.0	(-)538568

(P) Provisional

a. Growth rate on provisional over revised and based on Department of Commerce methodology.

Source: (1) DGCI&S, Calcutta (2) Economic Survey 2008-09

TABLE 8.3 INDIA'S IMPORTS OF PRINCIPAL COMMODITIES

Quantity : Thousand tonne
Value : Rs. crore

Sl. No.	Commodity	1980-81 Qty.	1980-81 Rs Cr.	1990-91 Qty.	1990-91 Rs Cr.	2000-01 Qty.	2000-01 Rs Cr.
1	2	3	4	5	6	7	8
I.	Food and live animals chiefty for food						
	(excl. cashew raw)of which:	-	380	-	-	-	-
1.1	Cereals and cereal preparations	400.8	100	308.3	182	69.9	90
II.	Raw materials and intemediate mfg.	-	9760	-	-	-	-
II.1	Cashewnuts (unprocessed)	25.0	9	82.6	134	249.7	962
II.2	Crude Rubber						
	(including synthetic & reclaimed	26.2	32	105.1	226	119.1	695
II.3	Fibers of which:	-	164	-	-	-	-
II.3.1	Synthetic and regenerated fibers						
	(man-made fibres)	68.8	97	21.2	56	42.6	275
II.3.2	Raw Wool	18.8	43	29.4	182	53.7	458
II.3.3	Raw Cotton	na	-	0.2	1	212.3	1185
II.3.4	Raw Jute	8.0	1	32.1	20	67.3	84
II.4	Petroleum, Oil and Lubricants	23537.0	5364	29359.0	10816	-	71497
II.5	Animal and Vegetable Oils						
	and fats of which:	-	709	-	-	-	-
II.5.1	Edible Oils	1633.3	677	525.8	326	4267.9	6093
II.6	Fertilizers and fertiliser mfg.	-	1490	-	-	-	-
II.6.1	Fertilizers and Fertilizers mfg.	5560.2	818	7560.3	1766	7423.4	3034
II.6.2	Chemical Elements & Compounds	-	358	-	2289	-	1542
II.6.3	Dyeing, Tanning and Colouring material	-	21	-	168	-	874
II.6.4	Medicinal & Pharm. products	-	85	-	468	-	1723
II.6.5	Plastic material, regenerated cellulose						
	and artifical resins	-	121	-	1095	-	2551
II.7	Pulp and waste paper	36.9	18	678.2	458	1050.9	1290
II.8	Paper, Paper board and						
	manufactures thereof	371.4	187	286.4	456	585.6	2005
II.9	Non-mettallic mineral manufactures of which:	-	555	-	na	-	797
II.9.1	Pearls, Precious and semi- precious						
	stones, unworked or worked	-	417	-	3738	-	22101
II.10	Iron and steel incl. Gold & Silver	2031.1	852	1920.5	2113	1613.6	3569
II.II	Non-ferrous Metals	-	477	-	1102	-	2462
III.	Capital Goods(a)	-	1910	-	10466	-	25281
III.1	Manufactures of metals	-	90	-	302	-	1786
III.2	Non-electrical machinery,(b) apparatus						
	& appliances incl. machine tools	-	1089	-	4240	-	16915
III.3	Electrical machinery, apparatus and						
	appliances**	-	260	-	1702	-	2227
III.4	Transport Equpment	-	472	-	1670	-	4353
V.	**TOTAL**	**-**	**12549**	**-**	**43198**	**-**	**230873**

TABLE 8.3 (CONTD.) INDIA'S IMPORTS OF PRINCIPAL COMMODITIES

Quantity : Thousand tonne
Value : Rs. crore

Sl. No.	Commodity	2006-07		2007-08		2008-09 (April-Dec.)	
		Qty.	Rs Cr.	Qty.	Rs Cr.	Qty.	Rs Cr.
1	2	9	10	11	12	13	14
I.	Food and live animals chiefty for food (excl. cashew raw) of which:	-	-	-	-	-	-
1.1	Cereals and cereal preparations	6125.9	5996	1847.7	2839	34.1	152
II.	Raw materials and intemediate mfg.	-	-	-	-	-	-
II.1	Cashewnuts (unprocessed)	586.5	1821	591.9	1715	523.7	2246
II.2	Crude Rubber (including synthetic & reclaimed	316.8	2845	338.7	3163	252.3	3495
II.3	Fibers of which:	-	-	-	-	-	-
II.3.1	Synthetic and regenerated fibers (man-made fibres)	44.1	439	43.5	446	40.8	490
II.3.2	Raw Wool	99.6	1078	93.1	1090	54.8	881
II.3.3	Raw Cotton	81.5	663	136.5	912	186.6	1540
II.3.4	Raw Jute	83.1	115	135.8	148	34.0	36
II.4	Petroleum, Oil and Lubricants	-	258572	-	320655	-	356232
II.5	Animal and Vegetable Oils and fats of which:	-	-	-	-	-	-
II.5.1	Edible Oils	4269.4	9540	4903.4	10301	4828.2	10975
II.6	Fertilizers and chemical products of which:	-	-	-	-	-	-
II.6.1	Fertilizers and Fertilizers mfg.	15618.9	13732	18531.5	20308	17499.7	52681
II.6.2	Chemical Elements & Compounds	-	5980	-	6544	-	7016
II.6.3	Dyeing, Tanning and Colouring material	-	2695	-	3000	-	2920
II.6.4	Medicinal & Pharmaceutical products	-	5866	-	6734	-	6236
II.6.5	Plastic material, regenerated cellulose and artifical resins	-	11696	-	14839	-	13142
II.7	Pulp and waste paper	2197.1	2893	2238.3	3132	1729.6	2932
II.8	Paper, Paper board and mfg. thereof	1258.6	5461	1521.4	5744	1333.5	6679
II.9	Non-mettallic mineral mfg. of which:	-	-	-	-	-	-
II.9.1	Pearls, Precious and semi- precious stones, unworked or worked	-	33881	-	32114	-	48097
II.10	Iron and steel	6748.2	29071	7957.8	34987	5370.2	33594
II.II	Non-ferrous Metals	-	78059	-	86049	-	88093
III.	Capital Goods(a)	-	129631	-	188917	-	134854
III.1	Manufactures of metals	-	7256	-	10721	-	11410
III.2	Non-electrical machinery,(b) apparatus & appliances includen machine tools	-	69375	-	88801	-	81556
III.3	Electrical machinery, apparatus and appliances(b)	-	8868	-	12096	-	11573
III.4	Transport Equpment	-	42709	-	80981	-	28327
V.	**Total**	-	**840506**	-	**1012312**	-	**1053055**

(a) From the year 1987-88 onwards Capital Goods include Project Goods.
(b) From the year 1991-92 onwards, Items III.2 & III.3 exclude elctronic goods.

Source : DGCI&S., Economic Survey 2008-09

TABLE 8.4 INDIA'S EXPORTS OF PRINCIPAL COMMODITIES

Quantity : Thousand tonne
Value : Rs. crore

Sl. No.	Commodities	1980-81 Qty.	1980-81 Rs Cr.	1990-91 Qty.	1990-91 Rs Cr.	2000-01 Qty.	2000-01 Rs Cr.
1	2	3	4	5	6	7	8
1	**Agricultural and allied products: of which**	**-**	**2057**	**-**	**6317**	**-**	**28582**
1.1	Coffee	87.3	214	86.5	252	184.9	1185
1.2	Tea and mate	229.2	426	199.1	1070	202.4	1976
1.3	Oil cakes	886.0	125	2447.8	609	2417.8	2045
1.4	Tobacco	91.3	141	87.1	263	108.3	871
1.5	Cashew Kernels	32.3	140	55.5	447	83.8	1883
1.6	Spices	84.2	11	103.3	239	244.9	1619
1.7	Sugar and molasses	97.0	40	191.0	38	769.0	511
1.8	Raw cotton	131.6	165	374.4	846	30.2	224
1.9	Rice	726.7	224	505.0	462	1534.4	2943
1.1	Fish and fish preparations	69.4	217	158.9	960	502.6	6367
1.11	Meat and meat preparations	-	56	-	140	-	1470
1.12	Fruits, vagetables and pulses (excl. cashew kemel, processed fruits & juices)	-	80	-	216	-	1609
1.13	Miscellaneous processed foods (include processed fruits and juices)	-	36	-	213	-	1094
II.	**Ores and minerals (excl. coal) of which**	**-**	**414**	**-**	**1497**	**-**	**4139**
II.1	Mica	16.7	18	42.0	35	63.2	64
II.2	Iron ore(million tonne)	22.4	303	32.5	1049	20161.4	1634
III.	**Manufactured goods of which**	**-**	**3747**	**-**	**23736**	**-**	**160723**
III.1	Textile fabrics & manufactures (excl. carpets hand-made) of which:	-	933	-	6832	-	-
III.1.1	Cotton yam, fabrics, made-ups etc.	-	408	-	2100	-	16030
III.1.2	Readymade gaments of all textiles materials	-	550	-	4012	-	25478
III.2	Coir yam and manufactures	-	17	-	48	-	221
III.3	Jute manufactures incl.twist & yam	660.0	330	220.0	298	-	932
III.4	Leather & leather manufactures incl. leather footwear, leather travel goods & leather garments	-	390	-	2600	-	8914
III.5	Handicrafts (incl. carpets hand-made) of which:	-	952	-	6167	-	5097
III.5.1	Games and jewellery	-	618	-	5247	-	33734
III.6	Chemicals and allied products@	-	225	-	2111	-	22851
III.7	Machinery, transport & metal manufactures including iron and steel*	-	827	-	3872	-	31870
IV.	**Mineral fuels and lubricants (incl.coal) (b)**	**-**	**28**	**-**	**948**	**-**	**8822**
VI.	**Total**	**-**	**6711**	**-**	**32553**	**-**	**203571**

TABLE 8.4 (CONTD.) INDIA'S EXPORTS OF PRINCIPAL COMMODITIES

Quantity : Thousand tonne
Value : Rs. crore

Sl. No.	Commodities	2006-07 Qty.	2006-07 Rs Cr.	2007-08 Qty.	2007-08 Rs Cr.	2008-09 (Apr-Dec) Qty.	2008-09 (Apr-Dec) Rs Cr.
1	2	9	10	11	12	13	14
1	**Agricultural and allied products: of which**	**-**	**58959**	**-**	**76006**	**-**	**62150**
1.1	Coffee	213.6	1969	178.3	1872	126.2	1680
1.2	Tea and mate	185.6	1970	197.4	2034	157.7	2017
1.3	Oil cakes	6437.0	5504	6909.0	8141	5183.6	7921
1.4	Tobacco	158.2	1685	173.3	1932	159.8	2405
1.5	Cashew Kernels	131.0	2506	126.0	2235	103.1	2288
1.6	Spices	482.8	3158	612.5	4204	521.5	4761
1.7	Sugar and molasses	1970.3	3260	5582.0	5663	3456.4	4442
1.8	Raw cotton	1162.2	6108	1557.6	8865	335.8	2118
1.9	Rice	4747.9	7036	6468.1	11751	1946.6	8101
1.10	Fish and fish preparations	-	8001	-	6927	-	5477
1.11	Meat and meat preparations	-	3314	-	3749	-	4047
1.12	Fruits, vagetables and pulses (excl. cashew kemel, processed fruits & juices)	-	4383	-	4053	-	3761
1.13	Miscellaneous processed foods (include processed fruits and juices)	-	1836	-	2135	-	2360
II.	**Ores and minerals (excl. coal) of which**	**-**	**27311**	**-**	**32887**	**-**	**21317**
II.1	Mica	-	76	-	88	-	102
II.2	Iron ore(million tonne)	-	17656	-	23400	-	14215
III.	**Manufactured goods of which**	**-**	**392447**	**-**	**422353**	**-**	**389564**
III.1	Textile fabrics & manufactures (excl. carpets hand-made) of which:	-	-	-	-	-	-
III.1.1	Cotton yam, fabrics, made-ups etc.	-	19089	-	18721	-	14724
III.1.2	Readymade gaments of all textiles materials	-	40238	-	39002	-	32872
III.2	Coir yam and manufactures	-	660	-	645	-	487
III.3	Jute manufactures incl.twist & yam	-	1178	-	1313	-	1082
III.4	Leather & leather manufactures incl. leather footwear, leather travel goods & leather garments	-	13651	-	13674	-	11997
III.5	Handicrafts (incl.carpets hand-made) of which ©	-	6049	-	5769	-	3806
III.5.1	Games and jewellery	-	72295	-	79228	-	65374
III.6	Chemicals and allied products (a)	-	64307	-	69868	-	64464
III.7	Machinery, transport & metal manufactures including iron and steel (b)	-	133166	-	149799	-	153047
IV.	**Mineral fuels and lubricants (incl.coal) (d)**	**-**	**85542**	**-**	116878	**-**	**105286**
VI.	**Total**	**-**	**571779**	**-**	**655864**	**-**	**584703**

a Chemicals and allied products figures relate to "Basic Chemicals" and "Plastic Linoleum products".
b Also includes electronic goods and computer software.
c Gems and Jewellary excluded from Handicrafts and reported as individual item since 1997-98.
d During 1990-91and 2000-01, Crude oil exports amount to Nil.

Source: DGCI&S, Economic Survey 2008-09

TABLE 8.5 INDIA'S EXPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
1) Europe	**149925.35**	**191422.42**	**27.68**	**22.79**
1.1 EU Countries (27)	**138859.80**	**179157.17**	**29.02**	**21.33**
1) U K26967.48	30330.95	12.47	3.61	
2) Germany	20598.93	29177.71	41.65	3.47
3) Netherland	21038.46	28883.16	37.29	3.44
4) Belgium	16943.10	20305.80	19.85	2.42
5) Italy	15748.13	17368.01	10.29	2.07
6) France	10454.15	13776.56	31.78	1.64
7) Spain	9225.05	11391.01	23.48	1.36
8) Greece	2136.60	4063.24	90.17	0.48
9) Denmark	1996.51	2676.51	34.06	0.32
10) Sweden	2188.18	2563.17	17.14	0.31
11) Poland	1799.61	2345.49	30.33	0.28
12) Austria	737.25	2322.06	214.96	0.28
13) Romania	1059.96	2286.55	115.72	0.27
14) Ireland	1264.15	2034.84	60.97	0.24
15) Hungary	924.66	1996.36	115.90	0.24
16) Portugal	1991.56	1991.96	0.02	0.24
17) Finland	964.19	1202.94	24.76	0.14
18) Cyprus	192.79	1142.01	492.37	0.14
19) Czech Republic	725.81	832.99	14.77	0.10
20) Slovenia	480.81	732.66	52.38	0.09
21) Malta	138.62	486.09	250.68	0.06
22) Bulgaria	286.91	330.12	15.06	0.04
23) Lithuania	237.79	272.94	14.78	0.03
24) Estonia	280.90	224.47	-20.09	0.03
25) Latvia	239.21	203.89	-14.76	0.02
26) Slovak Rep	192.06	164.31	-14.45	0.02
27) Luxembourg	46.94	51.39	9.47	0.01
1.2 Other WE Countries	**10638.53**	**11682.62**	**9.81**	**1.39**
1) Turkey	7043.38	6362.42	-9.67	0.76
2) Switzerland	2475.94	3521.48	42.23	0.42
3) Norway	1063.08	1720.53	61.84	0.20
4) Iceland	55.41	57.09	3.03	0.01
5) Liechtenstein	0.71	21.10	2884.97	0.00
1.3 East Europe	**427.02**	**582.62**	**36.44**	**0.07**
1) Croatia	291.56	391.62	34.32	0.05
2) Union Of Serbia & Montenegro	53.72	63.24	17.74	0.01

TABLE 8.5 (CONTD.) INDIA'S EXPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
3) Albania	28.04	55.71	98.66	0.01
4) Macedonia	33.46	47.56	42.14	0.01
5) Bosnia-Hrzgovin	20.24	24.49	20.98	0.00
2) Africa	**46463.41**	**51650.69**	**11.16**	**6.15**
2.1 Southern Africa	**14523.88**	**14326.22**	**-1.36**	**1.71**
1) South Africa	10698.75	9042.98	-15.48	1.08
2) Mozambique	1794.89	1917.41	6.83	0.23
3) Angola	1060.28	1701.44	60.47	0.20
4) Zambia	532.25	489.90	-7.96	0.06
5) Namibia	165.19	418.63	153.42	0.05
6) Zimbabwe	128.41	276.07	114.98	0.03
7) Swaziland	41.65	205.85	394.31	0.02
8) Lesotho	34.32	157.31	358.40	0.02
9) Botswana	68.14	116.63	71.16	0.01
2.2 West Africa	**13990.29**	**15422.16**	**10.23**	**1.84**
1) Nigeria	4361.62	7026.88	61.11	0.84
2) Ghana	3249.62	2497.07	-23.16	0.30
3) Congo P Rep	608.03	963.30	58.43	0.11
4) Benin	1108.43	936.77	-15.49	0.11
5) Senegal	796.90	660.69	-17.09	0.08
6) Togo	923.33	656.20	-28.93	0.08
7) Cote D' Ivoire	1041.43	429.25	-58.78	0.05
8) Cameroon	292.32	423.14	44.75	0.05
9) Guinea	525.46	354.46	-32.54	0.04
10) Burkina Faso	130.06	219.32	68.63	0.03
11) Sierra Leone	121.22	218.40	80.17	0.03
12) Mali	129.83	179.07	37.93	0.02
13) Guinea Bissau	17.97	164.90	817.66	0.02
14) Mauritania	115.89	163.55	41.12	0.02
15) Gambia	121.85	140.68	15.46	0.02
16) Liberia	92.42	134.83	45.89	0.02
17) Niger	191.04	117.54	-38.47	0.01
18) Gabon	104.05	99.20	-4.66	0.01
19) Equtl Guinea	44.45	29.69	-33.21	0.00
20) Sao Tome	5.97	4.60	-22.94	0.00
21) Cape Verde Is	1.70	1.74	2.63	0.00
22) St Helena	6.54	0.86	-86.87	0.00
23) Canary Is	0.17	-	-	-

TABLE 8.5 (CONTD.) INDIA'S EXPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
2.3 Central Africa	**1036.23**	**1761.51**	**69.99**	**0.21**
1) Uganda	618.58	1002.19	62.01	0.12
2) Malawi	258.48	408.62	58.09	0.05
3) Rwanda	52.00	134.80	159.25	0.02
4) Chad	52.68	71.84	36.39	0.01
5) Congo D. Rep.	16.86	69.34	311.29	0.01
6) Burundi	32.38	63.48	96.03	0.01
7) C Afri Rep	5.25	11.23	113.67	0.00
2.4 East Africa	**16913.01**	**20140.81**	**19.08**	**2.40**
1) Kenya	6356.09	6140.68	-3.39	0.73
2) Tanzania Rep	2364.55	4729.56	100.02	0.56
3) Mauritius	4372.46	4398.13	0.59	0.52
4) Djibouti	1842.76	1608.06	-12.74	0.19
5) Ethiopia	795.80	1135.01	42.63	0.14
6) Madagascar	230.13	1114.81	384.42	0.13
7) Seychelles	288.89	413.53	43.15	0.05
8) Somalia	488.93	308.84	-36.83	0.04
9) Reunion	134.22	174.85	30.27	0.02
10) Comoros	39.18	117.32	199.44	0.01
3) America	**111260.64**	**129630.19**	**16.51**	**15.43**
3.1 North America	**88482.08**	**101995.89**	**15.27**	**12.14**
1) U S A	83388.07	95750.58	14.83	11.40
2) Canada	5094.01	6245.31	22.60	0.74
3.2 Latin America	**22778.57**	**27634.30**	**21.32**	**3.29**
1) Brazil	10131.78	11726.86	15.74	1.40
2) Mexico	2382.05	2994.09	25.69	0.36
3) Chile	1004.44	1776.77	76.89	0.21
4) Colombia	3049.08	1679.34	-44.92	0.20
5) Argentina	1165.69	1595.79	36.90	0.19
6) Trinidad	547.64	1436.24	162.26	0.17
7) Peru	1154.87	1389.10	20.28	0.17
8) Venezuela	577.82	825.49	42.86	0.10
9) Ecuador	222.93	578.20	159.36	0.07
10) Panama Republic	275.43	559.10	102.99	0.07
11) Guatemala	300.41	367.58	22.36	0.04
12) Honduras	383.22	315.13	-17.77	0.04
13) Uruguay	204.42	296.86	45.22	0.04
14) Dominic Rep	171.11	233.72	36.59	0.03

TABLE 8.5 (CONTD.) INDIA'S EXPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
15) Haiti	107.47	202.78	88.69	0.02
16) Martinique	7.98	190.98	2294.46	0.02
17) Fr Guiana	8.90	175.47	1871.48	0.02
18) Paraguay	187.28	174.41	-6.87	0.02
19) Br Virgn Is	1.72	171.19	9853.65	0.02
20) Cuba	77.02	170.76	121.71	0.02
21) Costa Rica	127.43	156.08	22.48	0.02
22) Jamaica	99.32	102.12	2.83	0.01
23) Nicaragua	215.17	93.45	-56.57	0.01
24) Netherlandantil	40.85	85.33	108.87	0.01
25) El Salvador	48.81	76.49	56.70	0.01
26) Suriname	45.30	63.64	40.46	0.01
27) Guyana	54.76	55.38	1.13	0.01
28) Bolivia	30.64	41.92	36.82	0.00
29) Barbados	10.14	17.52	72.85	0.00
30) Antigua	7.48	13.12	75.38	0.00
31) Belize	24.67	13.03	-47.17	0.00
32) Dominica	11.84	11.97	1.10	0.00
33) Bahamas	70.68	10.21	-85.56	0.00
34) Guadeloupe	6.25	6.85	9.50	0.00
35) Virgin Is Us	4.56	6.03	32.20	0.00
36 St Lucia	2.18	4.93	126.06	0.00
37) St Vincent	1.89	3.57	88.93	0.00
38) Bermuda	5.04	3.51	-30.31	0.00
39) St Kitt N A	2.16	3.22	48.94	0.00
40) Cayman Is	2.58	2.65	2.59	0.00
41) Grenada	5.02	2.07	-58.75	0.00
42) Montserrat	0.29	0.93	225.52	0.00
43) Falkland Is	0.24	0.43	76.76	0.00
4) Asia & ASEAN	**338982.21**	**437750.10**	**29.14**	**52.11**
4.1 East Asia	**5673.17**	**7969.62**	**40.48**	**0.95**
1) Australia	4630.13	6558.85	41.66	0.78
2) New Zealand	638.19	854.81	33.94	0.10
3) Fiji Is	194.27	394.30	102.97	0.05
4) Papua N Gna	59.31	88.91	49.91	0.01
5) Tuvalu	26.25	29.60	12.75	0.00
6) Vanuatu Rep	8.69	24.10	177.33	0.00
7) Kiribati Rep	0.72	9.80	1270.62	0.00

TABLE 8.5 (CONTD.) INDIA'S EXPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
8) Solomon Is	112.24	4.07	-96.37	0.00
9) Samoa	1.72	3.18	85.09	0.00
10) Tonga	1.36	1.49	9.68	0.00
11) Nauru Rp	0.30	0.53	76.50	0.00
4.2 ASEAN	**65931.88**	**86885.18**	**31.78**	**10.34**
1) Singapore	29662.23	37746.56	27.25	4.49
2) Malaysia	10337.29	15779.50	52.65	1.88
3) Indonesia	8692.78	11577.83	33.19	1.38
4) Thailand	7278.77	9098.43	25.00	1.08
5) Vietnam Soc Rep	6451.28	7951.42	23.25	0.95
6) Philippines	2490.73	3374.62	35.49	0.40
7) Myanmar	746.19	1017.34	36.34	0.12
8) Cambodia	215.10	215.08	-0.01	0.03
9) Brunei	42.07	79.95	90.04	0.01
10) Lao Pd Rp	15.43	44.45	188.17	0.01
4.3 WANA	**122220.03**	**187814.19**	**53.67**	**22.36**
1) U Arab Emts	62915.03	110021.10	74.87	13.10
2) Saudi Arab	14922.55	22941.17	53.73	2.73
3) Iran	7844.83	11541.95	47.13	1.37
4) Egypt A Rp	5621.31	7503.39	33.48	0.89
5) Israel	6453.40	6619.01	2.57	0.79
6) Kuwait	2744.91	3626.15	32.10	0.43
7) Oman	3773.58	3546.00	-6.03	0.42
8) Yemen Republc	4096.69	3531.84	-13.79	0.42
9) Qatar	2165.50	3071.92	41.86	0.37
10) Algeria	1517.48	2991.87	97.16	0.36
11) Sudan	1641.73	2216.48	35.01	0.26
12) Iraq	1091.30	1981.27	81.55	0.24
13) Jordan	1438.02	1959.76	36.28	0.23
14) Syria	2709.11	1666.57	-38.48	0.20
15) Baharain Is	1013.34	1312.19	29.49	0.16
16) Morocco	837.45	1105.44	32.00	0.13
17) Tunisia	499.93	967.35	93.50	0.12
18) Lebanon	388.69	613.23	57.77	0.07
19) Libya	545.17	597.48	9.59	0.07
4.4 NE Asia	**106437.46**	**116270.60**	**9.24**	**13.84**
1) China P Rp	43597.41	42661.32	-2.15	5.08
2) Hong Kong	25385.25	30639.15	20.70	3.65

TABLE 8.5 (CONTD.) INDIA'S EXPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
3) Korea Rp	11481.54	18353.59	59.85	2.19
4) Japan	15515.59	13801.84	-11.05	1.64
5) Taiwan	6984.97	6681.73	-4.34	0.80
6) Korea Dp Rp	3424.21	4036.62	17.88	0.48
7) Mongolia	30.51	70.55	131.24	0.01
8) Macao	17.98	25.80	43.54	0.00
4.5 South Asia	**38719.68**	**38810.51**	**0.23**	**4.62**
1) Bangladesh Pr	11743.21	11317.17	-3.63	1.35
2) Sri Lanka Dsr	11374.29	10899.10	-4.18	1.30
3) Nepal	6063.48	7155.77	18.01	0.85
4) Pakistan Ir	7827.37	6520.84	-16.69	0.78
5) Afghanistan Tis	1001.92	1818.07	81.46	0.22
6) Maldives	360.55	590.28	63.72	0.07
7) Bhutan	348.86	509.27	45.98	0.06
5) CIS & Baltics	**6995.79**	**8719.88**	**24.64**	**1.04**
5.1 CARs Countries	**934.79**	**1176.11**	**25.81**	**0.14**
1) Kazakhstan	450.34	598.51	32.90	0.07
2) Uzbekistan	162.24	208.74	28.66	0.02
3) Turkmenistan	145.18	189.47	30.51	0.02
4) Kyrghyzstan	127.06	103.09	-18.87	0.01
5) Tajikistan	49.97	76.30	52.69	0.01
5.2 Other CIS Countries	**6060.99**	**7543.78**	**24.46**	**0.90**
1) Russia	3783.47	4959.13	31.07	0.59
2) Ukraine	1604.80	1807.34	12.62	0.22
3) Georgia	374.05	334.13	-10.67	0.04
4) Belarus	85.27	162.21	90.23	0.02
5) Azerbaijan	103.71	158.15	52.50	0.02
6) Armenia	79.89	92.85	16.23	0.01
7) Moldova	29.81	29.97	0.52	0.00
6) Unspecified Region	**2236.12**	**20804.66**	**830.39**	**2.48**
1) Unspecified	1467.74	20321.50	1284.54	2.42
2) Puerto Rico	141.86	304.38	114.57	0.04
3) Eritrea	445.31	73.55	-83.48	0.01
4) Gibraltar	5.19	40.26	676.16	0.00
5) New Caledonia	9.00	20.55	128.46	0.00
6) Aruba	2.71	8.84	226.45	0.00
7) Fr Polynesia	8.26	5.87	-28.91	0.00
8) Panama C Z	2.67	4.39	64.72	0.00

TABLE 8.5 (CONTD.) INDIA'S EXPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
9) Timor Leste	1.62	4.18	158.19	0.00
10) Andorra	0.53	4.12	674.26	0.00
11) Guam	2.34	2.48	6.06	0.00
12) Turks C Is	3.35	2.36	-29.47	0.00
13) N. Mariana Is.	0.35	2.05	488.16	0.00
14) Norfolk Is	1.95	1.82	-6.69	0.00
15) Monaco	1.96	1.59	-18.97	0.00
16) Palau	0.65	1.00	52.81	0.00
16) Christmas Is.	9.26	0.97	-89.57	0.00
18) Wallis F Is	0.19	0.71	269.24	0.00
19) Cook Is	0.50	0.60	20.40	0.00
20) Ameri Samoa	0.81	0.58	-27.70	0.00
21) Marshall Island	0.36	0.50	37.58	0.00
22) Micronesia	0.20	0.42	108.94	0.00
23) Anguilla	0.70	0.39	-44.45	0.00
24) Greenland	0.24	0.38	62.07	0.00
25) Saharwi A.Dm Rp	0.03	0.28	960.78	0.00
26) Faroe Is.	0.97	0.27	-71.84	0.00
27) Channel Is	0.87	0.22	-74.63	0.00
28) Tokelau Is	0.18	0.16	-13.08	0.00
29) Pitcairn Is.	0.14	0.13	-10.28	0.00
30) Neutral Zone	101.99	0.04	-99.96	0.00
31) Niue Is	0.03	0.04	22.37	0.00
32) St Pierre	22.04	0.01	-99.94	0.00
33) Fr S Ant Tr	0.04	0.01	-80.48	0.00
34) Cocos Is	0.35	0.01	-97.93	0.00
35) Heard Macdonald	0.05	0.00	-98.27	0.00
36) PACIFIC IS		0.00		0.00
37) Antartica	1.68			
Total	**655863.50**	**839977.94**	**28.07**	**100.00**

Data Source: DGCIS, Kolkata

TABLE 8.6 INDIA'S IMPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
1) Europe	**207747.02**	**256243.58**	**23.34**	**19.11**
1.1 EU Countries (27)	**154656.11**	**191574.50**	**23.87**	**14.29**
1) Germany	39736.04	53785.86	35.36	4.01
2) U K19941.48	26640.20	33.59	1.99	
3) Belgium	17545.72	25026.91	42.64	1.87
4) France	25175.64	21102.18	-16.18	1.57
5) Italy	15694.45	19817.86	26.27	1.48
6) Sweden	8578.11	8883.95	3.57	0.66
7) Netherland	7728.63	8626.87	11.62	0.64
8) Finland	3730.01	5577.50	49.53	0.42
9) Spain	4000.98	4570.08	14.22	0.34
10) Austria	2357.36	3124.36	32.54	0.23
11) Lithuania	39.01	2614.10	6601.20	0.19
12) Czech Republic	1798.93	2178.51	21.10	0.16
13) Denmark	1868.86	2162.73	15.72	0.16
14) Romania	1681.23	1441.99	-14.23	0.11
15) Poland	761.80	1219.77	60.12	0.09
16) Ireland	1045.51	1098.72	5.09	0.08
17) Hungary	456.00	878.84	92.73	0.07
18) Cyprus	585.30	681.31	16.40	0.05
19) Latvia	165.75	536.92	223.93	0.04
20) Slovenia	231.85	344.15	48.43	0.03
21) Greece	510.30	318.80	-37.53	0.02
22) Bulgaria	481.64	271.97	-43.53	0.02
23) Portugal	143.73	253.46	76.34	0.02
24) Slovak Rep	178.86	209.10	16.91	0.02
25) Luxembourg	144.21	114.13	-20.85	0.01
26) Estonia	43.28	70.89	63.80	0.01
27) Malta	31.44	23.32	-25.82	0.00
1.2 Other WE Countries	**52946.94**	**64525.63**	**21.87**	**4.81**
1) Switzerland	39570.82	52649.41	33.05	3.93
2) Turkey	6801.49	6641.27	-2.36	0.50
3) Norway	6544.45	5218.45	-20.26	0.39
4) Iceland	15.23	16.15	6.05	0.00
5) Liechtenstein	14.95	0.35	-97.68	0.00
1.3 East Europe	**143.98**	**143.45**	**-0.36**	**0.01**
1) Croatia	74.31	71.37	-3.95	0.01
2) Union Of Serbia & Montenegro	17.08	61.74	261.56	0.00

TABLE 8.6 (CONTD.) INDIA'S IMPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
3) Bosnia-Hrzgovin	49.23	6.32	-87.15	0.00
4) Macedonia	1.12	3.20	185.83	0.00
5) Albania	2.25	0.81	-63.74	0.00
2) Africa	**60156.41**	**85481.63**	**42.10**	**6.38**
2.1 Southern Africa	**19458.11**	**33015.43**	**69.67**	**2.46**
1) South Africa	14546.56	25022.00	72.01	1.87
2) Angola	4096.09	6539.00	59.64	0.49
3) Zambia	301.17	991.17	229.11	0.07
4) Mozambique	190.79	148.25	-22.30	0.01
5) Swaziland	149.58	134.81	-9.88	0.01
6) Botswana	0.00	97.79	3857087.72	0.01
7) Zimbabwe	89.51	66.30	-25.93	0.00
8) Namibia	84.42	14.91	-82.33	0.00
9) Lesotho		1.21		0.00
2.2 West Africa	**39216.08**	**50171.67**	**27.94**	**3.74**
1) Nigeria	30662.91	39995.41	30.44	2.98
2) Congo P Rep	419.68	2184.53	420.53	0.16
3) Cote D' Ivoire	802.18	1451.97	81.00	0.11
4) Guinea	2819.52	1209.95	-57.09	0.09
5) Senegal	603.76	994.53	64.72	0.07
6) Ghana	565.54	778.56	37.67	0.06
7) Gabon	485.21	769.54	58.60	0.06
8) Liberia	964.88	635.32	-34.16	0.05
9) Togo	245.10	634.05	158.70	0.05
10) Benin	289.88	491.20	69.45	0.04
11) Guinea Bissau	257.06	465.96	81.26	0.03
12) Burkina Faso	77.94	188.90	142.38	0.01
13) Cameroon	75.72	143.90	90.05	0.01
14) Gambia	60.80	124.93	105.49	0.01
15) Mali	16.11	43.04	167.11	0.00
16) Sierra Leone	201.83	35.88	-82.22	0.00
17) Mauritania	4.74	20.40	330.65	0.00
18) Cape Verde Is	0.01	1.60	14826.84	0.00
19) Equtl Guinea	660.50	0.88	-99.87	0.00
20) Niger	2.69	0.74	-72.40	0.00
21) Sao Tome	0.02	0.27	1610.38	0.00
22) St Helena	0.02	0.11	479.01	0.00
2.3 Central Africa	**197.18**	**639.58**	**224.36**	**0.05**

TABLE 8.6 (CONTD.) INDIA'S IMPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
1) Congo D. Rep.	55.47	473.62	753.79	0.04
2) Uganda	60.87	88.04	44.65	0.01
3) Malawi	62.18	33.55	-46.04	0.00
4) Chad	3.95	18.83	377.12	0.00
5) C Afri Rep	4.62	11.49	148.96	0.00
6) Rwanda	2.67	10.80	304.08	0.00
7) Burundi	7.43	3.23	-56.51	0.00
2.4 East Africa	**1285.05**	**1654.95**	**28.79**	**0.12**
1) Tanzania Rep	662.21	917.13	38.49	0.07
2) Kenya	348.30	374.31	7.47	0.03
3) Reunion	50.26	113.54	125.92	0.01
4) Madagascar	67.33	83.59	24.14	0.01
5) Mauritius	40.56	64.05	57.92	0.00
6) Ethiopia	54.82	51.27	-6.47	0.00
7) Somalia	31.12	27.41	-11.92	0.00
8) Djibouti	18.31	16.85	-7.97	0.00
9) Seychelles	3.79	5.36	41.40	0.00
10) Comoros	8.34	1.43	-82.80	0.00
3) America	**118967.68**	**139628.36**	**17.37**	**10.42**
3.1 North America	**92565.31**	**94811.84**	**2.43**	**7.07**
1) U S A	84625.13	83537.24	-1.29	6.23
2) Canada	7940.18	11274.60	41.99	0.84
3.2 Latin America	**26402.38**	**44816.52**	**69.74**	**3.34**
1) Venezuela	1597.95	18479.18	1056.43	1.38
2) Mexico	4765.43	7992.52	67.72	0.60
3) Chile	7419.40	6662.90	-10.20	0.50
4) Brazil	3818.14	5441.08	42.51	0.41
5) Argentina	3645.30	2345.90	-35.65	0.17
6) Peru	632.70	1216.94	92.34	0.09
7) Panama Republic	1005.70	646.80	-35.69	0.05
8) Trinidad	701.64	468.97	-33.16	0.03
9) Costa Rica	355.85	339.80	-4.51	0.03
10) Bermuda	1.55	312.62	20063.88	0.02
11) Bahamas	0.98	197.55	19999.86	0.01
12) Ecuador	872.31	149.49	-82.86	0.01
13) St Lucia	15.41	124.84	710.29	0.01
14) Colombia	337.57	81.04	-75.99	0.01
15) Uruguay	53.30	51.48	-3.43	0.00

TABLE 8.6 (CONTD.) INDIA'S IMPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
16) Guyana	63.74	50.25	-21.16	0.00
17) Dominic Rep	11.35	47.64	319.63	0.00
18) Bolivia	14.27	34.21	139.72	0.00
19) St Vincent	144.69	30.07	-79.22	0.00
20) El Salvador	23.59	26.66	13.02	0.00
21) Fr Guiana	7.70	25.28	228.18	0.00
22) Honduras	8.58	21.92	155.54	0.00
23) Guatemala	14.34	13.22	-7.80	0.00
24) Haiti	7.91	8.13	2.78	0.00
25) Netherlandantil	5.05	6.40	26.75	0.00
26) Virgin Is Us	8.81	6.39	-27.48	0.00
27) Cuba	57.35	6.16	-89.26	0.00
28) Suriname	3.44	5.35	55.64	0.00
29) Jamaica	93.27	5.06	-94.57	0.00
30) Falkland Is	0.01	4.37	47078.51	0.00
31) Dominica	4.25	2.91	-31.60	0.00
32) Nicaragua	1.54	2.90	89.09	0.00
33) Paraguay	1.83	2.64	44.17	0.00
34) Martinique	0.02	1.85	8325.24	0.00
35) Br Virgn Is	0.71	1.48	108.40	0.00
36) Cayman Is	650.58	0.59	-99.91	0.00
37) Belize	54.09	0.48	-99.11	0.00
38) Barbados	0.13	0.37	186.58	0.00
389 Antigua	0.26	0.35	38.13	0.00
40) Grenada	0.07	0.33	349.96	0.00
41) Guadeloupe	0.80	0.33	-58.27	0.00
42) Montserrat	0.42	0.06	-86.14	0.00
43) St Kitt N A	0.36			
4) Asia & ASEAN	**602973.57**	**823086.37**	**36.50**	**61.40**
4.1 East Asia	**33726.58**	**41896.55**	**24.22**	**3.13**
1) Australia	31552.08	38740.83	22.78	2.89
2) New Zealand	1353.06	1949.53	44.08	0.15
3) Papua N Gna	781.55	1039.76	33.04	0.08
4) Nauru Rp	1.63	123.96	7499.19	0.01
5) Vanuatu Rep	4.18	33.96	711.91	0.00
6) Fiji Is	1.04	3.26	214.81	0.00
7) Solomon Is	26.46	2.36	-91.09	0.00
8) Tuvalu	6.39	1.70	-73.46	0.00

TABLE 8.6 (CONTD.) INDIA'S IMPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
9) Tonga	0.17	0.80	383.46	0.00
10) Kiribati Rep	0.01	0.29	4854.08	0.00
11) Samoa	0.02	0.09	339.50	0.00
4.2 ASEAN	**91244.77**	**118540.04**	**29.91**	**8.84**
1) Singapore	32682.18	34179.82	4.58	2.55
2) Malaysia	24176.13	32291.12	33.57	2.41
3) Indonesia	19420.53	30697.49	58.07	2.29
4) Thailand	9264.00	12215.77	31.86	0.91
5) Myanmar	3259.28	4240.77	30.11	0.32
6) Brunei	908.69	1881.94	107.11	0.14
7) Vietnam Soc Rep	698.07	1855.93	165.87	0.14
7) Philippines	823.88	1163.07	41.17	0.09
9) Cambodia	11.55	11.97	3.64	0.00
10) Lao Pd Rp	0.46	2.15	370.37	0.00
4.3 WANA	**289401.25**	**393236.27**	**35.88**	**29.33**
1) U Arab Emts	54233.20	94768.04	74.74	7.07
2) Saudi Arab	78110.31	89654.59	14.78	6.69
3) Iran	43945.93	55806.96	26.99	4.16
4) Kuwait	30959.93	43199.45	39.53	3.22
5) Iraq	27494.67	34285.02	24.70	2.56
6) Qatar	9888.89	15894.97	60.74	1.19
7) Egypt A Rp	7982.78	9765.00	22.33	0.73
8) Israel	5746.34	9376.58	63.18	0.70
9) Jordan	2757.38	7999.58	190.12	0.60
10) Baharain Is	3338.82	6366.85	90.69	0.47
11) Oman	4563.84	5464.12	19.73	0.41
12) Algeria	4961.69	4517.54	-8.95	0.34
13) Morocco	2007.47	4292.42	113.82	0.32
14) Yemen Republc	5914.19	3345.30	-43.44	0.25
15) Libya	5010.67	3072.13	-38.69	0.23
16) Tunisia	628.46	2761.72	339.45	0.21
17) Sudan	1737.22	1839.56	5.89	0.14
18) Syria	81.56	763.98	836.73	0.06
19) Lebanon	37.91	62.48	64.84	0.00
4.4 NE Asia	**180100.33**	**261174.38**	**45.02**	**19.48**
1) China P Rp	109116.11	144114.78	32.07	10.75
2) Korea Rp	24307.91	39514.39	62.56	2.95
3) Japan	25457.80	34985.14	37.42	2.61

TABLE 8.6 (CONTD.) INDIA'S IMPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
4) Hong Kong	10867.07	29484.10	171.32	2.20
5) Taiwan	9663.97	12749.78	31.93	0.95
6) Korea Dp Rp	648.52	241.47	-62.77	0.02
7) Mongolia	37.43	83.59	123.34	0.01
8) Macao	1.52	1.13	-25.79	0.00
4.5 South Asia	**8500.63**	**8239.12**	**-3.08**	**0.61**
1) Nepal	2527.26	2246.48	-11.11	0.17
2) Pakistan Ir	1158.72	1666.79	43.85	0.12
3) Sri Lanka Dsr	2540.92	1609.44	-36.66	0.12
4) Bangladesh Pr	1034.68	1418.24	37.07	0.11
5) Bhutan	782.60	687.86	-12.11	0.05
6) Afghanistan Tis	439.76	592.38	34.70	0.04
7) Maldives	16.70	17.93	7.40	0.00
5) CIS & Baltics	**15211.83**	**30161.76**	**98.28**	**2.25**
5.1 CARs Countries	**451.04**	**1203.32**	**166.79**	**0.09**
1) Kazakhstan	309.15	733.53	137.27	0.05
2) Uzbekistan	64.71	329.24	408.82	0.02
3) Tajikistan	38.99	80.66	106.86	0.01
4) Turkmenistan	34.54	55.38	60.31	0.00
5) Kyrghyzstan	3.64	4.52	23.93	0.00
5.2 Other CIS Countries	**14760.79**	**28958.44**	**96.18**	**2.16**
1) Russia	9938.33	19734.99	98.57	1.47
2) Ukraine	3563.47	6986.57	96.06	0.52
3) Belarus	504.10	1255.41	149.04	0.09
4) Azerbaijan	695.11	864.17	24.32	0.06
5) Georgia	43.05	74.09	72.12	0.01
6) Moldova	1.58	30.44	1829.83	0.00
7) Armenia	15.15	12.76	-15.76	0.00
6) Unspecified Region	**7255.19**	**5986.07**	**-17.49**	**0.45**
1) Unspecified	7152.21	5842.90	-18.31	0.44
2) New Caledonia	40.94	47.54	16.12	0.00
3) Puerto Rico	35.09	47.22	34.56	0.00
4) Eritrea	6.01	27.41	356.17	0.00
5) Turks C Is	1.63	7.69	370.64	0.00
6) Norfolk Is	1.67	3.93	135.72	0.00
7) Christmas Is.	2.84	2.63	-7.37	0.00
8) Monaco	3.85	1.41	-63.43	0.00
9) Ameri Samoa	4.67	1.14	-75.60	0.00

TABLE 8.6 (CONTD.) INDIA'S IMPORTS BY REGIONS AND PRINCIPAL COUNTRIES

Values in Rs. Crores

Region/Countries	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
10) Timor Leste	0.20	1.00	401.59	0.00
11) Marshall Island	0.27	0.62	131.09	0.00
12) Fr Polynesia	0.09	0.45	386.18	0.00
13) Andorra	0.04	0.41	898.73	0.00
14) Guam	1.43	0.34	-76.16	0.00
15) N. Mariana Is.	1.52	0.32	-78.79	0.00
16) Cocos Is	0.06	0.19	192.54	0.00
17) Antartica	0.05	0.18	226.77	0.00
18) Heard Macdonald		0.14		0.00
19) Faroe IS.	0.71	0.12	-83.69	0.00
20) St Pierre	0.12	0.11	-5.43	0.00
21) Aruba		0.08		0.00
22) Wallis F Is	0.06	0.07	10.81	0.00
23) Tokelau Is	0.31	0.06	-79.21	0.00
24) Palau	0.05	0.04	-3.63	0.00
25) Panama C Z	0.14	0.04	-68.15	0.00
26) FR S ANT TR		0.02		0.00
27) Greenland	0.00	0.01	2314.81	0.00
28) Micronesia	0.06	0.00	-96.64	0.00
29) Cook Is		0.00		0.00
30) Pitcairn Is.	0.02	0.00	-99.48	0.00
31) Niue Is	0.16			
32) Gibraltar	0.98			
Total	**1012311.75**	**1340587.75**	**32.43**	**100.00**

Source: DGCIS, Kolkata

TABLE 8.7 INDEX NUMBERS OF FOREIGN TRADE

(Base : 1978-79= 100)

Year	Unit Value Index		Volume Index			Terms of Trade	
	Exports	Imports	Exports	Imports	Gross	Net	Income
1	2	3	4	5	6	7	8
1969-70	44.0	35.2	55.7	64.9	116.5	125.0	69.6
1970-71*	45.0	35.3	59.0	67.2	113.9	127.4	75.2
1971-72*	46.0	32.8	59.2	80.6	136.1	140.2	83.0
1972-73*	51.2	34.2	66.5	76.7	115.3	149.7	99.6
1973-74*	62.2	48.9	69.5	87.2	125.4	127.2	88.4
1974-75*	78.0	84.5	73.7	77.2	104.7	92.3	68.4
1975-76*	83.9	99.1	81.7	76.0	93.0	84.7	69.2
1976-77*	89.4	96.3	96.8	76.1	78.6	92.9	89.9
1977-78*	100.3	88.0	93.2	100.0	107.3	114.0	106.2
1978-79	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979-80	105.4	114.1	106.2	116.4	109.7	92.4	98.1
1980-81	108.5	134.2	108.1	137.9	127.6	80.8	87.3
1981-82	124.1	133.1	110.1	150.6	136.8	93.2	102.6
1982-83	132.0	136.3	116.7	154.6	132.4	96.8	113.0
1983-84	151.0	125.8	113.0	185.4	164.1	120.0	135.6
1984-85	169.8	161.7	120.8	156.1	129.2	105.0	126.8
1985-86	170.8	158.8	111.3	182.3	163.8	107.6	119.8
1986-87	179.4	139.4	121.3	212.3	175.0	128.6	156.0
1987-88	195.4	160.0	140.0	204.8	146.3	122.1	170.9
1988-89	232.2	185.5	152.1	224.2	147.4	125.2	190.4
1989-90	276.6	228.4	174.9	227.8	130.2	121.1	211.8
1990-91	292.5	267.7	194.1	237.7	122.5	109.3	212.2
1991-92	369.5	309.1	208.6	228.0	109.3	119.5	249.3
1992-93	421.5	331.0	222.9	282.0	126.5	127.3	283.8
1993-94	474.1	327.2	257.5	329.1	127.8	144.9	373.1
1994-95	494.6	324.6	292.7	408.3	139.5	152.4	446.0
1995-96	484.2	351.0	384.3	514.8	134.0	137.9	530.0
1996-97	504.7	399.8	411.8	511.8	124.3	126.2	519.7
1997-98	589.4	404.2	386.0	562.1	145.6	145.8	562.8
1998-99	611.7	407.8	399.2	644.2	161.4	150.0	598.8
1999-00	604.5	450.5	461.0	704.8	152.9	134.2	618.7
2000-01	624.3	487.5	571.4	697.7	122.1	128.1	732.0
2001-02	618.0	492.9	592.7	732.8	123.6	125.4	743.2
2002-03	619.6	545.6	721.6	802.4	111.2	113.6	819.7
2003-04	672.4	545.1	764.6	970.4	126.9	123.4	943.5
2004-05	732.0	663.0	899.0	1113.0	124.0	110.0	991.0
2005-06	798.0	592.0	1005.0	1649.0	164.0	135.0	1357.0
2006-07	863.0	608.0	1164.0	2047.0	176.0	142.0	1653.0
2007-08	939.0	575.0	1227.0	2603.0	212.0	163.0	2000.0

*Converted from the original base with the help of linking factors.

Notes : 1. Gross Terms of Trade implies Volume Index of Imports expressed as a percentage of Volume Index of Exports.

2. Net Terms of Trade implies Unit Value index of Exports expressed as a percentage of Unit Value index of Imports.

3. Income Terms of Trade implies the product of Net Terms of Trade and Volume Index of Exports Expressed as a percentage.

Source: DGCI&S. Economic Survey 2008-09.

TABLE 8.8 INDIA'S SHARE IN WORLD EXPORTS BY COMMODITY DIVISIONS AND GROUPS

(US $ million)

Div Sl. No.	Code Group	Commodity Division/Group	1990 World	1990 India	1990 India's share(%)	2000 World	2000 India	2000 India's share (%)
1	2	3	4	5	6	7	8	9
01		Meat and meat preparations	34118	77	0.2	44690	324	0.7
03		Fish, crustanceans and molluscs & preparations	32847	521	1.6	50875	1391	2.7
04		Cereals and cereal preparations	45314	285	0.6	53575	783	1.5
	042	Rice	3995	254	6.4	6411	654	10.2
05		Vegetables and fruits	50225	400	0.8	68355	856	1.3
06		Sugar, sugar preparations and honey	14236	21	0.1	13866	118	0.9
07		Coffee, tea cocoa, spices and manufactures	21131	842	4.0	27953	956	3.4
	071	Coffee and coffee substitutes	8659	148	1.7	11559	264	2.3
	074	Tea and mate	2650	585	22.1	3087	431	14.0
	075	Spices	1415	109	7.7	2541	261	10.3
08		Feeding stuff for animals	15603	336	2.2	20295	469	2.3
12		Tobacco and tobacco manufactures	17860	145	0.8	21628	147	0.7
	121	Unmanufactured tobacco and refuse	5187	107	2.1	5525	147	2.7
	122	Manufactured tobacco	12674	39	0.3	16103	—	—
22		Oilseeds and oleaginous fruit	10477	83	0.8	14388	244	1.7
28		Metalliferous ores and metal scrap	35734	753	2.1	49515	510	1.0
	281	Iron ore and concentrates	7653	578	7.6	9229	363	3.9
51		Organic chemicals	70721	232	0.3	134109	1491	1.1
52		Inorganic chemicals	26079	59	0.2	33117	99	0.3
53		Dyeing, tanning and colouring materials	19952	233	1.2	34105	481	1.4
54	541	Medicinal and phamaceutical products	37753	453	1.2	107482	1255	1.2
55		Essential oils and perfume materials soap, cleansing etc.	21027	240	1.1	44279	216	0.5
58		Artificial resins, plastic materials, cellulose esters & others	65712	29	—	123353	174	0.1
59		Chemical materials and products n.e.s	33418	76	0.2	63411	437	0.7
61		Leather, leather manufactures & dressed fur skins	13226	832	6.3	24440	808	3.3
	611	Leather	9295	447	4.8	16551	388	2.3
	612	Manufactures of leatehr or of composition leather	2868	385	13.4	6831	421	6.2
	613	Fur skins, tanned or dressed etc.	1063	—	—	1058	—	—
65		Textil yarn, fabrics, made-up articles	105147	2180	2.1	167528	6000	3.6
	652	Woven cotton fabrics	15559	571	3.7	22387	1103	4.9
	653	Woven fabrics of man made fibres	22021	156	0.7	32151	506	1.6
	654	Woven fabrics other than of cotton or man-made fibres	8466	195	2.3	9432	370	3.9
66	667	Pearls, precious and semi-precious stones	27577	2710	9.8	54105	6477	12.0
67		Iron and steel	106342	283	0.3	146147	1481	1.0
69		Manufactures of metals n.e.s.	66088	341	0.5	125259	1167	0.9
71		Power-generating machinery & equipment	81675	126	0.2	158329	218	0.1
72		Machinery specialsized for particular industries	118617	236	0.2	167582	346	0.2
73		Metal working Machinery	31051	58	0.2	41413	117	0.3
74		General inddustrial machinery & equipment & machine parts thereof	130836	132	0.1	225981	78	—
75		Office machinery and ADP equipment	126743	112	0.1	378980	—	—
76		Telecommunication & sound recording & reproducing apparatus and equipment	100965	31	—	299356	—	—
77		Electrical machinery, apparatus and appliances	185364	241	0.1	640575	92	—
78		Road vehicles (including air cushion vehicles)	312550	344	0.1	549596	370	0.1
79		Other transport equipment	96250	15	—	157654	53	—
84		Articles of apparel and clothing accessories	94577	2211	2.3	201379	7093	3.5
		Total exports	**3303563**	**18143**	**0.5**	**6254511**	**41543**	**0.7**

TABLE 8.8 (CONTD.) INDIA'S SHARE IN WORLD EXPORTS BY COMMODITY DIVISIONS AND GROUPS

(US $ million)

Div Sl. No.	Code Group	Commodity Division/Group	2005 World	2005 India	2005 India's share(%)	2006 World	2006 India	2006 India's share (%)
1	2	3	4	5	6	7	8	9
01		Meat and meat preparations	73937	620	0.8	79034	731	0.9
02		Fish, crustanceans and molluscs & preparations	71559	1590	2.2	79032	1756	2.2
03		Cereals and cereal preparations	72416	1753	2.4	81063	1816	2.2
	042	Rice	9841	1411	14.3	11097	1552	14.0
05		Vegetables and fruits	114274	1586	1.4	127346	1702	1.3
06		Sugar, sugar preparations and honey	24042	196	0.8	29992	773	2.6
07		Coffee, tea cocoa, spices and manufactures	44914	1042	2.3	49285	1348	2.7
	071	Coffee and coffee substitutes	15729	363	2.3	18058	437	2.4
	074	Tea and mate	4159	393	9.6	4767	435	9.1
	075	Spices	2995	281	9.4	3562	468	13.1
08		Feeding stuff for animals	30390	1127	3.7	32946	1240	3.8
12		Tobacco and tobacco manufacture	24759	232	0.9	26501	276	1.0
	121	Unmanufactured tobacco and refuse	6875	0	0.0	7480	0	0.0
	122	Manufactured tobacco	17884	0	0.0	19021	0	0.0
22		Oilseeds and oleaginous fruit	22888	319	1.4	24272	417	1.7
28		Metalliferous ores and metal scrap	124604	4899	3.9	174531	5363	3.1
	281	Iron ore and concentrates	27673	3816	13.8	32815	3895	11.9
51		Organic chemicals	217584	4536	2.1	274573	5367	2.0
52		Inorganic chemicals	55240	0	0.0	64392	0	0.0
53		Dyeing, tanning and colouring materials	50885	846	1.7	56038	1001	1.8
54	541	Medicinal and phamaceutical products	67107	564	0.8	75380	689	0.9
55		Essential oils and perfume materials soap, cleansing etc.	82162	511	0.6	91023	631	0.7
58		Artificial resins, plastic materials, cellulose esters & ethers	72911	0	0.0	83915	0	0.0
59		Chemical materials and products n.e.s	106894	1153	1.1	122160	1214	1.0
61		Leather, leather manufactures & dressed fur skins	25347	773	3.1	27621	859	3.1
	611	Leather	20500	638	3.1	22426	722	3.2
	612	Manufactures of leatehr or of composition leather	3125	0	0.0	3415	0	0.0
	613	Fur skins, tanned or dressed etc.	1722	0	0.0	1780	0	0.0
65		Textil yarn, fabrics, made-up articles	213619	8462	4.0	228615	8931	3.9
	652	Woven cotton fabrics	28814	861	3.0	29436	902	3.1
	653	Woven fabrics of man made fibres	32121	981	3.0	33546	1019	3.0
	654	Woven fabrics other than of cotton or man-made fibres	11076	495	4.5	11469	479	4.2
66	667	Pearls, precious and semi-precious stones	91907	11929	13.0	91284	10841	11.9
67		Iron and steel	312975	4959	1.6	369711	7068	1.9
69		Manufactures of metals n.e.s.	215402	2774	1.3	253065	3154	1.2
71		Power-generating machinery & equipment	252199	926	0.4	284647	1480	0.5
72		Machinery specialsized for particular industries	264538	1125	0.4	300835	1371	0.5
73		Metal working Machinery	63925	268	0.4	74377	305	0.4
74		General inddustrial machinery & equipment & machine parts thereof	375374	1825	0.5	432875	2319	0.5
75		Office machinery and ADP equipment	488065	470	0.1	538755	447	0.1
76		Telecommunication & sound recording & reproducing apparatus and equipment	492806	0	0.0	584942	0	0.0
77		Electrical machinery, apparatus and appliances	852088	2126	0.2	987485	2886	0.3
78		Road vehicles (including air cushion vehicles)	896733	3088	0.3	992287	3474	0.4
79		Other transport equipment	214311	1023	0.5	266698	1170	0.4
84		Articles of apparel and clothing accessories	286840	9212	3.2	320299	9420	2.9
		Total exports	**10306710**	**103404**	**1.0**	**11887**	**549126**	**126 1.1**

Source : Economic Survey 2008-09

TABLE 8.9 EXPORT OF PRINCIPAL COMMODITIES FROM INDIA

Values in Rs. Crores

			Commodity	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
A)			**PLANTATION**	**3906.44**	**4943.39**	**26.54**	**0.59**
	01)		Tea	2034.17	2687.63	32.12	0.32
	02)		Coffee	1872.27	2255.76	20.48	0.27
B)			**AGRI & ALLIED PRDTS**	**54510.53**	**65769.38**	**20.65**	**7.83**
	01)		Cereal	14757.18	15089.80	2.25	1.80
		a)	Rice	11754.62	11168.28	-4.99	1.33
		b)	Wheat	0.24	1.46	508.65	0.00
		c)	Others	3002.33	3920.06	30.57	0.47
	02)		Pulses	526.41	540.23	2.62	0.06
	03)		Tobacco	1931.89	3457.79	78.98	0.41
		a)	Unmanufactured	1432.80	2763.89	92.90	0.33
		b)	Manufactured	499.09	693.90	39.03	0.08
	04)		Spices	4314.86	6338.13	46.89	0.75
	05)		Nuts & Seeds	5021.17	5728.17	14.08	0.68
		a)	Cashew incl CSNL	2234.77	2930.67	31.14	0.35
		b)	Sesame & Niger seed	1732.32	1558.49	-10.03	0.19
		c)	Ground nut	1054.08	1239.01	17.54	0.15
	06)		Oil Meals	8140.55	10269.24	26.15	1.22
	07)		Guergum Meal	1125.75	1338.99	18.94	0.16
	08)		Castor Oil	1275.72	2128.72	66.86	0.25
	09)		Shellac	123.99	103.89	-16.21	0.01
	10)		Sugar & Mollasses	5662.77	4531.44	-19.98	0.54
	11)		Processed Foods	5804.40	8405.45	44.81	1.00
		a)	Fresh Fruits & Vegetables	2924.47	4399.05	50.42	0.52
		b)	Fruits/Vgetable seeds	141.96	119.91	-15.53	0.01
		c)	Processed & misc processed items	2737.97	3886.50	41.95	0.46
	12)		Meat & Preparations	3749.47	5371.03	43.25	0.64
	13)		Poultry & Dairy Products	1389.77	1543.24	11.04	0.18
	14)		Flouriculture Products	340.30	368.80	8.38	0.04
	15)		Spirit & Beverages	346.29	554.47	60.11	0.07
C)			**MARINE PRODUCTS**	**6926.67**	**7064.11**	**1.98**	**0.84**
D)			**ORES & MINERALS**	**36716.93**	**35874.05**	**-2.30**	**4.27**
	01)		Iron ore	23399.67	21725.20	-7.16	2.59
	02)		Mica	87.55	136.09	55.44	0.02
	03)		Processed Minerals	5023.20	6253.50	24.49	0.74
	04)		Other ores & minerals	7929.68	7410.80	-6.54	0.88
	05)		Coal	276.82	348.46	25.88	0.04
E)			**LEATHER & MNFRS**	**14101.30**	**16351.11**	**15.95**	**1.95**
	01)		Footwear	6238.42	7277.43	16.66	0.87
	02)		Leather & mfrs	7862.88	9073.68	15.40	1.08
F)			**GEMS & JEWELLERY**	**79227.74**	**127424.33**	**60.83**	**15.17**
G)			**SPORTS GOODS**	**539.94**	**660.12**	**22.26**	**0.08**

TABLE 8.9 (CONTD.) EXPORT OF PRINCIPAL COMMODITIES FROM INDIA

Values in Rs. Crores

			Commodity	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
H)			**CHEMICALS & RELATED PRODUCTS**	**90040.06**	**109592.65**	**21.72**	**13.05**
	01)		Basic chemls, Pharma & cosmetics	56173.42	71513.79	27.31	8.51
	02)		Plastics & Linoleum	13763.36	13742.24	-0.15	1.64
	03)		Rubber, glass & other products	16332.81	19218.42	17.67	2.29
	04)		Residual chemls & allied products	3770.47	5118.19	35.74	0.61
I)			**ENGINEERING GOODS**	**135719.27**	**183975.64**	**35.56**	**21.9**
	01)		Machinery	66382.66	103338.10	55.67	12.3
		a)	Machine tools	1350.27	1715.34	27.04	0.2
		b)	Machinery & Instruments	36750.33	50376.46	37.08	6.00
		c)	Transport equipments	28282.06	51246.30	81.20	6.1
	02)		Iron & Steel	21928.10	26779.64	22.12	3.19
		a)	Iron & Steel Bar rod etc	5204.47	5006.49	-3.80	0.6
		b)	Primary & semi-finished iron & steel	16723.63	21773.14	30.19	2.59
	03)		Other Engineering Items	47408.50	53857.90	13.60	6.41
		a)	Ferro Alloys	4484.95	6878.30	53.36	0.82
		b)	Aluminium other than products	1885.58	2326.39	23.38	0.28
		c)	Non ferrous metals	12277.46	9258.30	-24.59	1.1
		d)	Manufacture of metals	28389.05	34728.57	22.33	4.13
		e)	Residual Engineering items	371.46	666.33	79.38	0.08
J)			**ELECTRONIC GOODS**	**14131.50**	**32781.90**	**131.98**	**3.9**
	01)		Electronics	13532.16	31227.70	130.77	3.72
	02)		Computer Software in physical form	599.34	1554.19	159.32	0.19
K)			**PROJECT GOODS**	**584.06**	**626.05**	**7.19**	**0.07**
L)			**TEXTILES**	**74399.19**	**88498.38**	**18.95**	**10.54**
	01)		Readymade garments	39001.02	50290.70	28.95	5.99
	02)		Cotton, yarn, fabrics, made-ups etc	18734.42	18942.34	1.11	2.26
	03)		Manmade textiles & made-ups etc	12785.02	15088.11	18.01	1.8
	04)		Natural Silk textiles	1540.93	1664.03	7.99	0.20
	05)		Wool & woolen mfrs	373.58	456.52	22.20	0.05
	06)		Coir & coir mfrs	644.87	680.89	5.59	0.08
	07)		Jute mfrs	1319.37	1375.80	4.28	0.16
M)			**HANDICRAFTS**	**2046.21**	**1375.48**	**-32.78**	**0.16**
N)			**CARPETS**	**3797.91**	**3564.09**	**-6.16**	**0.42**
	01)		Hand-made excl silk	3725.79	3505.37	-5.92	0.42
	02)		Mill-made excl silk				
	03)		Silk carpets	72.11	58.71	-18.58	0.01
O)			**COTTON RAW INCL WASTE**	**8865.39**	**2865.85**	**-67.67**	**0.34**
P)			**PETROLEUM PRODUCTS**	**114191.68**	**123397.98**	**8.06**	**14.69**
Q)			**UNCLASSIFIED EXPORTS**	**16158.71**	**35213.45**	**117.92**	**4.19**
			Total	**655863.50**	**839977.94**	**28.07**	**100.00**

Data Source: DGCIS, Kolkata

TABLE 8.10 INDIA'S IMPORT OF PRINCIPAL COMMODITIES GROUPS

Values in Rs. Crores

			Commodity	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
A)			**BULK IMPORTS**	**451341.89**	**620105.80**	**37.39**	**46.26**
	01)		Cereals & Preparations	2839.10	215.50	-92.41	0.02
		a)	Rice	0.42	0.54	27.84	0.00
		b)	Wheat	2657.51	0.01	-100.00	0.00
		c)	Other cereals	19.34	45.40	134.81	0.00
		d)	Preparations	161.83	169.55	4.77	0.01
	02)		Fertilizers	21764.79	62447.01	186.92	4.66
		a)	Crude	1881.56	4877.33	159.22	0.36
		b)	Sulphur & Un-roasted pyrites	1457.45	2874.79	97.25	0.21
		c)	Manufactured	18425.79	54694.89	196.84	4.08
	03)		Edible Oil	10301.09	15814.62	53.52	1.18
	04)		Sugar	5.87	583.11	9828.07	0.04
	05)		Pulp & waste paper	3132.12	3675.20	17.34	0.27
	06)		Paper board & mfrs	6307.57	6326.96	0.31	0.47
	07)		Newsprint	2227.45	3720.33	67.02	0.28
	08)		Crude rubber	3163.27	3953.62	24.99	0.29
	09)		Non-ferrous metals	14112.33	24104.21	70.80	1.80
	10)		Metalliferrous ores & products	31852.94	36320.30	14.02	2.71
	11)		Iron & Steel	34980.85	43066.56	23.11	3.21
	12)		Petroleum crude & products	320654.50	419878.38	30.94	31.32
B)			**PEARLS, PRECIOUS & SEMI-PRECIOUS STONES**	**32094.27**	**66410.18**	**106.92**	**4.95**
C)			**MACHINERY**	**181376.64**	**183033.69**	**0.91**	**13.65**
	01)		Machine Tools	8889.58	10280.75	15.65	0.77
	02)		Machinery other than electrical	79959.38	96192.77	20.30	7.18
	03)		Electrical machinery	11556.94	16663.63	44.19	1.24
	04)		Transport equipment	80970.73	59896.54	-26.03	4.47
D)			**PROJECT GOODS**	**5207.90**	**14383.74**	**176.19**	**1.07**
E)			**OTHERS**	**342291.00**	**456654.36**	**33.41**	**34.06**
	01)		Cashew Nuts	1714.75	2671.36	55.79	0.20
	02)		Fruits & Nuts	1858.39	2363.89	27.20	0.18
	03)		Wool raw	1089.52	1031.87	-5.29	0.08
	04)		Silk raw	734.44	900.63	22.63	0.07
	05)		Synth.®.fibres	446.20	631.22	41.47	0.05
	06)		Pulses	5374.94	5864.78	9.11	0.44
	07)		Raw Hides & Skins	348.25	442.40	27.03	0.03
	08)		Leather	1399.04	1658.32	18.53	0.12
	09)		Coal,coke&briquettes	25862.21	45956.18	77.70	3.43

TABLE 8.10 (CONTD.) INDIA'S IMPORT OF PRINCIPAL COMMODITIES GROUPS

Values in Rs. Crores

	Commodity	Apr-Mar 2007-08	Apr-Mar 2008-09(P)	Growth %	Share %
10)	Non-metallic mnl.mfrs.	4213.66	5317.88	26.21	0.40
11)	Other crude minerals	1277.37	1918.04	50.16	0.14
12)	Organic&Inorganic chmls.	39844.49	55917.11	40.34	4.17
13)	Dyeing,tanning matrl.	2999.22	3739.38	24.68	0.28
14)	Medicinal&Pharma.prds.	6730.37	8647.30	28.48	0.65
15)	Artf.resins, etc.	14836.65	17691.07	19.24	1.32
16)	Chemical products	6543.59	9566.10	46.19	0.71
17)	OtherTextile yarn,fabrics,etc	4230.59	4867.80	15.06	0.36
18)	Manufactures of metals	10720.20	14707.80	37.20	1.10
19)	Profl. instruments, etc.	15699.99	20114.01	28.11	1.50
20)	Electronic goods	81366.30	106471.38	30.85	7.94
21)	Wood and wood products	5456.60	6031.29	10.53	0.45
22)	Gold & Silver	71933.53	85927.63	19.45	6.41
23)	Tea	130.95	195.29	49.13	0.01
24)	Wollen Yarn and Fabrics	190.05	171.81	-9.60	0.01
25)	Cotton yarn and fabrics	1283.61	1197.24	-6.73	0.09
26)	Man made f'mnt spun yarn	2572.89	2983.08	15.94	0.22
27)	Made up textile articles	396.98	1021.38	157.29	0.08
28)	Ready made garments(wov.)	453.80	625.01	37.73	0.05
29)	Silk yarn and fabrics	833.07	812.74	-2.44	0.06
30)	Milk & Cream	28.96	34.95	20.69	0.00
31)	Spices	973.64	1058.09	8.67	0.08
32)	Oil seeds	149.32	130.13	-12.85	0.01
33)	Jute raw	148.01	71.21	-51.89	0.01
34)	Woollen & Cotton rags	96.03	90.62	-5.64	0.01
35)	Veg. & animal fats	12.48	12.07	-3.28	0.00
36)	Cottow raw and waste	912.14	1690.22	85.30	0.13
37)	Essential oils & Cos.prep	901.23	1255.81	39.34	0.09
38)	Cement	218.16	342.64	57.06	0.03
39)	Computer Soft.physical form	3598.35	5852.18	62.63	0.44
40)	Other Commodities	24711.08	36672.45	48.40	2.74
	Total	**1012311.75**	**1340587.75**	**32.43**	**100.00**

Data Source: DGCIS, Kolkata

TABLE 8.11 INDIA'S EXPORTS OF PRINCIPAL COMMODITY GROUPS

Values in US$ Millions

S.No.	Commodity	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	AGRICULTURAL AND ALLIED PRODUCTS	6710	7533	8475	10214	12674	18441	17534
2	ORES AND MINERALS	1996	2369	5079	6164	6997	9124	7800
3	PETROLEUM AND PETROLIUM PRODUCTS	2577	3568	6989	11640	18664	28377	26830
4	MANUFACTURED PRODUCTS	41437	50373	62993	75074	87928	107070	130468
	TOTAL	**52719**	**63843**	**83536**	**103091**	**126263**	**162984**	**182631**

AGRICULTURAL AND ALLIED PRODUCTS: Tea; Coffee; Rice; Wheat; Others Cereals ; Pulses; Tobacco Unmanufactured and Manufactured; Spices; Cashew incl. CSNL; Sesame & Niger seed; Ground nut; Oil Meals; Guergum Meal; Castor Oil; Shellac; Sugar & Molasses; Fresh Fruits & Vegetables; Fruits/Vegetable seeds; Processed & misc. processed items; Meat & Preparations; Poultry & Dairy Products; Floriculture Products; Spirit & Beverages; Marine products; Cotton raw incl. Waste

ORES AND MINERALS: Iron ore; Mica; Processed Minerals; Other ores & minerals; Coal

PETROLEUM AND PETROLIUM PRODUCTS: Petroleum Products

MANUFACTURED PRODUCTS: Footwear; Leather & mfrs; Gems & Jewellery ; Sports Goods ; Basic chemicals, Pharma & cosmetics; Plastics & Linoleum; Rubber, glass & other products; Residual chemicals & allied products; Machine tools; Machinery & Instruments; Transport equipment; Iron & Steel Bar rod etc; Primary & semi-finished iron & steel; Ferro Alloys; Aluminium other than products; Non ferrous metals; Manufacture of metals; Residual Engineering items; Electronics Goods; Computer Software in physical form; Project Goods; Readymade garments; Cotton, yarn, fabrics, made-ups etc; Manmade textiles & made-ups etc; Natural Silk textiles; Wool & woolen mfrs; Coir & coir mfrs; Jute mfrs; Handicrafts; Hand-made Carpet excl silk; Mill-made Carpet excl silk; Silk carpets; Other Commodities.

Source : Data compiled by the Office of the Economic Adviser, Ministry of Commerce & Industry.

TABLE 8.12 INDIA'S IMPORTS OF PRINCIPAL COMMODITY GROUPS

Values in US$ Millions

S.No.	Commodity	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	CEREALS AND CEREALS PREPARATION	25	19	26	36	1324	706	47
2	FOOD AND LIVE ANIMALS	2924	3683	3893	3699	3989	5067	6215
3	PETROLEUM CRUDE AND PRODUCTS	17640	20570	29844	43963	57099	79684	91291
4	FERTILIZERS	626	721	1377	2127	3142	5409	13577
5	PEARLS, PRECIOUS AND SEMI PRECIOUS STONES	10351	13985	20573	20452	22116	25851	33122
6	RAW MATERIALS & INTERMEDIATES FOR MANUFACTURERS	12807	16913	24795	33189	43888	54425	63955
7	CAPITAL GOODS	14143	18820	25747	38428	47769	71382	71718
8	MISCELLANEOUS	2897	3439	5263	7271	6277	9040	11549
	TOTAL	**61412**	**78150**	**111517**	**149166**	**185604**	**251562**	**291475**

CEREALS & PREPARATIONS: Rice; Wheat; Other cereals; Cereal Preparations

FOOD AND LIVE ANIMALS: Edible Oil; Sugar' Cashew Nuts; Fruits & Nuts; Pulses; Tea; Milk & Cream; Spices

PETROLEUM CRUDE & PRODUCTS: Petroleum crude & products

FERTILIZERS: Crude; Sulphur & Un-roasted pyrites; Manufactured

PEARLS, PRECIOUS & SEMI-PRECIOUS STONES: Gold & Silver; Pearls, Precious & Semi-Precious Stones

RAW MATERIALS & INTERMEDIATES FOR MANUFACTURERS: Pulp & waste paper; Paper board & mfrs; Newsprint; Crude rubber; Non-ferrous metals; Metalliferrous ores & products; Iron & Steel; Wool raw; Silk raw; Synth.&.fibres; Raw Hides & Skins; Leather; Coal, coke & briquettes; Non-metallic mnl. mfrs.; Other crude minerals; Organic & Inorganic chmls.; Dyeing, tanning matrl.; Medicinal & Pharma. prds; Artf. resins, etc. ; Chemical products; OtherTextile yarn, fabrics, etc; Wood and wood products; Woolen Yarn and Fabrics; Cotton yarn and fabrics; Man made f'mnt spun yarn; Silk yarn and fabrics; Oil seeds; Jute raw; Veg. & animal fats; Cotton raw and waste; Essential oils & Cos. prep; Cement

CAPITAL GOODS: Machine tools; machinery other than electrical; electrical machinery; transport equipment; project goods; profl. instruments, etc; electronic goods ; computer soft. physical form

MISCELLANEOUS: Manufactures of metals; Made up textile articles; Ready made garments(wov.); Woollen & Cotton rags ; Other Commodities

Source : Data compiled by the Office of the Economic Adviser, Ministry of Commerce & Industry.

CHAPTER - IX

EMPLOYMENT AND INDUSTRIAL RELATIONS

TABLE 9.1 EMPLOYMENT IN THE PUBLIC SECTOR BY INDUSTRY
(As on March, 31)

(Lakh Persons)

	Item	1981	1991	1995	2000	2002	2003	2004	2005	2006	2007
	1	2	3	4	5	7	8	9	10	11	12
A	**By Branch**										
1	Central Govt.	32.0	34.1	34.0	32.7	32.0	31.3	30.3	29.4	28.6	28.0
2	State Govt.	56.8	71.1	73.6	74.6	73.8	73.7	72.2	72.0	73.0	72.1
3	Quasi Govt.	45.8	62.2	65.2	63.3	60.2	59.0	58.2	57.5	59.1	58.6
4	Local bodies	20.4	23.1	22.0	22.6	21.8	21.8	21.3	21.2	21.2	21.3
	Total	**154.8**	**190.6**	**194.7**	**193.1**	**187.7**	**185.8**	**181.9**	**180.1**	**181.9**	**180.0**
B	**By Industry:**										
0	Agriculture Hunting etc.	4.6	5.6	5.4	5.1	4.8	5.1	4.9	5.0	4.5	4.7
1	Mining and Quarrying	8.2	10.0	10.2	9.2	8.6	8.5	10.3	10.1	11.5	11.4
2&3	Manufacturing	15.0	18.5	17.6	15.3	13.5	12.6	11.9	11.3	10.9	10.9
4	Electricity, Gas and Water	6.8	9.1	9.4	9.5	9.2	9.1	8.7	8.6	8.5	8.5
5	Construction	10.9	11.5	11.6	10.9	10.3	9.5	9.3	9.1	8.9	8.7
6	Wholesale & Retail Trade	1.2	1.5	1.6	1.6	1.6	1.8	1.8	1.8	1.7	1.8
7	Transport, Storage & Comm.	27.1	30.3	31.1	30.8	30.1	29.4	28.2	27.5	26.8	26.4
8	Finance, Insurance, Real Estate etc.	7.5	11.9	12.8	13.0	12.3	13.8	14.1	14.1	11.3	13.7
9	Community Social & Personal Services	73.6	92.3	95.0	97.7	97.4	96.1	92.8	92.5	92.6	90.9
	Total	**154.8**	**190.6**	**194.7**	**193.1**	**187.7**	**185.8**	**181.9**	**180.1**	**178.7**	**176.9**

Source : Ministry of Labour (DGE&T)

TABLE 9.2 EMPLOYMENT IN THE PRIVATE SECTOR BY INDUSTRY
(As on March 31)

(Lakh Persons)

	Industry, Division Brief Description	1981	1991	1995	2000	2002	2003	2004	2005	2006	2007
1		2	3	4	5	6	7	8	9	10	11
0	Agriculture,Hunting etc.	8.6	8.9	8.9	9.0	8.55	8.95	9.2	9.8	10.3	9.5
1	Mining and Quarrying	1.3	1.0	1.0	0.8	0.68	0.66	0.7	0.8	0.9	1.0
2&3	Manufacturing	45.5	44.8	47.1	50.85	48.67	47.44	44.9	44.9	45.5	47.5
4	Electricity Gas and Water	0.4	0.4	0.4	0.4	0.42	0.5	0.5	0.5	0.4	0.5
5	Construction	0.7	0.7	0.5	0.6	0.56	0.44	0.5	0.5	0.5	0.7
6	Wholesale and Retail Trade	2.8	3.0	3.17	3.3	3.35	3.6	3.5	3.8	2.3	4.1
7	Transport , Storage & Communications	0.6	0.5	0.6	0.7	0.76	0.79	0.8	0.9	0.9	1.0
8	Finance, Insurance & Real Estate etc.	1.96	2.5	2.9	3.6	3.91	4.26	4.6	5.2	2.8	8.8
9	Community, Social & Personal Services	12.2	14.9	16.03	17.2	17.42	17.56	17.9	18.2	1.1	19.5
	Total*	**73.95**	**76.8**	**80.6**	**86.46**	**84.32**	**84.21**	**82.5**	**84.5**	**87.7**	**92.4**

Note : * Due to non availability of data as per NIC-1998, information in respect of J & K, Meghalaya, Mizoram Daman & Diu not included in totals

Source : Ministry of Labour (DGE&T).

TABLE 9.3 EMPLOYMENT GENERATED BY KHADI AND VILLAGE INDUSTRIES

Lakh (Persons)

S.No.	Industry	1990-91	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09*
		1	2	3	4	5	6	7	8	9	10
I.	Khadi	14.2	9.6	8.5	8.6	8.6	8.6	8.7	8.8	9.2	9.5
II.	Village Industries	34.4	50.5	54.5	57.9	62.6	68.1	74.1	80.1	90.1	92.9
	Tatal	**48.6**	**60.1**	**62.9**	**66.5**	**71.2**	**76.8**	**82.8**	**88.9**	**99.3**	**102.4**

Note: *Provisional

Source : KVIC Annual Report 2008-09

TABLE 9.4 SECTOR-WISE SHARE OF EMPLOYMENT BY CURRENT DAILY STATU

(CDS basis) (%)

Sl. No.	Industry	1983	1993-94	1999-2000	2004-05	2006-07
1	2	3	4	5	6	7
1	Agriculture	65.42	61.03	56.54	52.06	50.19
2	Mining & Quarrying	0.66	0.78	0.67	0.63	0.61
3	Manufacturing	11.27	11.10	12.13	12.90	13.33
4	Electricity, Water, etc.	0.34	0.41	0.34	0.35	0.33
5	Construction	2.56	3.63	4.44	5.57	6.10
6	Trade, Hotels and Restaurant	6.98	8.26	11.20	12.62	13.18
7	Transport & Storage & Communication	2.88	3.22	4.06	4.61	5.06
8	Financing, Insurance, Real Estate and business services	0.78	1.08	1.36	2.00	2.22
9	Community, Social and personal services	9.10	10.50	9.16	9.24	8.97

Source : Planning Commission - Eleventh Plan Document

TABLE 9.5 NUMBER OF MANDAYS LOST IN DISPUTES RESULTING IN WORK STOPPAGES BY SELECTED INDUSTRIES (As per Revised National Industrial Classification-1998)

('000 Nos.)

Ind. Code	Description	2003	2004	2005	2006	2007
1	2	3	4	5	6	7
A	**Agriculture, Hunting & Forestry**	**2926**	**2414**	**5478**	**3001**	**2869**
01	Agriculture, Hunting and Related Service Activities	2926	2406	5478	2999	2869
02	Forestry, Logging and Related Services Activities	-	7	-	1	-
B	**Fishing**	-	-	-	-	-
05	Fishing, Operation of Fish Hatcheries & Fish Farms; Services Activities incidental to Fishing	-	-	-	-	-
C	**Mining and Quarrying**	**7633**	**2180**	**2361**	**223**	**115**
10	Mining of Coal & Lignite; Extraction of Peat	6382	317	498	161	68
11	Extraction of Crude Petroleum & Natural Gas, Service Activities incidental to Oil and Gas Extraction, excluding Surveying	2	19	1	5	46
12	Mining of Uranium and Thorium Ores	-	-	-	-	-
13	Mining of Metal Ores	8	4	19	37	-
14	Other Mining and Quarrying	1241	1840	1842	19	1
D	**Manufacturing**	**17638**	**17262**	**19327**	**14171**	**23433**
15	Manufacture of Food Products and Beverages	362	331	412	150	131
16	Manufacture of Tobacco Products	94	139	138	7	136
17	Manufacture of Textiles	12606	12129	13536	9624	20085
18	Manufacture of Wearring Apparel; Dressing & Dyeing of Fur	2	-	@	29	45
19	Tanning & Dressing of Leather; Manufacture of Luggage, Hand Bags, Saddlery, Harness and Footwear	23	23	155	520	84
20	Manufacture of Wood and of Products of Wood and Cork, except Furniture; Manufacture of Articles of Straw and Plaiting Materials	113	100	114	66	106
21	Manufacture of Paper and Paper Products	79	119	161	150	52
22	Publishing, Printing and Reproduction of Recorded Media	15	20	15	15	15
23	Manufacture of Coke, Refined Petroleum Products and Nuclear Fuel	144	122	139	40	6
24	Manufacture of Chemicals and Chemical Products	398	470	495	451	285
25	Manufacture of Rubber & Plastic Products	535	674	943	268	118
26	Manufacture of Other Non-Metallic Mineral Products	309	298	377	68	167
27	Manufacture of Basic metals	669	623	851	568	548
28	Manufacture of Fabricated metal Products, except Machinery & Equipment	836	236	343	161	194

TABLE 9.5 (CONTD.) NUMBER OF MANDAYS LOST IN DISPUTES RESULTING IN WORK STOPPAGES BY SELECTED INDUSTRIES
(As per Revised National Industrial Classification-1998)

('000 Nos.)

Ind. Code	Description	2003	2004	2005	2006	2007
1	2	3	4	5	6	7
29	Manufacture of Machinery & Equipment Not Elsewhere Classified	83	450	360	584	394
30	Manufacture of Electrical Machinery & Computing Machinery	41	-	-	-	-
31	Manufacture of Electrical Machinery & Apparatus (Not elsewhere classified)	31	26	58	42	21
32	Manufacture of Radio, Television & Communication Equipment and Apparatus	22	22	3	10	5
33	Manufacture of Medical, Precision & Optical Instruments, Watches & Clocks	129	-	6	22	6
34	Manufacture of Motor Vehicles, Trailers and Semi-Trailers	15	159	159	24	9
35	Manufacture of Other Transport Equipment	847	1093	817	1135	800
36	Manufacture of Furniture; Manufacturing Not Elsewhere Classified	282	228	246	238	227
37	Recycling	-	-	-	-	-
E	**Electricity, Gas & Water Supply**	33	2	52	26	93
F	**Construction**	6	70	13	..	-
G	**Wholesale & Retail Trade, Repair of Motor Vehicles, Motorcycles and Personal & Household Goods**	@	6	22	22	2
H	**Hotels and Restaurants**	55	85	67	49	38
I	**Transport, Storage & Communications**	53	57	98	59	171
J	**Financial Intermediation**	246	1252	1557	2367	115
K	**Real Estate, Renting & Business Activities**	31	10	17	@	28
L	**Public Administration and Defence**	25	4	64	40	-
M	**Education**	-	-	-	-	-
N	**Health and Social Work**	4	11	19	-	1
O	**Other Community Social & Personal Services**	1605	514	592	360	291
P	**Private Households with Employed Persons**	-	-	-	8	10
Q	**Extra Territorial Organizations and Bodies**	-	-	-	-	-
	Total : (Industry Division)	**30256**	**23866**	**29665**	**20324**	**27167**

@ : Less than 500 (-)= Nil ..= Not available

Note: Totals may not tally due to rounding of Figures

Source: Labour Bureau, Shimla

TABLE 9.6 MANDAYS LOST IN DISUTES RESULTING IN WORK STOPPAGFES BY STATES

('000)

State/Union Territory	2002	2003	2004	2005	2006	2007
1	2	3	4	5	6	7
States						
Andhra Pradesh	1718	7129	957	1012	2405	342
Arunachal Pradesh	-	-	-	-	-	-
Assam	20	9	68	112	100	29
Bihar	61	60	146	23	124	60
Chhatishgarh	-	13	29	10	27	4
Goa	17	2	-	-	-	-
Gujarat	102	147	163	187	201	97
Haryana	571	136	158	494	418	48
Himachal Pradesh	20	33	25	23	15	9
Jammu & Kashmir	-	-	-	@	9	@
Jharkhand	@	-	-	-	56	-
Karnataka	322	140	217	458	286	94
Kerala	6961	568	469	3619	463	227
Madhya Pradesh	5	113	55	85	119	12
Maharashtra	633	547	1347	1433	449	1
Manipupr	6	10	52	19	-	-
Meghalaya	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	5	237	72	122	159	10
Punjab	220	314	310	33	110	49
Rajasthan	1308	1308	1333	1927	1335	953
Sikkim	-	-	-	-	-	-
Tamil Nadu	1563	939	638	661	720	1411
Trippura	-	-	-	-	-	-
Uttarakhand	10	21	33	39	46	25
Uttar Pradesh	110	98	185	133	503	42
West Bengal	12911	18412	17565	19216	12521	23738
Union Territories						
A & N Islands	-	-	-	-	-	6
Chandigarh	21	19	12	47	105	-
Dadra & Nagar Haveli	-	-	-	-	-	11
Delhi	-	2	32	10	154	-
Daman & Diu	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-
Puducherry	-	-	-	-	-	-
Total	**26586**	**30256**	**23866**	**29665**	**20324**	**27167**

@ = less than 500 (-) = Nil N.A. = Not available

Source: Labour Bureau, Shimla.

TABLE 9.7 PER CAPITA EMOLUMENTS OF PUBLIC SECTOR EMPLOYEES AND IN RELATOION TO INCREASE IN AVERAGE ALL-INDIA CONSUMER PRICE INDEX (1960=100)

Year	Employments (Lakh)	Emoluments (Rs. Crore)	Per capita Emoluments (Rupees)	Increase over 1971-72 in per capital (Per cent)	Comsumer Price Index (1960=100)	Increase over 1971-72 (Per cent)
1	2	3	4	5	6	7
1971-72	7.01	415	5920	-	192	-
1972-73	9.32	541	5805	1.94	207	7.81
1973-74	13.44	749	5573	-5.86	250	30.21
1974-75	14.32	1060	7402	25.03	317	65.10
1975-76	15.04	1352	8983	51.74	313	63.02
1976-77	15.75	1408	8940	51.01	301	56.77
1977-78	16.38	1646	10048	69.73	324	68.75
1978-79	17.03	1908	11210	89.36	331	72.40
1979-80	17.75	2213	12468	110.61	360	87.50
1980-81	18.39	2619	14239	140.52	401	108.85
1981-82	19.39	3133	16158	172.94	451	134.90
1982-83	20.24	3649	18029	204.54	486	153.13
1983-84	20.72	4485	21549	264.00	547	184.90
1984-85	21.07	5126	24328	310.95	582	203.13
1985-86	21.54	5576	25887	337.28	620	222.92
1986-87	22.11	6371	28820	386.82	674	251.04
1987-88	22.14	7193	32537	449.61	736	283.33
1988-89	22.09	8683	39415	565.79	803	318.23
1989-90	22.36	9742	43665	637.58	855	345.31
1990-91	22.19	10912	49179	730.73	951	395.31
1991-92	21.79	12311	56508	854.52	1079	461.98
1992-93	21.52	13983	64983	997.69	1185	517.19
1993-94	20.70	14913	72043	1116.94	1272	562.50
1994-95	20.62	17015	82517	1293.87	1402	630.21
1995-96	20.52	21931	106876	1705.34	1542	703.13
1996-97	20.08	22219	110662	1769.29	1687	778.65
1997-98	19.59	25385	129582	2088.89	1803	839.06
1998-99	19.00	26254	138179	2234.10	2039	961.98
1999-00	18.06	30402	168339	2743.56	2109	998.44
2000-01	17.40	38223	219672	3610.67	2190	1440.62
2001-02	19.92*	38556	193554	3169.49	2284	1089.58
2002-03	18.66	42169	225986	3717.33	2375	1136.98
2003-04	17.62	43919	248481	4097.31	2467	1184.89
2004-05	17.00	48629	286053	4731.97	2561	1236.48
2005-06	16.49	46841	284057	4698.26	2674	1292.71
2006-07	16.14	52586	325869	5404.54	2853	1385.94
2007-08	15.70	64306	409609	6819.07	3030	1478.12

* During the Year 2001-02, BSNL has been included in the survey.

Source: Deparment of Public Enterprises.

CHAPTER - X

NATIONAL INCOME AND RELATED MACRO-ECONOMIC AGGREGATES

TABLE NO. 10.1 SELECTED ECONOMIC INDICATORS

S.No.	Indicators	Unit/Base	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08(Q)	2008-09®
1	2	3	4	5	6	7	8	9	10	11	12
1	Gross National Product at factor cost										
	a) at current prices	Rs. Crore	1902284	2077658	2244725	2517462	2855326	3256269	3749607	4297047	4906167
	b) at constant 1999-2000 prices	Rs. Crore	1841873	1952467	2030419	2203258	2367683	2595441	2849856	3114864	3323648
2	Net National Product at factor cost										
	a) at current prices	Rs. Crore	1700466	1849361	1994217	2237414	2526285	2875958	3312569	3787596	4326384
	b) at constant 1999-2000 prices	Rs. Crore	1648018	1743998	1806734	1961817	2105184	2308015	2533450	2764795	2941971
3	Per Capita Net National Product at factor cost										
	a) at current prices	Rupees	16688	17782	18885	20871	23198	26003	29524	33283	37490
	b) at constant 1999-2000 prices	Rupees	16173	16769	17109	18301	19331	20868	22580	24295	25494
4	Gross Domestic Savings as percentage of GDP at market prices		23.7	23.5	26.3	29.8	31.7	34.2	35.7	37.7	
5	Gross Domestic Capital Formation as percentage of GDP at market prices		24.3	22.8	25.2	27.2	32.1	35.5	36.9	39.1	
6	Index of Industrial Production	1993-94=100	105.0	107.8	114.1	122.0	132.3	143.1	159.5	173.1	
7	Index of Agricultural Production (Titannium Ending (1981-82=100)		165.7	179.1	150.1	182.9	177.3	191.8	200.7	207.1	184.8
8	Foodgain Production	Mill. Tonnes	196.8	212.9	174.8	213.2	198.4	208.6	217.3	230.8	233.9
9	Money Supply (end of March)										
	a) M 1 (Variation)	Rs. Crore	37653	43393	50738	105135	71074	141568*	141540	187882	97347
	b) M 3 (Variation)	Rs. Crore	189046	185135	219605	287716	240001	392625*	590549	707815	746136
10	Foreign Currency Assets end of March	Rs. Crore	184482	249118	341476	466215	593121	647327	836597	1196023	1231340
11	Prices :										
	a) Wholesale Price Index	1993-94=100	155.7	161.3	166.8	175.9	187.3	195.5	206.1	215.9	233.9
	b) Consumer Price Index for Industrial Workers	1982=100	445	468	487	504	525	551@	127	137	148
	c) Consumer Price Index for Agricultural Labourers	July-June 1986-87=100	300	309	324	332	340	358	392	423	463
	d) Consumer Price Index for Urban Non-Manual Employees	1984-85=100	377	395	410	424	441	463	498	528	577

(Q): Quick Estimates ®: Revised, * Variation for 2005-06 is worked out from April 1, 2005.
@: The current series of CPI for Industrial workers with 2001 base was introduced w.e.f January, 2006 Index. The earlier series on base 1982=100 was simultaneously discontinued. The conversion factor from the current to the old series is 4.63.

TABLE 10.1 (CONTD.) SELECTED ECONOMIC INDICATORS

S.No.	Indicators	Unit/Base	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08(Q)	2008-09®
1	2	3	4	5	6	7	8	9	10	11	12
12	Foreign Trade :										
	a) Imports	Rs. Crore	230873	245200	297206	359108	501065	660409	840506	1012312	1305503
	b)Exports (including re-export)	Rs. Crore	203571	209018	255137	293367	375340	456418	571779	655864	766935
	c) Balance of trade	Rs. Crore	(-)27302	(-)36182	(-)42069	(-)65741	(-)125725	(-)203991	(-)268727	(-)356448	(-)538568
13	Investment Climate :										
	a) Financial Assistance sanctioned by All Financial Institutions	Rs. Crore	108447.4	72222.0	29138.0	57661.9	69959.0	27666.0	31259.0	58732.0	99988.0
	b) Financial Assistance disbursed by All Financial Institutions	Rs. Crore	66866.8	56954.0	25848.0	41406.0	50142.1	21146.0	38652.0	46028.0	88973.0
	c) BSE Sensitive Index (Annual Averages)	1978-79=100	4269.7	3332.0	3206.3	4492.2	5741.0	8278.6	12277.3	16568.9	12365.6
			1991	2001	2002	2003*	2004	2005	2006	2007	2008
	d) Letters of Intent issued	Nos.	195	117	89	116	100	135	110	93	106
	e) Industrial Licences issued	Nos.	251	51	46	58	40	28	18	20	12
	f) Industrial Enterpreneure Memorandum with SIA	Nos.	3084	2981	3172	3875	5118	6203	6260	3725	3979
	g) Foreign Collaboration (approvals)	Nos.	950	2270	2273	1874	1551	526	336	383	
14	Employment in the organised Sector (as at the end of March)		2000	2001	2002	2003	2004	2005	2006	2007	2008
	a) Public Sector	Lakh Persons	193.1	191.4	187.7	185.8	181.9	180.1	181.9	180.0	
	b) Private Sector	Lakh Persons	86.5	86.5	84.3	84.2	82.5	84.5	87.7	92.4	
15	No. of Employment Exch. at the end of December	Th. Number	958	938	939	945	947	947	947	965	
16	Number of persons on the live register at the end of December	Th. Number	41344	41996	41171	41389	40458	39348	41466	39974	

*: LOI+DIL

Source: Central Statistical Organisation, Reserve Bank of India, Ministry of Finance, Ministry of Agriculture, Ministry of Labour, Department of IP&P, D.G.T.D., Planning Commission., Industrial Development Bank of India.

TABLE 10.2 NATIONAL PRODUCT, CONSUMPTION EXPENDITURE, SAVING AND CAPITAL FORMATION

at current prices 2005-06	2006-07@	2007-08*		*item*	*at constant (1999-00 prices)* 2005-06	2006-07@	2007-08*
				A. ESTIMATES AT AGGREGATE LEVEL			
			1	***NATIONAL PRODUCT (Rs. Crore)***			
3256269	3749607	4297047	1.1	Gross National Product	2595441	2849856	3114864
(14.0)	(15.2)	(14.6)		(GNP) at factor cost	(9.6)	(9.8)	(9.3)
2875958	3312569	3787596	1.2	Net National Product (NNP) at factor			
				cost i.e. National Income	2308015	2533450	2764795
(13.8)	(15.2)	(14.3)			(9.6)	(9.8)	(9.1)
3560627	4099396	4699555	1.3	GNP at market prices	2824282	3098767	3387863
(13.9)	(15.1)	(14.6)			(9.4)	(9.7)	(9.3)
3180316	3662358	4190104	1.4	NNP at market prices	2536856	2782361	3037794
(13.7)	(15.2)	(14.4)			(9.4)	(9.7)	(9.2)
			2	***DOMESTIC PRODUCT (Rs. Crore)***			
3282385	3779385	4320892	2.1	Gross Domestic Product (GDP)	2616101	2871118	3129717
(14.1)	(15.1)	(14.3)		at factor cost	(9.5)	(9.7)	(9.0)
2902074	3342347	3811441	2.2	Net Domestic Product (NDP)	2328675	2554712	2779648
(13.9)	(15.2)	(14.0)		at factor cost	(9.5)	(9.7)	(8.8)
3586743	4129174	4723400	2.3	GDP at market prices	2844942	3120029	3402716
(13.9)	(15.1)	(14.4)			(9.3)	(9.7)	(9.1)
3206432	3692136	4213949	2.4	NDP at matket prices	2557516	2803623	3052647
(13.7)	(15.1)	(14.1)			(9.3)	(9.6)	(8.9)
			3	**DISPOSABLE INCOME @@ (Rs. Crore)**			
3288881	3788446	4353813	3.1	Net National Disposable Income			
(13.8)	(15.2)	(14.9)					
2806427	3182710	3592172	3.2	Personal Disposable Income			
(12.5)	(13.4)	(12.9)					
			4	**CONSUMPTION EXPENDITURE (Rs. Crore)**			
2064296	2319826	2605859	4.1	Private Final Consumption Expenditure			
				(PFCE) in the domestic market	1692194	1800874	1946780
(11.7)	(12.4)	(12.3)			(6.8)	(6.4)	(8.1)
375562	421546	479099	4.2	Govt. Final Consumption			
				Expenditure (GFCE)	293265	309293	332033
(11.1)	(12.2)	(13.7)			(6.2)	(5.5	(7.4)
			5	***DOMESTIC SAVING*** @@			
			5.1	Total (Rs. crore)			
1228026	1475108	1779614		5.1.1 Gross			
(23.1)	(20.1)	(20.6)					
847714	1038071	1270165		5.1.2 Net			
(26.7)	(22.5)	(22.4)					

TABLE 10.2 (CONTD.) NATIONAL PRODUCT, CONSUMPTION EXPENDITURE, SAVING AND CAPITAL FORMATION

at current prices 2005-06	2006-07@	2007-08*	*item*	*at constant (1999-00 prices)* 2005-06	2006-07@	2007-08*
			5.2 Rates** (per cent)			
34.2	35.7	37.7	5.2.1 Gross			
26.4	28.1	30.1	5.2.2 Net			
			6 CAPITAL FORMATION			
			6.1 Total (Rs. crore)			
1272630	1521805	1845513	6.1.1 Gross	948480	1073783	1231244
(25.9)	(19.6)	(21.3)		(19.5)	(13.2)	(14.7)
892318	1084768	1336064	6.1.2 Net	661054	757377	881177
(30.8)	(21.6)	(23.2)		(24.5)	(14.6)	(16.3)
			6.2 Rates** (per cent)			
35.5	36.9	39.1	6.2.1 Gross	33.3	34.4	36.2
27.8	29.4	31.7	6.2.2 Net	25.8	27.0	28.9
			B. ESTIMATES AT PER CAPITA LEVEL			
1106	1122	1138	Population *** (in million)			
(1.6)	(1.4)	(1.4)				
			1 INCOME (Rs.)			
26003	29524	33283	1.1 Per capita NNP at factor cost			
			(per capita national income)	20868	22580	24295
(12.1)	(13.5)	(12.7)		(8.0)	(8.2)	(7.6)
25375	28366	31566	1.2 Per capita personal disposable income			
(10.8)	(11.8)	(11.3)				
			2 CONSUMPTION EXPENDITURE (Rs.)			
18665	20676	22899	Per capita PFCE in the domestic market	15300	16051	17107
(10.0)	(10.8)	(10.8)		(5.1)	(4.9)	(6.6)

N.B. Figures within parentheses indicate percentage change over the previous year

@ Provisional estimates

@@ The estimates are prepared only at current prices

* Quick estimates

** As per cent of domestic product at market prices

*** Estimates for mid financial year (as on 1st October)

Source: Central Statistical Organisation

TABLE 10.3 GROSS DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY

(Rs. crore)

at current prices				*industry*	at constant (1999-00) prices		
2005-06	2006-07@	2007-08*			2005-06	2006-07@	2007-08*
625635	**686045**	**782597**	**1**	**agriculture, forestry & fishing**	**511114**	**531315**	**557122**
567897	625161	718278	1.1	agriculture	467984	487010	511274
26481	27904	29069	1.2	forestry & logging	19536	20005	20432
31257	32980	35250	1.3	fishing	23594	24300	25416
94533	**106024**	**117431**	**2**	**mining & quarrying**	**55164**	**60038**	**61999**
519743	**617648**	**705130**	**3**	**manufacturing**	**393842**	**440193**	**476303**
360409	428533	488578	3.1	registered	268100	299329	321985
159334	189115	216552	3.2	unregistered	125742	140864	154318
65505	**70455**	**76066**	**4**	**electricity, gas & water supply**	**57513**	**60544**	**63730**
264173	**319180**	**376266**	**5**	**construction**	**183868**	**205543**	**226325**
535086	**626248**	**719261**	**6**	**trade, hotels & restaurants**	**409255**	**451910**	**497685**
486159	566396	648691	6.1	trade	371568	408235	449001
48927	59852	70570	6.2	hotels & restaurants	37687	43675	48684
274784	**320849**	**371447**	**7**	**transport, storage & communication**	**281144**	**326985**	**377713**
30771	37416	43754	7.1	railways	30731	33800	36941
178621	204570	232012	7.2	transport by other means	138371	150524	162132
2269	2533	2615	7.3	storage	1716	1770	1746
63123	76330	93066	7.4	communication	110326	140891	176894
452469	**524019**	**594096**	**8**	**financing, insurance, real estate & business services**	**359888**	**409472**	**457584**
180519	212658	241377	8.1	banking & insurance	159881	192329	221884
271950	311361	352719	8.2	real estate, ownership of dwellings & business services	200007	217143	235700
450457	**508917**	**578598**	**9**	**community, social & personal services**	**364313**	**385118**	**411256**
190014	210664	233681	9.1	public administration & defence	149473	155453	162034
260443	298253	344917	9.2	other services	214840	229665	249222
3282385	**3779385**	**4320892**	**10**	**total gross domestic product at factor cost**	**2616101**	**2871118**	**3129717**

@ provisional estimates
* quick estimates

Source: Central Statistical Organisation.

TABLE 10.4 GROSS DOMESTIC PRODUCT AT FACTOR COST BY ECONOMIC ACTIVITY (PERCENTAGE CHANGE OVER THE PREVIOUS YEAR)

at current prices			*industry*		at constant (1999-00) prices		
2005-06	2006-07@	2007-08*			2005-06	2006-07@	2007-08*
13.3	**9.7**	**14.1**	**1**	**agriculture, forestry & fishing**	**5.8**	**4.0**	**4.9**
13.3	10.1	14.9	1.1	agriculture	6.0	4.1	5.0
13.4	5.4	4.2	1.2	forestry & logging	1.3	2.4	2.1
13.0	5.5	6.9	1.3	fishing	7.3	3.0	4.6
11.5	**12.2**	**10.8**	**2**	**mining & quarrying**	**4.9**	**8.8**	**3.3**
14.6	**18.8**	**14.2**	**3**	**manufacturing**	**9.1**	**11.8**	**8.2**
15.3	18.9	14.0	3.1	registered	9.3	11.6	7.6
13.0	18.7	14.5	3.2	unregistered	8.6	12.0	9.6
9.4	**7.6**	**8.0**	**4**	**electricity, gas & water supply**	**5.1**	**5.3**	**5.3**
24.1	**20.8**	**17.9**	**5**	**construction**	**16.2**	**11.8**	**10.1**
16.0	**17.0**	**14.9**	**6**	**trade, hotels & restaurants**	**10.3**	**10.4**	**10.1**
15.6	16.5	14.5	6.1	trade	9.8	9.9	10.0
20.0	22.3	17.9	6.2	hotels & restaurants	14.6	15.9	11.5
12.3	**16.8**	**15.8**	**7**	**transport, storage & communication**	**14.9**	**16.3**	**15.5**
3.8	21.6	16.9	7.1	railways	8.8	10.0	9.3
12.1	14.5	13.4	7.2	transport by other means	8.3	8.8	7.7
5.0	11.6	3.2	7.3	storage	1.2	3.1	-1.4
17.8	20.9	21.9	7.4	communication	26.8	27.7	25.6
11.7	**15.8**	**13.4**	**8**	**financing, insurance, real estate & business services**	**11.4**	**13.8**	**11.7**
7.6	17.8	13.5	8.1	banking & insurance	14.2	20.3	15.4
14.6	14.5	13.3	8.2	real estate, ownership of dwellings & business services	9.2	8.6	8.5
11.8	**13.0**	**13.7**	**9**	**community, social & personal services**	**7.1**	**5.7**	**6.8**
9.5	10.9	10.9	9.1	public administration & defence	4.9	4.0	4.2
13.5	14.5	15.6	9.2	other services	8.6	6.9	8.5
14.1	**15.1**	**14.3**	**10**	**total gross domestic product at factor cost**	**9.5**	**9.7**	**9.0**

@ provisional estimates * quick estimates

Source: Central Statistical Organisation

TABLE NO. 10.5 GROSS NATIONAL PRODUCT AND NET NATIONAL PRODUCT (i.e. National Income)

Year	Gross National Product at factor cost (Rs. crore)		Net National Product at factor cost (Rs. crore)		Per Capital Net National Product (Rs.)		Index Number of Net National Product (1999-00=100)		Index Number of Per Capital Net National Product (1999-00=100)	
	At current prices	At 1999-2000 prices	At current prices	At 1999-2000 prices	At current prices	At 1999-2000 prices	At current prices	At 1999-2000 prices	At current prices	At 1999-2000 prices
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1999-00	1771095	1771095	1589673	1589673	15881	15881	17369.2	775.7	6229.4	278.2
2000-01	1902284	1841873	1700466	1648018	16688	16173	18579.7	804.2	6545.9	283.3
2001-02	2077658	1952467	1849361	1743998	17782	16769	20206.6	851.0	6975.0	293.8
2002-03	2244725	2030419	1994217	1806734	18885	17109	21789.3	881.7	7407.7	299.7
2003-04	2517462	2203258	2237414	1961817	20871	18301	24446.5	957.3	8186.7	320.6
2004-05	2855326	2367683	2526285	2105184	23198	19331	27602.8	1027.3	9099.5	338.7
2005-06	3256269	2595441	2875958	2308015	26003	20868	31423.4	1126.3	10199.7	365.6
2006-07	3749607	2849856	3312569	2533450	29524	22580	36193.9	1236.3	11580.9	395.6
2007-08(Q)	4297047	3114864	3787596	2764795	33283	24295	41384.2	1349.2	13055.3	425.6
2008-09®	4906167	3323648	4326384	2941971	37490	25494	47271.1	1435.6	14705.5	446.6

@ provisional estimates * quick estimates

Source: Central Statistical Organisation.

TABLE NO. 10.6 GROSS NATIONAL PRODUCT AND NET NATIONAL PRODUCT (i.e. National Income) (ANNUAL GROWTH RATES)

Year	Gross National Product at factor cost		Net National Product at factor cost		Per Capital Net National Product	
	At current Prices	At 1999-2000 prices	At current Prices	At 1999-2000 prices	At current Prices	At 1999-2000 prices
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2000-01	7.4	4.0	7.0	3.7	5.1	1.8
2001-02	9.2	6.0	8.8	5.8	6.6	3.7
2002-03	8.0	4.0	7.8	3.6	6.2	2.0
2003-04	12.2	8.5	12.3	8.7	10.5	7.0
2004-05	13.4	7.5	12.9	7.3	11.1	5.6
2005-06	14.0	9.6	13.8	9.6	12.1	8.0
2006-07	15.2	9.8	15.2	9.8	13.5	8.2
2007-08(Q)	14.6	9.3	14.3	9.1	12.7	7.6
2008-09®	14.2	6.7	14.2	6.4	12.6	4.9

@ Quick *** Revised Estimates**

Source: Central Statistical Organisation.

TABLE 10.7 PLAN-WISE NATIONAL INCOME - ANNUAL GROWTH RATES (PERCENTAGE)

		GNP at Factor Cost		NNP at Factor Cost		Per Capita NNP at Factor Cost	
Plan Period		**At Current Prices**	**At 1999-00 Prices**	**At Current Prices**	**At 1999-00 Prices**	**At Current Prices**	**At 1999-00 Prices**
1		**2**	**3**	**4**	**5**	**6**	**7**
First Plan	1951-56	1.8	3.7	2.0	4.4	0.2	2.6
Second Plan	1956-61	9.5	4.2	9.4	4.0	7.3	2.0
Third Plan	1961-66	9.6	2.8	9.6	2.6	7.2	0.4
Annual Plans	1966-69	12.2	3.9	12.3	3.9	9.9	1.6
Fourth Plan	1969-74	11.1	3.4	10.8	3.1	8.3	0.8
Fifth Plan	1974-79	10.7	5.0	10.3	4.9	7.9	2.6
Annual Plan	1979-80	9.4	-5.0	8.3	-6.0	5.7	-8.2
Sixth Plan	1980-85	15.3	5.4	15.2	5.4	12.8	3.1
Seventh Plan	1985-90	14.1	5.5	13.8	5.5	11.4	3.3
Annual Plan	1990-91	16.3	5.0	16.8	5.2	14.4	3.1
Annual Plan	1991-92	15.1	1.4	14.4	0.9	12.1	-1.1
Eighth Plan	1992-97	16.4	6.6	16.5	6.6	14.2	4.5
Ninth Plan	1997-99	13.3	5.6	13.4	5.5	11.3	3.5
	2000-02	8.3	5.0	7.9	4.7	5.8	2.7
Tenth Plan	2002-07	12.6	7.9	12.4	7.8	10.7	6.2
Average	**1951-99**	**11.4**	**4.3**	**11.3**	**4.3**	**9.0**	**2.1**
	2000-08	**141.8**	**7.3**	**11.5**	**7.2**	**9.7**	**5.5**

Source : Central Statistical Organisation.

TABLE 10.8 PERCENTAGE DISTRIBUTION OF GROSS DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY (Percentage Distribution)

at current prices				*industry*	at constant (1999-00) prices		
2005-06	2006-07@	2007-08*			2005-06	2006-07@	2007-08*
19.1	**18.2**	**18.1**	**1**	**agriculture, forestry & fishing**	**19.5**	**18.5**	**17.8**
17.3	16.5	16.6	1.1	agriculture	17.9	17.0	16.3
0.8	0.7	0.7	1.2	forestry & logging	0.7	0.7	0.7
1.0	0.9	0.8	1.3	fishing	0.9	0.8	0.8
2.9	**2.8**	**2.7**	**2**	**mining & quarrying**	**2.1**	**2.1**	**2.0**
15.8	**16.3**	**16.3**	**3**	**manufacturing**	**15.1**	**15.3**	**15.2**
11.0	11.3	11.3	3.1	registered	10.2	10.4	10.3
4.9	5.0	5.0	3.2	unregistered	4.8	4.9	4.9
2.0	**1.9**	**1.8**	**4**	**electricity, gas & water supply**	**2.2**	**2.1**	**2.0**
8.0	**8.4**	**8.7**	**5**	**construction**	**7.0**	**7.2**	**7.2**
16.3	**16.6**	**16.6**	**6**	**trade, hotels & restaurants**	**15.6**	**15.7**	**15.9**
14.8	15.0	15.0	6.1	trade	14.2	14.2	14.3
1.5	1.6	1.6	6.2	hotels & restaurants	1.4	1.5	1.6
8.4	**8.5**	**8.6**	**7**	**transport, storage & communication**	**10.7**	**11.4**	**12.1**
0.9	1.0	1.0	7.1	railways	1.2	1.2	1.2
5.4	5.4	5.4	7.2	transport by other means	5.3	5.2	5.2
0.1	0.1	0.1	7.3	storage	0.1	0.1	0.1
1.9	2.0	2.2	7.4	communication	4.2	4.9	5.7
13.8	**13.9**	**13.7**	**8**	**financing, insurance, real estate & business services**	**13.8**	**14.3**	**14.6**
5.5	5.6	5.6	8.1	banking & insurance	6.1	6.7	7.1
8.3	8.2	8.2	8.2	real estate, ownership of dwellings & business services	7.6	7.6	7.5
13.7	**13.5**	**13.4**	**9**	**community, social & personal services**	**13.9**	**13.4**	**13.1**
5.8	5.6	5.4	9.1	public administration & defence	5.7	5.4	5.2
7.9	7.9	8.0	9.2	other services	8.2	8.0	8.0
100	**100**	**100**	**10**	**total gross domestic product at factor cost**	**100**	**100**	**100**

@ provisional estimates * quick estimates

Source: Central Statistical Organisation

TABLE 10.9 PRIVATE FINAL CONSUMPTION EXPENDITURE BY OBJECT IN DOMESTIC MARKET

(Rs. crore)

at current prices				*item*	*at 1999-2000 prices*		
2005-06	2006-07@	2007-08*			2005-06	2006-07@	2007-08*
873,064	**977,717**	**1,099,504**	**1**	**food, beverages & tobacco**	**740,444**	**774,157**	**823,847**
738,774	816,250	910,468	1.1	food	626,632	643,684	680,101
179,567	204,213	224,636	1.1.1	cereals & bread	176,759	179,522	187,095
23,846	29,980	30,712	1.1.2	pulses	19,213	19,943	21,133
36,841	38,425	36,434	1.1.3	sugar & gur	30,086	30,810	33,031
42,713	44,598	53,439	1.1.4	oils & oilseeds	35,099	34,489	35,213
178,441	192,117	219,703	1.1.5	fruits & vegetables	131,000	136,999	150,301
19,616	20,457	28,030	1.1.6	potato & other tubers	10,512	9,968	12,165
142,187	154,492	172,941	1.1.7	milk & milk products	113,841	116,334	120,098
77,266	85,728	96,646	1.1.8	meat, egg & fish	63,706	67,726	72,430
8,340	8,283	6,916	1.1.9	coffee, tea & cocoa	11,891	11,476	10,979
29,957	37,957	41,011	1.1.10	spices & other food	34,525	36,417	37,656
43,848	54,775	65,435	1.2	beverages, pan & intoxicants	45,467	53,624	60,137
40,011	44,548	49,967	1.3	tobacco & its products	30,313	32,440	32,782
50,431	62,144	73,634	1.4	hotel & restaurants	38,032	44,409	50,827
97,709	**103,452**	**111,189**	**2**	**clothing & footwear**	**89,720**	**93,124**	**101,122**
87,255	93,441	99,565	2.1	clothing	80,042	83,455	90,360
10,454	10,011	11,624	2.2	footwear	9,678	9,669	10,762
252,386	**269,474**	**287,761**	**3**	**gross rent, fuel & power**	**171,949**	**177,083**	**183,030**
165,975	178,393	190,647	3.1	gross rent & water charges	116,114	119,189	122,348
86,411	91,081	97,114	3.2	fuel & power	55,835	57,894	60,682
76,496	**90,902**	**104,669**	**4**	**furniture, furnishings, appliances & services**	**63,953**	**71,344**	**78,382**
61,367	73,579	84,907	4.1	furniture, furnishings & household equipment etc.	51,615	58,153	64,278
15,129	17,323	19,762	4.2	services	12,338	13,191	14,104
114,377	**132,014**	**152,296**	**5**	**medical care & health services**	**94,919**	**103,961**	**111,590**
350,499	**403,474**	**442,762**	**6**	**transport & communication**	**270,755**	**294,596**	**316,418**
17,483	19,934	20,768	6.1	personal transport equipment	14,791	16,584	16,857
109,117	124,110	124,033	6.2	operation of personal transport equipment	73,774	76,627	78,703
184,570	206,814	227,425	6.3	purchase of transport services	142,052	150,524	157,706
39,329	52,616	70,536	6.4	communication	40,138	50,861	63,152
84,514	**97,223**	**111,532**	**7**	**recreation, education & cultural services**	**76,154**	**86,014**	**96,473**
48,485	55,145	62,650	7.1	education	41,821	45,608	49,733
36,029	42,078	48,882	7.2	others	34,333	40,406	46,740
215,251	**245,570**	**296,146**	**8**	**miscellaneous goods & services**	**184,300**	**200,595**	**235,918**
2,064,296	**2,319,826**	**2,605,859**	**9**	**private final consumption expenditure in domestic market**	**1,692,194**	**1,800,874**	**1,946,780**

@ provisional estimates * quick estimates

Source: Central Statistical Organisation

TABLE 10.10 PERCENTAGE DISTRIBUTION OF PRIVATE FINAL CONSUMPTION EXPENDITURE BY ITEM IN DOMESTIC MARKET

at current prices				*Item*	*at 1999-00 prices*		
2005-06	2006-07@	2007-08*			2005-06	2006-07@	2007-08*
42.3	**42.1**	**42.2**	**1**	**food, beverages & tobacco**	**43.8**	**43.0**	**42.3**
35.8	35.2	34.9	1.1	food	37.0	35.7	34.9
8.7	8.8	8.6	1.1.1	cereals & bread	10.4	10.0	9.6
1.2	1.3	1.2	1.1.2	pulses	1.1	1.1	1.1
1.8	1.7	1.4	1.1.3	sugar & gur	1.8	1.7	1.7
2.1	1.9	2.1	1.1.4	oils & oilseeds	2.1	1.9	1.8
8.6	8.3	8.4	1.1.5	fruits & vegetables	7.7	7.6	7.7
1.0	0.9	1.1	1.1.6	potato & other tubers	0.6	0.6	0.6
6.9	6.7	6.6	1.1.7	milk & milk products	6.7	6.5	6.2
3.7	3.7	3.7	1.1.8	meat, egg & fish	3.8	3.8	3.7
0.4	0.4	0.3	1.1.9	coffee, tea & cocoa	0.7	0.6	0.6
1.5	1.6	1.6	1.1.10	spices & other food	2.0	2.0	1.9
2.1	2.4	2.5	1.2	beverages, pan & intoxicants	2.7	3.0	3.1
1.9	1.9	1.9	1.3	tobacco & its products	1.8	1.8	1.7
2.4	2.7	2.8	1.4	hotel & restaurants	2.2	2.5	2.6
4.7	**4.5**	**4.3**	**2**	**clothing & footwear**	**5.3**	**5.2**	**5.2**
4.2	4.0	3.8	2.1	clothing	4.7	4.6	4.6
0.5	0.4	0.4	2.2	footwear	0.6	0.5	0.6
12.2	**11.6**	**11.0**	**3**	**gross rent, fuel & power**	**10.2**	**9.8**	**9.4**
8.0	7.7	7.3	3.1	gross rent & water charges	6.9	6.6	6.3
4.2	3.9	3.7	3.2	fuel & power	3.3	3.2	3.1
3.7	**3.9**	**4.0**	**4**	**furniture, furnishings, appliances & services**	**3.8**	**4.0**	**4.0**
3.0	3.2	3.3	4.1	furniture, furnishings & household equipment etc.	3.1	3.2	3.3
0.7	0.7	0.8	4.2	services	0.7	0.7	0.7
5.5	**5.7**	**5.8**	**5**	**medical care & health services**	**5.6**	**5.8**	**5.7**
17.0	**17.4**	**17.0**	**6**	**transport & communication**	**16.0**	**16.4**	**16.3**
0.8	0.9	0.8	6.1	personal transport equipment	0.9	0.9	0.9
5.3	5.3	4.8	6.2	operation of personal transport equipment	4.4	4.3	4.0
8.9	8.9	8.7	6.3	purchase of transport services	8.4	8.4	8.1
1.9	2.3	2.7	6.4	communication	2.4	2.8	3.2
4.1	**4.2**	**4.3**	**7**	**recreation, education & cultural services**	**4.5**	**4.8**	**5.0**
2.3	2.4	2.4	7.1	education	2.5	2.5	2.6
1.7	1.8	1.9	7.2	others	2.0	2.2	2.4
10.4	**10.6**	**11.4**	**8**	**miscellaneous goods & services**	**10.9**	**11.1**	**12.1**
100	**100**	**100**	**9**	**private final consumption expenditure in domestic market**	**100**	**100**	**100**

@ provisional estimates * quick estimates

Source: Central Statistical Organisation.

TABLE 10.11 DOMESTIC SAVING BY TYPE OF INSTITUTION

(at current prices)

(Rs. crore)

	Item	1999-00	2003-04	2004-05	2005-06	2006-07@	2007-08*
1	**gross domestic saving**	**484256**	**820685**	**997873**	**1228026**	**1475108**	**1779614**
1.1	household sector	412516	664064	716874	864653	994898	1150135
1.1.1	financial saving	206602	313260	317546	420974	482822	553289
1.1.2	saving in physical assets	205914	350804	399328	443679	512076	596846
1.2	private corporate sector	87234	127100	212048	276550	342284	416936
1.2.1	joint stock companies $	78114	113368	195910	257490	322798	396929
1.2.2	co-operative banks & societies ++	9120	13732	16138	19060	19486	20007
1.3	public sector	-15494	29521	68951	86823	137926	212543
1.3.1	public authorities	-73967	-85536	-64560	-59205	-33789	22886
1.3.1.1	government administration $$	-99507	-99950	-80810	-78413	-58874	-6726
1.3.1.2	departmental enterprises	25540	14414	16250	19208	25085	29612
1.3.2	non-departmental enterprises	58473	115057	133511	146028	171715	189657
2	**less consumption of fixed capital ****	**181421**	**280048**	**329041**	**380312**	**437037**	**509449**
2.1	household sector	61522	105488	127283	148359	170405	196923
2.2	private corporate sector	46198	77802	92956	111875	135629	166510
2.3	public sector	73701	96758	108802	120078	131003	146016
3	**net domestic saving**	**302835**	**540637**	**668832**	**847714**	**1038071**	**1270165**
3.1	household sector (1.1-2.1)	350994	558576	589591	716294	824493	953212
3.2	private corporate sector (1.2-2.2)	41036	49298	119092	164675	206655	250426
3.3	public sector (1.3-2.3)	-89195	-67237	-39851	-33255	6923	66527
4	**net capital inflow *****	**21988**	**-61359**	**13338**	**44604**	**46698**	**65899**
5	**finances for gross capital formation (1+4)**	**506244**	**759326**	**1011211**	**1272630**	**1521806**	**1845513**

@ provisional estimates * quick estimates

** Estimated from the value of fixed capital stock and expected age of various types of assets and differs from the provisions for depreciation as per books of accounts.

*** Net capital inflow from abroad is the deficit of the nation on current account in the Balance of Payment Accounts excluding official transfer payments.

++ Includes quasi corporate bodies

$ Excluding reinvested earnings of foreign companies

$$ Includes public services in quasi-government bodies

Source: Central Statistical Organisation.

TABLE 10.12 CAPITAL FORMATION BY TYPE OF ASSETS AND BY TYPE OF INSTITUTION

(Rs. crore)

at current prices				*item*	*at constant 1999-00 prices*		
2005-06	2006-07@	2007-08*			2005-06	2006-07@	2007-08*
1248889	**1502508**	**1829346**	**1**	**gross capital formation**	**930738**	**1060108**	**1220412**
271835	329679	429014	1.1	public sector	202935	232844	290032
491983	611044	749894	1.2	private corporate sector	373165	441866	513210
443679	512076	596846	1.3	household sector	321498	347307	378052
41392	49709	53591	1.4	valuables+	33140	38091	39118
1112602	**1343843**	**1605440**	**2**	**gross fixed capital formation**	**831470**	**952344**	**1075632**
250577	313859	393336	2	public sector	190417	227195	271917
172252	213573	269394	2.1.1	construction	132632	155693	184401
78325	100286	123942	2.1.2	machinery & equipment	57785	71502	87516
427573	529948	633328	2.2	private corporate sector	326911	386793	438523
133303	148222	159182	2.2.1	construction	92124	95381	95835
294270	381726	474147	2.2.2	machinery & equipment	234787	291412	342688
434452	500036	578775	2.3	household sector	314142	338356	365192
299921	366855	429260	2.3.1	construction	206105	236068	256690
134531	133181	149516	2.3.2	machinery & equipment	108037	102288	108502
94895	**108956**	**170315**	**3**	**change in stocks**	**66128**	**69673**	**105662**
21258	15820	35678	3.1	public sector	12518	5649	18115
64410	81096	116566	3.2	private corporate sector	46254	55073	74687
9227	12040	18071	3.3	household sector	7356	8951	12860
41392	49709	53591	**4**	**Valuables+**	33140	38091	39118
380312	**437037**	**509449**	**5**	**less consumption of fixed capital**	**287426**	**316406**	**350067**
120078	131003	146016	4.1	public sector	89540	93692	98807
111875	135629	166510	4.2	private corporate sector	87558	101271	117774
148359	170405	196923	4.3	household sector	110328	121443	133486
868577	**1065471**	**1319897**	**6**	**net capital formation**	**643312**	**743702**	**870345**
151757	198676	282998	5.1	public sector	113395	139152	191225
380108	475415	583384	5.2	private corporate sector	285607	340595	395436
295320	341671	399923	5.3	household sector	211170	225864	244566
41392	49709	53591	5.4	valuables+	33140	38091	39118
23741	**19297**	**16167**	**7**	**errors & omissions**	**17742**	**13675**	**10832**
892318	**1084768**	**1336064**	**8**	**net capital formation adjusted for errors & omissions**	**661054**	**757377**	**881177**
1272630	**1521805**	**1845513**	**9**	**gross capital formation adjusted for errors & omissions**	**948480**	**1073783**	**1231244**

@ provisional estimates * quick estimates

** See footnote on item 2, Statement 6.

Source: Central Statistical Organisation.

TABLE 10.13 GROSS CAPITAL FORMATION BY INDUSTRTY OF USE

(Rs. crore)

at curremt prices 2005-06	2006-07@	2007-08*		Industry	at constant 1999-00 prices 2005-06	2006-07@	2007-08*
86324	**100122**	**115427**	**1**	**agriculture, forestry and fishing**	**66065**	**73285**	**79328**
74383	86695	101101	1.1	agriculture	56459	62663	67864
1334	1678	1777	1.2	forestry & logging	1031	1230	1186
10607	11749	12549	1.3	fishing	8575	9392	10278
33507	**34531**	**45143**	**2**	**mining & quarrying**	**21956**	**20681**	**25945**
493411	**617149**	**742350**	**3**	**manufacturing**	**368492**	**434076**	**492005**
354485	437066	545459	3.1	registered	271331	315588	370064
138926	180082	196891	3.2	unregistered	97161	118488	121941
81696	**100354**	**112402**	**4**	**electricity, gas & water supply**	**61815**	**71186**	**73781**
46067	**61374**	**78566**	**5**	**construction**	**33217**	**41667**	**48366**
33986	**47063**	**52669**	**6**	**trade, hotels & restaurants**	**24817**	**32502**	**34079**
24492	36571	39449	6.1	trade	17774	25190	25501
9493	10492	13220	6.2	hotels & restaurants	7043	7312	8578
153025	**177419**	**236787**	**7**	**transport, storage & communication**	**115288**	**128611**	**166617**
15344	18227	23734	7.1	railways	10174	11668	14567
67634	76428	113407	7.2	transport by other means	54947	60239	86164
470	553	434	7.3	storage	170	184	112
69578	82212	99212	7.4	communication	49998	56520	65774
151577	**161491**	**197217**	**8**	**financing, insurance, real estate & business services**	**108041**	**109250**	**126282**
7840	11130	14056	8.1	banking & insurance	5796	7839	9487
143737	150361	183161	8.2	real estate, ownership of dwellings & business services	102244	101412	116795
127903	**153298**	**195192**	**9**	**community, social & personal services**	**97906**	**110761**	**134892**
88267	105480	136154	9.1	public administration & defence	68974	77962	96577
39635	47818	59038	9.2	other services	28932	32799	38315
1207496	**1452800**	**1775754**	**10**	**total gross capital formation by industry of use**	**897598**	**1022017**	**1181294**
41392	**49709**	**53591**	**11**	**Valuables**	**33140**	**38091**	**39118**
1248888	**1502509**	**1829345**	**12**	**total gross capital formation by industry use- Unadjusted (including valuables)**	**930738**	**1060108**	**1220412**
1272630	**1521805**	**1845513**	**13**	**gross capital formation by type of assets adjusted**	**948480**	**1073783**	**1231244**
23742	**19296**	**16168**	**14**	**difference (13-12)**	**17742**	**13675**	**10832**

@ provisional estimates * quick estimates

Source: Central Statistical Organisation

TABLE 10.14 PERFORMANCE OF PUBLIC SECTOR @@
(at current prices)

(Rs. crore)

item	1999-00	2003-04	2004-05	2005-06	2006-07@	2007-08*
1. gross domestic product (item 10, statement 3.1)	1786526	2538170	2877701	3282385	3779385	4320892
1.1 public	457006	613897	669335	714876	804937	887757
1.2 private	1329520	1924273	2208366	2567509	2974448	3433135
2. gross domestic saving (item 1, statement 6)	484256	820685	997873	1228026	1475108	1779614
2.1 public (item 1.3, statement 6)	-15494	29521	68951	86823	137926	212543
2.2 private (item 1.1+1.2, statement 6)	499750	791164	928922	1141203	1337182	1567071
3. gross capital formation**	493999	713649	955045	1207497	1452799	1775755
3.1 public (item 1.1, statement 7.1)	144610	174579	216962	271835	329679	429014
3.2 private (item 1.2+1.3, statement 7.1)	349389	539070	738083	935662	1123120	1346741
4. final consumption expenditure	1510285	2013843	2186162	2439858	2741372	3084958
4.1 public	252744	310297	338052	375562	421546	479099
4.2 private (item 9, statement 5.1)	1257541	1703546	1848110	2064296	2319826	2605859
percentage share of public sector						
1. gross domestic product	25.6	24.2	23.3	21.8	21.3	20.5
2. gross domestic saving	-3.2	3.6	6.9	7.1	9.4	11.9
3. gross domestic capital formation	29.3	24.5	22.7	22.5	22.7	24.2
4. final consumption expenditure	16.7	15.4	15.5	15.4	15.4	15.5

@ provisional estimates * quick estimates
@@ includes public services in quasi-government bodies ** unadjusted for errors and omissions, excluding valuables

Source: Central Statistical Organisation

TABLE 10.15 GROWTH OF POPULATION OF INDIA - 1901 TO 2001

Year	Population	Absolute	Decadal growth rate Percentage
1	2	3	4
1901$	238,396,327	-	-
1911	252,093,390	13,697,063	5.8
1921	251,321,213	-772,177	-0.3
1931$	278,977,238	27,656,025	11.0
1941$	318,660,580	39,683,342	14.2
1951@	361,088,090	42,420,485	13.3
1961@	439,234,771	77,682,873	21.5
1971	548,159,652	108,924,881	24.8
1981#	683,329,097	135,169,445	24.7
1991+	846,421,039	163,091,942	23.9
2001*	1,028,737,436	182,316,397	21.5

Notre: @= In working out 'decadal variation' and percentage decadal variation for 1941-51 and 1951-61 of Nagaland state,the population of Tuessang dostroct for 1951 (7025) and the population of Tuensang (83501) and Mon (50774) districts for 1961 Census of have not been taken into account as the area was censused for the first time in 1951 and the same are not comparable.

=The 1981 Census could not be held owing to disturbed conditions prevailing in Assam. Hence the population figures for 1981 of Assam have been worked out by 'Interpolation'.

+ =The 1991 Censu was not held in Jammu & Kashmir. Hence the population figures for 1991 of Jammu & Kashmir have been worked out by 'Interpolation'.

$= The distribution of population of Pondicherry by sex for 1901 (246354), and 1931 (258628) and 1941 (285011) is not available . The figures of India for these years are, therefore, execlusive of these population figures so far as distribution by sex is concerned.

* = The 2001 Census population of India and Manipur State includes the estimated population of Mao Maram. Paomata and Purul Sub-divison of Senapati district.

Source: Census of India

TABLE 10.16 PROPORTION OF URBAN POPULATION TO TOTAL POPULATION - ALL INDIA

Year	Percentage of Urban Population
1	2
1951@	17.3
1961@	18.0
1971	19.9
1981#	23.3
1991+	25.7
2001*	27.8

Notre: @= In working out 'decadal variation' and percentage decadal variation for 1941-51 and 1951-61 of Nagaland state,the population of Tuessang dostroct for 1951 (7025) and the population of Tuensang (83501) and Mon (50774) districts for 1961 Census of have not been taken into account as the area was censused for the first time in 1951 and the same are not comparable.
=The 1981 Census could not be held owing to disturbed conditions prevailing in Assam. Hence the population figures for 1981 of Assam have been worked out by 'Interpolation'.
+ =The 1991 Censu was not held in Jammu & Kashmir. Hence the population figures for 1991 of Jammu & Kashmir have been worked out by 'Interpolation'.
* = The 2001 Census population of India and Manipur State includes the estimated population of Mao Maram. Paomata and Purul Sub-divison of Senapati district.

Source: Census of India

TABLE 10.17 PER CAPITA AVAILABILITY OF CERTAIN IMPORTANT ARTICLES OF CONSUMPTION

Year	Edible# Oil @ (Kgs.)	Vanaspati# (Kgs.)	Sugar** (Nov-Oct) (Kgs.)+	Cotton (Metres)	Cloth Man-made (Metres)	Total (Metres)	Tea* (Gms.) ##	Coffee* (Gms.)	Electricity (Domestic) (KWH)
1	2	3	4	5	6	7	8	9	10
1970-71	3.5	1.0	7.4	13.6	2.0	15.6	401	65	7.0
1971-72	3.0	1.1	6.8	12.4	2.2	14.6	426	65	7.3
1972-73	2.4	1.0	6.2	13.2	2.0	15.2	458	69	7.3
1973-74	3.4	0.8	6.1	12.0	1.9	13.9	492	64	8.1
1974-75	3.3	0.6	5.8	12.9	1.7	14.6	471	62	8.8
1975-76	3.5	0.8	6.1	12.6	2.0	14.6	446	62	9.7
1976-77	3.2	0.9	6.0	11.4	2.4	13.8	450	71	10.4
1977-78	3.8	0.9	7.2	9.5	4.0	13.5	516	73	10.9
1978-79	3.8	1.0	9.6	10.2	4.8	15.0	599	77	11.9
1979-80	3.7	1.0	7.8	10.1	4.6	14.7	521	73	12.1
1980-81	3.8	1.2	7.3	12.9	4.4	17.3	511	79	13.5
1981-82	5.1	1.3	8.2	12.2	4.9	17.1	466	79	15.1
1982-83	4.5	1.3	9.0	11.8	4.3	16.1	525	82	17.0
1983-84	5.8	1.2	10.5	12.6	4.7	17.3	519	78	18.3
1984-85	5.5	1.3	10.7	12.6	4.6	17.2	576	72	21.0
1985-86	5.0	1.3	11.1	15.4	6.1	21.5	589	71	22.9
1986-87	5.0	1.2	11.4	15.2	6.6	21.8	545	76	25.1
1987-88	5.8	1.2	11.7	14.0	7.0	21.0	592	72	28.2
1988-89	5.3	1.2	12.1	15.0	8.0	23.0	612	79	30.9
1989-90	5.3	1.1	12.3	14.6	8.1	22.7	571	65	36.1
1990-91	5.5	1.0	12.7	15.1	9.0	24.1	612	59	38.2
1991-92	5.4	1.0	13.0	13.7	9.2	22.9	655	64	41.9
1992-93	5.8	1.0	13.7	15.6	8.9	24.5	649	60	45.6
1993-94	6.1	1.0	12.5	15.9	10.3	26.2	667	56	48.8

TABLE 10.17 (CONTD.) PER CAPITA AVAILABILITY OF CERTAIN IMPORTANT ARTICLES OF CONSUMPTION

Year	Edible# Oil @ (Kgs.)	Vanaspati# (Kgs.)	Sugar** (Nov-Oct) (Kgs.)+	Cotton (Metres)	Cloth Man-made (Metres)	Total (Metres)	Tea* (Gms.) ##	Coffee* (Gms.)	Electricity (Domestic) (KWH)
1	2	3	4	5	6	7	8	9	10
1994-95	6.3	1.0	13.2	15.2	10.8	26.0	664	55	53.0
1995-96	7.0	1.0	14.1	16.3	11.7	28.0	646	55	56.2
1996-97	8.0	1.0	14.6	16.2	13.1	29.3	657	58	58.6
1997-98	6.2	1.0	14.5	15.9	15.0	30.9	635	58	62.9
1998-99	8.5	1.3	14.9	13.1	15.1	28.2	684	65	66.7
1999-00	9.0	1.4	15.6	14.2	16.4	30.6	642	55	71.2
2000-01	8.2	1.3	15.8	14.2	16.5	30.7	631	58	75.2
2001-02	8.8	1.4	16.0	14.8	17.2	32.0	650	67	76.8
2002-03	7.2	1.4	16.3	14.4	17.0	31.4	623	67	79.0
2003-04	NA	NA	NA	13.4	17.6	31.0	662	70	83.6
2004-05	NA	NA	NA	14.1	19.4	33.5	663	75	87.8
2005-06	NA	NA	NA	16.4	19.7	36.1	687	80	90.4
2006-07(P)	NA	NA	NA	18.3	21.9	40.2	687	85	NA

P- Provisional N.A. Not Available.
(@) - Includes groundnut oil, rapeseed and mustard oil, sesamum oil, nigerseed oil, soyaeen oil and Sunflower oil but excludes oil for excludes oil for manufacture of Vanaspati.
(@@) : Figures for blended/mixed fabrics were not separately available prior to 1969. These have been included under made made fibre fabrics after 1969.
*- Figures upto 1971-72 relate to coffee season are and thereafter on calendar year basis, The figures for 1972-73 correspondence to 1973 and so on.
** - From 1967-68 onwards Sugar Season from October to September.
(+) Relates to actual releases for domestic consumption.
Relates to financial year
Relate to calender year.
Note : the data of cloth prior to 1980-81 is calender year-wise; in meters upto 1984-85; in square meter from 1985-86 onwards.

Source: Economic Survey 2008-09

TABLE 10.18 INDEX NUMBERS OF AREA, PRODUCTION AND YIELD OF FOODGRAINS, NON-FOODGRAINS AND ALL CROPS IN INDIA

(Base Year 1981-82=100)

	Footgrains			Non-Foodgrains			All Crops		
Year Weight	A	P (62.92)	Y	A	P ,(37.08)	Y	A	P (100.0)	Y
1	2	3	4	5	6	7	8	9	10
1960-61	90.9	69.6	81.9	83.8	67.4	84.0	89.2	68.8	82.7
1964-65	91.6	75.4	87.8	92.2	78.2	89.2	91.7	76.4	88.3
1970-71	97.9	87.9	93.2	91.1	82.6	91.4	96.3	85.9	92.6
1971-72	96.6	86.1	91.3	93.3	83.7	92.2	95.8	85.2	91.6
1972-73	93.9	79.1	85.8	87.9	76.6	86.3	92.5	78.2	86.0
1973-74	99.6	85.3	89.0	93.7	88.6	94.7	98.2	86.5	91.1
1974-75	95.3	81.0	87.0	93.2	89.2	94.0	94.8	84.0	89.6
1975-76	100.8	98.8	99.7	95.4	91.1	97.7	99.5	96.2	99.0
1976-77	97.8	89.6	92.4	94.1	88.8	94.3	96.9	89.3	93.1
1977-78	100.3	103.0	103.2	99.3	99.4	99.0	100.1	101.6	101.6
1978-79	101.5	107.0	105.7	102.0	101.6	101.8	101.6	105.0	104.2
1979-80	98.5	87.5	88.7	96.6	90.8	93.9	98.1	88.7	90.6
1980-81	99.8	104.9	105.1	99.4	97.4	99.2	99.7	102.1	102.9
1981-82	101.7	107.6	105.9	104.1	111.8	106.4	102.2	109.2	106.1
1982-83	98.6	103.7	104.9	101.8	106.6	101.3	99.3	104.8	103.6
1983-84	103.4	122.8	117.8	104.4	111.5	105.7	103.6	118.6	113.3
1984-85	99.8	117.5	115.5	103.4	118.6	113.6	100.6	117.9	114.8
1985-86	100.9	123.4	120.6	104.2	113.0	108.3	101.6	119.5	116.0
1986-87	100.2	116.9	114.9	100.7	112.5	108.3	100.3	115.2	112.4
1987-88	94.3	113.5	117.2	101.7	118.3	110.2	96.0	115.3	114.4
1988-89	100.6	138.1	134.2	112.8	143.2	124.8	103.4	140.0	130.5
1989-90	99.9	139.1	135.5	115.8	149.7	126.7	103.5	143.0	131.9
1990-91	100.7	143.7	137.8	120.0	156.3	128.0	105.2	148.4	133.8

TABLE 10. 18 (CONTD.) INDEX NUMBERS OF AREA, PRODUCTION AND YIELD OF FOODGRAINS, NON-FOODGRAINS AND ALL CROPS IN INDIA

(Base Year 1981-82=100)

	Footgrains			Non-Foodgrains			All Crops		
Year / Weight	A	P (62.92)	Y	A	P ,(37.08)	Y	A	P (100.0)	Y
1	2	3	4	5	6	7	8	9	10
1991-92	96.0	137.6	136.5	124.8	158.8	123.7	102.7	145.5	131.0
1992-93	97.0	144.3	142.0	123.2	164.0	130.5	103.1	151.6	137.2
1993-94	96.7	150.2	146.5	127.3	169.5	132.7	103.8*	157.3	140.7
1994-95	97.6	155.9	150.4	126.2	180.9	138.9	104.2	165.2	145.5
1995-96	95.3	146.1	143.1	131.8	185.5	135.7	103.8	160.7	139.8
1996-97	97.4	160.9	154.5	134.6	200.9	143.8	106.0	175.7	149.8
1997-98	97.6	155.7	148.7	133.8	181.8	132.3	105.9	165.4	141.4
1998-99	98.6	165.2	154.0	135.1	200.2	141.3	107.1	178.2	148.4
1999-00	97.0	169.7	159.8	130.4	189.0	136.9	104.7	176.2	149.9
2000-01	95.4	158.4	152.8	126.9	178.4	133.5	102.7	165.7	144.4
2001-02	96.4	172.0	163.9	127.6	189.1	138.9	103.6	178.3	153.1
2002-03	89.7	140.4	143.2	116.1	166.4	124.7	95.8	150.1	135.0
2003-04	97.3	172.0	165.3	125.7	201.5	151.2	103.8	182.9	159.2
2004-05	94.6	159.9	156.5	137.9	206.7	147.9	104.6	177.3	152.6
2005-06	95.8	169.2	162.3	140.8	230.1	157.0	106.2	191.8	159.9
2006-07	97.5	175.9	180.4	143.0	242.9	169.9	108.0	200.7	185.8
2007-08	97.7	186.8	191.1	144.7	247.3	170.9	108.6	207.1	190.6
2008-09*	97.1	189.3	195.0	144.8	207.1	143.0	108.1	184.8	170.9

A - Index number of area P - Index numbes of Production Y - Index numbers of yield.

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

TABLE 10. 19 ALL INDIA FINAL ESTIMATES OF FOODGRAINS CROPS: 2007-2008

State/UT	Season	Area ("000 Hectares) 2007-08 (Final)	2006-07	Inc (+) of Dec (-) in Col. 3 over Col. 4 Absolute	% age	Production("000 Tonnes) 2007-08 (Final)	2006-07	Inc (+) of Dec (-) in Col. 7over Col. 8 Absolute	% age	Yield in Kgs/Hectare 2007-08 (Final)	2006-07
1	2	3	4	5	6	7	8	9	10	11	12
Rice	Autumn	2223.5	2298.2	-74.7	96.7	3104.2	3507.5	-403.3	88.5	1396	1526
	Winter	13609.2	13499.7	109.5	100.8	25733.2	27004.9	-1271.7	95.3	1891	2000
	Kharif	23621.7	23803.3	-181.6	99.2	53822.0	49658.4	4163.6	108.4	2278	2086
	Total Kharif	39454.4	39601.2	-146.8	99.6	82659.4	80170.8	2438.6	103.1	2095	2024
	Rabi/Summer	4460.0	4212.4	247.6	105.9	14033.5	13184.5	849.0	106.4	3147	3130
	Total	43914.4	43813.6	100.8	100.2	96692.9	93355.3	3337.6	103.6	2202	2131
Wheat	Rabi	28038.6	27994.5	44.1	100.2	78570.2	75806.7	2763.5	103.6	2802	2708
Jowar	Kharif	3499.6	3738.1	-238.5	93.6	4114.9	3706.8	408.1	111.0	1176	992
	Rabi	4264.4	4734.4	-470.0	90.1	3811.0	3444.0	367.0	110.7	894	727
	Total	7764.0	8472.5	-708.5	91.6	7925.9	7150.8	775.1	110.8	1021	844
Bajra	Kharif	9571.3	9507.9	63.4	100.7	9970.1	8423.7	1546.4	118.4	1042	886
Maize	Kharif	7118.7	6960.4	158.3	102.3	15106.7	11556.3	3550.4	130.7	2122	1660
	Rabi/Summer	998.6	933.6	65.0	107.0	3848.7	3540.7	308.0	108.7	3854	3793
	Total	8117.3	7894.0	223.3	102.8	18955.4	15097.0	3858.4	125.6	2335	1912
Raqi	Kharif	1387.1	1177.4	209.7	117.8	2152.2	1443.6	708.6	149.1	1552	1226
Small Millets	Kharif	1039.2	1010.2	29.0	102.9	550.7	479.6	71.1	114.8	530	475
Barley	Rabi	602.6	646.2	-43.6	93.3	1196.1	1327.9	-131.8	90.1	1985	2055
Coarse Cereals	Kharif	22615.9	22394.0	221.9	101.0	31894.6	25610.0	6284.6	124.5	1410	1144
	Rabi	5865.6	6314.2	-448.6	92.9	8855.8	8312.6	543.2	106.5	1510	1316
	Total	28481.5	28708.2	-226.7	99.2	40750.4	33922.6	6827.8	120.1	1431	1182

TABLE 10. 19 (Contd.) ALL INDIA FINAL ESTIMATES OF FOODGRAINS CROPS: 2007-2008

State/UT	Area ("000 Hectares) Season	2007-08 (Final)	2006-07	Inc (+) of Dec (-) in Col. 3 over Col. 4 Absolute	% age	Production("000 Tonnes) 2007-08 (Final)	2006-07	Inc (+) of Dec (-) in Col. 7over Col. 8 Absolute	% age	Yield in Kgs/Hectare 2007-08 (Final)	2006-07
1	2	3	4	5	6	7	8	9	10	11	12
Cereals	Kharif	62070.3	61995.2	75.1	100.1	114554.0	105780.8	8773.2	108.3	1846	1706
	Rabi	38364.2	38521.1	-156.9	99.6	101459.5	97303.8	4155.7	104.3	2645	2526
	Total	100434.5	100516.3	-81.8	99.9	216013.5	203084.6	12928.9	106.4	2151	2020
Tur (Arhar)	Kharif	3725.8	3561.6	164.2	104.6	3075.9	2314.1	781.8	132.9	826	650
Pulses other than Tur Gram	Kharif	7763.7	7113.9	649.8	109.1	3327.3	2481.3	846.0	134.1	429	349
	Rabi	7543.7	7493.9	49.8	100.7	5748.6	6333.7	-585.1	90.8	762	845
Pulses Other than Gram	Rabi	4599.8	5022.3	-422.5	91.6	2609.7	3068.4	-458.7	85.1	567	611
Pulses	Kharif	11489.5	10675.5	814.0	107.6	6403.2	4795.4	1607.8	133.5	557	449
	Rabi	12143.5	12516.2	-372.7	97.0	8358.3	9402.1	-1043.8	88.9	688	751
	Total	23633.0	23191.7	441.3	101.9	14761.5	14197.5	564.0	104.0	625	612
Foodgrains	Kharif	73559.8	72670.7	889.1	101.2	120957.2	110576.2	10381.0	109.4	1644	1522
	Rabi	50507.7	51037.3	-529.6	99.0	109817.8	106705.9	3111.9	102.9	2174	2091
	Total	124067.5	123708.0	359.5	100.3	230775.0	217282.1	13492.9	106.2	1860	1756

Source : Ministry of Agriculture, Directorate of Economics & Statistics.

CHAPTER - XI

PLAN OUTLAY AND TARGETS

TABLE 11.1 INVESTMENT AND SAVINGS RATES

1	2	3
	Investments Rate	**Savings Rate**
Eight Plan (1992-93 to 1996-97)	24.4	23.1
Ninth Plan (1997-98 to 2001-02)	24.3	23.6
2002-03	25.2	26.4
2003-04	27.6	29.8
2004-05	32.1	31.7
2005-06	35.5	34.2
2006-07	36.9	35.7
Tenth Plan (2002-03 to 2006-07)	32.1	31.9
2007-08	39.1	37.7
Eleventh Plan Targets	36.7	34.8

Source: Economic Survey-2008-09

TABLE 11.2 PUBLIC SECTOR PLAN ALLOCATION FOR THE TENTH AND ELEVENTH FIVE YEAR PLAN

(Rs. Crore)

	Item	Tenth Plan Outlay at (2001-02 prices)	Eleventh Plan Outlay at (2006-07 prices)
	1	**2**	**3**
	Central Sector		
1	Outlay	893183	2156571
	Bugetary Support	405735	1096860
	I.E.B.R.	487448	1059711
	State and UTs		
2	Outlay	632456	1488147
	Budgetary Support	300265	1163296
	Own Resources	332191	324851
	Total Public Sector (1+2)	**1525639**	**3644718**

Source : Planning Commission - Eleventh Plan

TABLE 11.3 SECTORAL ALLOCATION - TENTH PLAN AND ELEVENTH PLAN
(Rs. crore at 2006-07 prices)

Sl No.	Sector	Tenth Plan		Eleventh Plan	
		BE#	% to Total	Projected Allocation	% to Total
1	2	3	4	5	6
1	Education	62461	7.68	274228	19.29
2	Rural Development Land resources and Panchayati Raj	87041	10.70	190330	13.39
3	Health and Family Welfare	45771	5.62	123900	8.71
4	Agriculture and Irrigation	50639	6.22	121556	8.55
5	Social Justice	36381	4.47	90273	6.35
6	Physical Infrastructure	89021	10.94	128160	9.01
7	Scientific Departments	29823	3.66	66580	4.68
8	Total Priority Sector	47266*	5.81	57409	4.04
	Total Priority Sector	448403	55.10	1052436	74.03
9	Others	365375	44.90	369275	25.97
	TOTAL	**813778**	**100.00**	**1421711**	**100.00**

#: Tenth Plan BE represents the actual allocation during the five years and not the original Tenth Plan projections; * Includes APDRP grant component only.

Source: Planning Commission -Eleventh Plan.

TABLE 11.4 SECTORAL ALLOCATION FOR PUBLIC SECTOR'S OUTLAYS - TENTH PLAN REALIZATIONS AND ELEVENTH PLAN PROJECTIONS

		Outlays Centre			Outlays States & UTs			Total Outlays Centre States & UTs		
Sl. No.	Sector	Tenth Plan	Eleventh Plan	% Increase	Tenth Plan	Eleventh Plan	% Increase	Tenth Plan	Eleventh Plan	% Increase
1	2	3	4	5	6	7	8	9	10	11
1	Agriculture & Allied Activities	26108	50924	95.0	34594	85458	147.0	60702	136381	124.7
2	Rural Development	79291	190330	140.0	58419	110739	89.6	137710	301069	118.6
3	Special Area Programmes	—	—	—	16423	26329	60.3	16423	26329	60.3
4	Irrigation & Flood Control	1716	6747	293.3	110699	203579	83.9	112415	210326	87.1
5	Energy	266220	628739	136.2	97415	225385	116.1	363635	854123	134.9
6	Industry and Minerals	49254	121579	146.8	15401	32021	107.9	64655	153600	137.6
7	Transport	183116	386306	111.0	80818	186137	130.3	263934	572443	116.9
8	Communication	82422	95337	15.7	523	43	(-)91.8	82945	95380	15.0
9	Science, Technology & Environment	26667	75446	182.9	2006	12487	522.4	28673	87933	206.7
10	General Economic Services	10428	14811	42.0	19921	47712	139.5	30349	62523	106.0
11	Social Services	215219	578864	169.0	221310	523463	136.5	436529	1102327	152.5
12	General Services	4887	7489	53.2	15602	34794	123.0	20489	42283	106.4

Sources : Planning Commission -Eleventh Plan Document

TABLE 11.5 SECTORAL GROWTH IN RECENT PLANS

Sl. No.	Sector	Eight Plan (1992-96)	Ninth Plan (1997-2001)	Tenth Plan (2002-06)	Eleventh Plan (2007-11)
1	2	3	5	7	8
1	Agriculture	4.72	2.44	2.30	4.00
2	Industry	7.29	4.29	9.17	10-11
3	Services	7.28	7.87	9.30	9-11
	TOTAL	**6.54**	**5.52**	**7.74**	**9.00**

Sources : Planning Commission - Eleventh Plan Document

TABLE 11.6 TOTAL AND PUBLIC INVESTMENT DURING THE FIVE YEAR PLANS

(% of GDPmp)

	Total Investment (% of GDPmp)	Private Investment (% of GDPmp)	Public Investment (% of GDPmp)	Public Investment (% of Total Investment)
1	2	3	4	6
Eight Plan (1992-93 to 1996-97)	24.4	15.9	8.5	34.7
Ninth Plan (1997-98 to 2001-02)	24.3	17.3	7.0	29.0
2002-03	25.2	19.2	6.1	24.1
2003-04	28.2	21.8	6.3	22.5
2004-05	32.2	25.3	6.9	21.4
2005-06	35.5	27.9	7.6	21.4
2006-07	35.9	28.1	7.8	21.6
Tenth Plan (2002-03 to 2006-07)	32.1	25.1	7.1	22.0
Eleventh Plan	36.7	28.7	8.0	21.9

Note: Ratios for Eleventh Plan are at constant 2006-07 prices; Ratios for earlier years' plans are at curremt [roces; 2005-06: Provisional Estimates; 2006-07: Quick Estimates.

Source : Planning Commission - Eleventh Five Year Plan Document

TABLE 11.7 ELEVENTH PLAN OUTLAYS BY HEADS OF DEVELOPMENT

		Amount in (Rs. Crore)			Percentage distribution		
S.No.	Heads of Development	11th Plan 2007-12 at 2006-07 prices	Annual Plan 2007-08 (RE)	Annual Plan 2008-09 (BE)	11th Plan 2007-12 at 2006-07 prices	Annual Plan 2007-08 (RE)	Annual Plan 2008-09 (BE)
1	Agri. and Allied Activities	136381	8544	10075	3.7	2.9	2.7
2	Rural Development	301069	17511	18972	8.3	6.0	5.1
3	Special Area Programmes	26329	na	na	0.7	0.0	0.0
4	Irrigation & Food Control	210326	454	411	5.8	0.2	0.1
5	Energy	854123	72230	93815	23.4	24.7	25.0
6	Industry and Minerals	153600	17953	28836	4.2	6.1	7.7
7	Transport	572443	68930	84177	15.7	23.6	22.4
8	Communication	95380	16599	21937	2.6	5.7	5.8
9	Science, Techn.& Environ.	87933	7741	9283	2.4	2.6	2.5
10	General Eco. Service	62523	3043	6052	1.7	1.0	1.6
11	Social Service	1102327	78798	100778	30.2	27.0	26.8
12	General Services	42283	533	1150	1.2	0.2	0.3
	Total	**3644717**	**292336**	**375486**	**100.0**	**100.0**	**100.0**

Source : Economic Survey 2008-09

TABLE 11.8 ELEVENTH PLAN PROPOSED SECTORAL ALLOCATIONS FOR STATES/UTs

(Rs. crore at 2006-07 prices)

Sl. No.	Major Heads of Development	Andhra Pradesh	Arunachal Pradesh	Assam	Bihar	Chattisgarh	Goa	Gujrat	Haryana	Himachal Pradesh
1	2	3	4	5	6	7	8	9	10	11
1	Agriculture & Allied Activities	7377.7	752.0	517.9	1697.7	1483.0	211.8	5639.4	1636.3	1470.1
		(5.0)	(9.5)	(2.2)	(2.8)	(2.8)	(2.5)	(5.3)	(4.9)	(10.7)
2	Rural Development	14520.3	258.2	1878.7	7848.8	3234.6	235.0	3154.8	1536.3	355.6
		(9.9)	(3.3)	(7.8)	(13.0)	(6.0)	(2.8)	(3.0)	(4.6)	(2.6)
3	Special Area Programmes	3552.6	423.4	97.4	646.4	198.8	23.1	83.6	173.5	20.5
		(2.4)	(5.4)	(0.4)	(1.1)	(0.4)	(0.3)	(0.1)	(0.5)	(0.2)
4	Irrigation & Flood Control	34292.2	517.0	2863.0	7876.2	5550.4	579.7	29196.5	3975.0	1220.6
		(23.3)	(6.5	(12.0)	(13.0)	(10.3)	(6.8)	(27.3)	(11.9	(8.9)
5	Energy	22582.4	1280.2	2601.7	4717.8	13991.4	830.1	3767.2	3901.6	1122.1
		(15.3)	(16.2)	(10.7)	(7.8)	(26.0)	(9.8)	(3.5)	(11.7)	(8.1)
6	Industry & Minerals	5233.5	195.5	360.1	1982.4	924.2	117.7	3203.9	410.1	177.7
		(3.6)	(2.5)	(1.5)	(3.3)	(1.7)	(1.4)	(3.0)	(1.2)	(1.3)
7	Transport	12629.8	1589.5	3173.5	14726.3	6007.1	716.8	9368.8	4625.9	2142.3
		(8.6)	(20.1)	(13.5)	(24.3)	(11.2)	(8.5)	(8.8)	(13.9)	(15.6)
8	Communications	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
9	Science and Technology	35.4	44.9	213.7	311.3	2772.5	315.3	793.8	27.1	2.9
		(0.0)	(0.1)	(0.9)	(0.5)	(5.2)	(3.7)	(0.7)	(0.1)	(0.0)
10	General Economic Services	2544.8	442.9	575.7	2797.4	1015.5	181.2	2057.6	1136.0	798.6
		(1.7)	(5.6)	(2.4)	(4.6)	(1.9)	(2.1)	(1.9)	(3.4)	(5.8)
11	Social Services	43111.3	2237.9	11152.8	17480.1	18316.7	3977.7	49586.5	15610.8	6060.3
		(29.2)	(28.3)	(46.6)	(28.8)	(34.1)	(46.9)	(46.4)	(46.8)	(44.0)
12	General Services	1515.1	159.5	519.7	546.7	236.4	1296.6	68.0	340.6	407.3
		(1.0)	(2.0)	(2.2)	(0.9)	(0.4)	(15.3)	(0.1)	(1.0)	(3.0)
	GRAND TOTAL	**147395.0**	**7901.0**	**23854.0**	**60631.0**	**53730.4**	**8485.0**	**106918.0**	**33374.0**	**13778.0**
		(100.0)	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**

TABLE 11.8 (CONTD.) ELEVENTH PLAN PROPOSED SECTORAL ALLOCATIONS FOR STATES/UTs

(Rs. crore at 2006-07 prices)

Sl. No.	Major Heads of Development	J & K	Jharkhand	Karnataka	Kerala	Madhya Predesh	Maharashtra	Manipur	Meghalaya	Mizoram
1	2	12	13	14	15	16	17	18	19	20
1	Agriculture & Allied Activities	1818.2	2517.8	4317.3	2418.7	3751.2	10203.0	439.2	735.2	469.6
		(7.0)	(6.3)	(4.3)	(5.8)	(5.3)	(8.0)	(5.4)	(8.0)	(8.5)
2	Rural Development	615.6	5500.6	4822.5	1926.6	10739.3	13391.5	271.1	802.3	197.7
		(2.4)	(13.7)	(4.7)	(4.6)	(15.3)	(10.5)	(3.3)	(8.7)	(3.6)
3	Special Area Programmes	1419.8	1855.8	683.4	344.9	887.6	765.2	231.4	189.1	57.1
		(5.5)	(4.6)	(0.7)	(0.8)	(1.3)	(0.6)	(2.8)	(2.1)	(1.0)
4	Irrigation & Flood Control	735.0	3379.4	26033.8	2343.4	14934.8	26783.0	772.4	219.7	199.1
		(2.9)	(8.4)	(25.6)	(5.6)	(21.2)	(21.0)	(9.5)	(2.4)	(3.6)
5	Energy	8197.0	5634.6	12876.5	5547.9	9416.3	19130.7	1498.7	1084.9	691.4
		(31.7)	(14.0)	(12.7)	(13.2)	(13.4)	(15.0)	(18.4)	(11.8)	(12.5)
6	Industry & Minerals	550.9	871.3	1259.3	1180.8	591.1	1913.1	656.1	290.5	196.9
		(2.1)	(2.2)	(1.2)	(2.8)	(0.8)	(1.5)	(8.1)	(3.2)	(3.6)
7	Transport	2660.8	4712.7	12599.1	2524.6	8006.7	8927.7	403.2	1623.6	886.6
		(10.3)	(11.7)	(12.4)	(6.0)	(11.4)	(7.0)	(4.9)	(17.7)	(16.0)
8	Communications	42.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		(0.1)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
9	Science and Technology	23.7	911.6	1370.2	1094.2	161.1	127.5	127.6	245.1	88.1
		(0.1)	(2.3)	(1.4)	(2.6)	(0.2)	(0.1)	(1.6)	(2.7)	(1.6)
10	General Economic Services	2741.0	647.7	2461.4	2197.1	1565.0	5101.5	158.0	253.0	345.9
		(10.6)	(1.6)	(2.4)	(5.2)	(2.2)	(4.0)	(1.9)	(2.8)	(6.3)
11	Social Services	6501.4	13261.3	33977.0	10056.1	20160.0	38261.4	3273.2	3481.7	2305.8
		(25.2)	(33.0)	(33.4)	(24.0)	(28.7)	(30.0)	(40.1)	(37.9)	(41.7)
12	General Services	528.3	947.3	1263.5	12305.7	116.0	2933.4	323.0	259.9	95.8
		(2.1)	(2.4)	(1.2)	(29.3)	(0.2)	(2.3)	(4.0)	(2.8)	(1.7)
	GRAND TOTAL	**25834.0**	**40240.0**	**101664.0**	**41940.0**	**70329.0**	**127538.0**	**8154.0**	**9185.0**	**5534.0**
		(100.0)	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**

TABLE 11.8 (CONTD.) ELEVENTH PLAN PROPOSED SECTORAL ALLOCATIONS FOR STATES/UTs

(Rs. crore at 2006-07 prices)

Sl. No.	Major Heads of Development	Nagaland	Orissa	Punjab	Rajasthan	Sikkim	Tamil Nadu	Tripura	Uttar Pradesh	Utatra khand	West Bengal
1	2	21	22	23	24	25	26	27	28	29	30
1	Agriculture & Allied Activities	495.0	708.2	302.8	1330.5	276.0	7831.6	694.4	19146.4	4564.5	1122.0
		(8.3)	(2.2)	(1.1)	(1.9)	(5.9)	(9.2)	(7.8)	(10.6)	(10.7)	(1.8)
2	Rural Development	311.8	1864.7	2544.4	4244.1	510.3	10241.3	906.4	7658.0	2483.9	7289.7
		(5.2)	(5.8)	(8.8)	(5.9)	(10.8)	(12.0)	(10.2)	(4.2)	(5.8)	(11.4)
3	Special Area Programmes	578.9	4888.2	0.0	817.6	104.7	0.0	497.2	4534.4	61.1	3193.3
		(9.7)	(15.2)	(0.0)	(1.1)	(2.2)	(0.0)	(5.6)	(2.5)	(0.1)	(5.0)
4	Irrigation & Flood Control	151.2	6518.2	1404.8	4655.3	84.8	3313.4	520.8	16338.2	2661.1	2626.8
		(2.5)	(20.2)	(4.9)	(10.7)	(1.8)	(3.9)	(5.9)	(9.0)	(6.2)	(4.1)
5	Energy	646.9	3431.9	8075.1	26441.8	511.5	10743.3	636.4	26371.0	4966.1	17630.1
		(10.8)	(10.7)	(27.9)	(36.9)	(10.8)	(12.6)	(7.2)	(14.6)	(11.6)	(27.6)
6	Industry & Minerals	375.7	132.7	363.3	1005.0	233.9	3716.0	278.6	2347.1	324.3	1920.7
		(6.3)	(0.4)	(1.3)	(1.4)	(4.9)	(4.4)	(3.2)	(1.3)	(0.8)	(3.0)
7	Transport	821.9	3033.3	4290.3	4831.9	546.8	11647.0	1024.4	27328.6	8376.3	4601.6
		(13.8)	(9.4)	(14.8)	(6.7)	(11.6)	(13.7)	(11.6)	(15.1)	(19.6)	(7.2)
8	Communications	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
		(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
9	Science and Technology	55.4	1176.9	8.5	31.1	147.6	146.6	43.7	303.9	590.1	592.9
		(0.9)	(3.7)	(0.0)	(0.0)	(3.1)	(0.2)	(0.5)	(0.2)	(1.4)	(0.9)
10	General Economic Services	341.1	1670.5	2080.4	754.0	158.8	284.2	255.5	11798.8	1567.4	310.3
		(5.7)	(5.2)	(7.2)	(1.1)	(3.4)	(0.3)	(2.9)	(6.5)	(3.7)	(0.5)
11	Social Services	1854.2	8474.0	9469.6	20031.7	1882.3	36732.1	3827.3	64820.9	16547.9	23780.3
		(31.0)	(26.3)	(32.7)	(27.9)	(39.9)	(43.0)	(43.2)	(35.8)	(38.7)	(37.3)
12	General Services	345.9	326.3	384.1	4589.0	263.2	688.8	166.9	446.7	655.4	711.5
		(5.8)	(1.0)	(1.3)	(6.4)	(5.6)	(0.8)	(1.9)	(0.3)	(1.5)	(1.1)
	Grand Total	**578.0**	**32225.0**	**28923.0**	**71732.0**	**4720.0**	**85344.0**	**8852.0**	**181094.0**	**42798.0**	**63779.0**
		(100.0)	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**

TABLE 11.8 (CONTD.) ELEVENTH PLAN PROPOSED SECTORAL ALLOCATIONS FOR STATES/UTs

(Rs. crore at 2006-07 prices)

Sl. No.	Major Heads of Development	Total States	A & N Island	Chandi garh	D&N Haveli	Daman & Diu	Delhi	Laksha dweep	Pondi cherry	Total Uts	Total States/Uts
1	2		31	32	33	34	35	36	37		
1	Agriculture & Allied Activities	83927.2	107.5	4.3	29.6	21.6	163.8	185.3	1018.2	1530.4	85457.3
		(5.9)	(2.6)	(0.2)	(2.3)	(2.4)	(0.3)	(8.8)	(9.4)	(2.0)	(5.7)
2	Rural Development	109344.0	221.6	19.2	35.4	15.6	712.7	12.3	378.3	1395.0	110739.0
		(7.7)	(5.4)	(0.9)	(2.7)	(1.7)	(1.3)	(0.6)	(3.5)	(1.8)	(7.4)
3	Special Area Programmes	26329.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26329.0
		(1.9)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(1.8)
4	Irrigation & Flood Control	202746.2	52.9	3.2	52.4	27.9	333.7	47.6	315.0	832.6	203578.8
		(14.4)	(1.3)	(0.2)	(4.0)	(3.1)	(0.6)	(2.3)	(2.9)	(1.1)	(13.7)
5	Energy	218326.7	184.0	305.2	235.1	138.1	5488.7	165.3	541.6	7057.9	225384.7
		(15.5)	(4.5)	(14.3)	(18.1)	(15.3)	(10.0)	(7.9)	(5.0)	(9.3)	(15.2)
6	Industry & Minerals	30812.3	27.4	4.1	45.4	35.1	548.0	9.1	539.4	1208.5	32020.8
		(2.2)	(0.7)	(0.2)	(3.5)	(3.9)	(1.0)	(0.4)	(5.0)	(1.6)	(2.2)
7	Transport	163827.0	1843.6	189.6	136.8	179.7	18572.9	564.9	822.5	22310.1	186137.0
		(11.6)	(45.0)	(8.9)	(10.5)	(20.0)	(33.9)	(26.9)	(7.6)	(29.3)	(12.5)
8	Communications	42.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	42.9
		(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
9	Science and Technology	11763.0	93.4	151.1	117.6	12.3	81.9	81.9	186.3	724.4	12487.4
		(0.8)	(2.3)	(7.1)	(9.1)	(1.4)	(0.2)	(3.9)	(1.7)	(1.0)	(0.8)
10	General Economic Services	46240.7	73.2	15.8	71.0	61.5	173.5	638.4	438.2	1471.6	47712.4
		(3.3)	(1.8)	(0.8)	(5.5)	(6.8)	(0.3)	(30.4)	(4.1)	(1.9)	(3.2)
11	Social Services	486232.1	1237.4	1418.2	527.2	370.6	27434.5	297.1	5946.9	37232.0	523463.1
		(34.4)	(30.2)	(66.5)	(40.6)	(41.2)	(50.1)	(14.2)	(55.1)	(48.9)	(35.2)
12	General Services	32438.4	258.9	21.1	49.5	37.6	1289.5	98.0	600.8	2355.5	34793.9
		(2.3)	(6.3)	(1.0)	(3.8)	(4.2)	(2.4)	(4.7)	(5.6)	(3.1)	(2.3)
	GRAND TOTAL	**1412029.4**	**4100.0**	**2132.0**	**1300.0**	**900.0**	**54799.2**	**2100.0**	**10787.0**	**76118.2**	**1488147.5**
		(100.0)	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**

Note : (1) Figures in bracket are inter- percentages.

Source : Planning Commission - Annual Plan

TABLE 11.9 STATE-WISE GROWTH TARGET FOR THE ELEVENTH FIVE YEAR PLAN : 2007-12

(Annual Averages in %)

Sl. No.	States/Uts	Statewise Growth Target			GSDP Growth
		Agriculture	Industry	Services	
1	2	3	4	5	6
1	Andaman & Nicobar Islands	6.4	5.0	5.0	5.4
2	Andhra Pradesh	4.0	12.0	10.4	9.5
3	Arunachal Pradesh	2.8	8.0	7.2	6.4
4	Assam	2.0	8.0	8.0	6.5
5	Bihar	7.0	8.0	8.0	7.6
6	Chandigarh	0.0	17.0	12.3	13.5
7	Chhattisgarh	1.7	12.0	8.0	8.6
8	Goa	4.1	12.0	11.1	11.2
9	Delhi	7.7	15.7	9.0	12.1
10	Gujarat	5.5	14.0	10.5	11.2
11	Haryana	5.3	14.0	12.0	11.0
12	Himachal Pradesh	3.0	14.5	7.5	9.5
13	Jammu & Kashmir	4.3	9.8	6.4	6.4
14	Jharkhand	6.3	12.0	8.0	9.8
15	Karnataka	5.4	12.5	12.0	11.2
16	Kerala	0.3	9.0	11.0	9.5
17	Madhaya Pradesh	4.4	8.0	7.0	6.7
18	Maharashtra	4.4	8.0	10.2	9.1
19	Manipur	1.2	8.0	7.0	5.9
20	Meghalaya	4.7	8.0	7.9	7.3
21	Mizoram	1.6	8.0	8.0	7.1
22	Nagaland	8.4	8.0	10.0	9.3
23	Orissa	3.0	12.0	9.6	8.8
24	Pondicherry	0.0	15.0	10.4	13.0
25	Punjab	2.4	8.0	7.4	5.9
26	Rajasthan	3.5	8.0	8.9	7.4
27	Sikkim	3.3	8.0	7.2	6.7
28	Tamil Nadu	4.7	8.0	9.4	8.5
29	Tripura	1.4	8.0	8.0	6.9
30	Uttar Pradesh	3.0	8.0	7.1	6.1
31	Uttarakhand	3.0	12.0	11.0	9.9
32	West Bangal	4.0	11.0	11.0	9.7
	All India	**4.1**	**10.5**	**9.9**	**9.0**

NB: GSDP denotes Gross State Domestic Product

Source : Planning Commission - Eleventh Five Year Plan Document

TABLE 11.10 MINISTRY/DEPARTMENT-WISE OUTLAYS FOR TENTH & ELEVENTH PLAN

(Rs. Crore)

Sl. No.	Ministry/Dapartment	Tenth Plan Outlay	Eleventh Plan Outlay
1	2	3	4
A	**Industry & Minerals**		
1	Steel	11044.0	45607.1
2	Fertilizers	5900.0	20627.9
3	Chemical & Petrochemicals	3044.0	2256.4
4	Industrial Policy & Promotion	2000.0	4183.0
5	Heavy Industry	2063.0	11301.7
6	Public Enterprises	50.0	54.0
7	Textiles	3580.0	14000.0
8	Consumer Affairs	55.0	1083.0
9	Company Affairs (Corporate Affairs)	50.0	21.0
10	Petroleum (Prtrochemicals & Engineering)	7614.8	15557.0
11	Ship Building	1047.9	720.0
12	Atomic Energy (I&M)	3349.5	10979.1
13	Biotechnology	30.0	750.0
14	DSIR	25.0	150.0
15	Earth Scviences (Ocean Development)	100.0	319.0

Source: Planning Commission - Televenth Plan Document

TABLE 11.11 MACRO ECONOMIC INDICATORAS FOR THE ELEVENTH PLAN

	Factor Cost	X Plan (Actual)*	XI Plan (Average)
	1	4	4
1	Growth rate of GDP (%); of which;	7.2	9.0
	1a. Agricultue	1.7	4.1
	1b. Industry	8.3	10.5
	1c. Services	9.0	9.9
2	Investment rate (% of GDP) of which:	27.8	35.1
	2a. Public	6.7	10.2
	2b. Private	21.1	24.9
3	Domestic Savings rate (% of GDP) of which;	28.2	32.3
	3a. Household	22.8	22.0
	3b. Corporate	4.5	6.1
	3c. PSEs	4.2	3.0
	3d. Government	(-)3.2	1.2
4	Current Account balance (% of GDP)	0.2	(-)2.8
5	Government revenue balance (% of GDP)	(-)4.4	(-)0.2
6	Government fiscal balance (% of GDP)	(-)8.0	(-)6.0

*1. GDP growth rate is actual upto 2005-06 and as estimated by the EAC to PM for 2006-07. Saving rate, investment rate and CAB are actual upto 2004-05.

2. Government fiscal balance and revenue balance are based on actuals (3 years for Centre and two years for States) and for remaining years RE/BE/Projected.

Source : Planning Commission - Eleventh Plan Document

TABLE 11.12 SOCIO-ECONOMIC INDICATORS OF CHANGE (1992-2007)

		1991-92	1996-97	2006-2007
	1	2	3	4
1	Life expectancy (in terms of years) Male	57.7	60.1	66.1
	Female	58.7	61.1	67.1
2	Infant mortality rate (per thousand births)	78(a)	68(b)	48
3	Death rate (per thousand)	10	8.7	7.4
4	Birth rate (per thousand)	28.9	25.72	21.7
5	Fertility rate (per thousand)	130.3	113	91.4
6	Literacy rate(%) 15-35 Years	56	90	100
	7 Years and above	52	75	90
7	Per Capita consumption of food grains (KG)	182	193.6	225
8	(a) Villages without drinking water (Thousands)	3.0(d)	0	0
	(b) Villages partially covered (less than 40 lpcd)	150	negligible	0
9	Electricity as a source of lightining (% of dwelling			
	Rural	27(c)	50	80
	Urban	75(c)	80	95

(a) Estimate based on SRS data

(b) Based on assumptions implicit in lthe population projections made by the standing Committee on Exports on Population Projections (1989)

(c) Estimates for 1988-89 based on NSS 44th Round

(d) The figures indicated the number of villages not having any source of drinking water by end of March 1992

lpcd : Litres per Capita per day

Source : (I) Planning Commission

(ii) Ministry of Rural Development

TABLE 11.13 REVISED ESTIMATES OF ANNUAL PLAN 2006-07 AND BUDGET ESTIMATES OF ANNUAL PLAN 2007-08

(Rs. Crore)

S. No.	Head of Development	Annual Plan 2006-2007 Centre Revised Estimates			States & UTs	Total	Annual Plan 2007-2008 Centre Budget Estimates			States & UTs	Total
		Budget Support	IEBR	Outlay			Budget Support	IEBR	Outlay		
	1	2	3	4	5	6	7	8	9	10	11
1	Agriculture & Allied activities	7279.27	112.38	7391.65	9595.25	16986.90	8389.36	168.71	8558.07	10812.00	19370.06
2	Rural Development	15642.75	0.00	15642.75	14814.90	30457.65	16705.80	0.00	16705.80	15803.00	32508.82
3	Irrigation & Flood Control	461.75	0.00	461.75	31658.00	32119.77	507.00	0.00	507.00	38051.00	38558.11
4	Energy	6761.66	62063.63	68825.29	19471.00	88296.30	8014.78	71143.70	79158.50	27117.00	106275.40
5	Industry & Minerals	5425.11	7162.66	12587.77	4428.76	17016.53	6817.02	13617.40	20434.40	4568.40	25002.77
6	Transport	24808.62	25010.19	49818.81	24806.40	74625.21	26015.70	45573.40	71589.00	30308.00	101897.40
7	Communications	537.71	17313.70	17851.41	269.32	18120.73	589.66	25221.90	25812.00		25812.00
8	Science, Technology & Environment	6773.95	0.00	6773.95	484.31	7258.26	8816.01	0.00	8816.00	1562.00	10378.03
9	General Economic Services	2565.51	0.00	2565.51	6125.92	8691.43	3558.81	73.35	3632.00	8119.00	11751.03
10	Social Services	55711.18	6056.95	61768.13	65969.60	127737.71	74696.40	9254.30	83950.70	89011.00	172961.50
11	General Services	542.24	0.00	542.24	3544.33	4086.57	828.88	0.00	829.00	6238.20	7067.22
12	Special Area Programmes	0.00	0.00	0.00	5840.15	5840.15	0.00	0.00	0.00	7732.40	7732.39
	Total	**126509.75**	**117719.51**	**244229.30**	**187007.94**	**431237.21**	**154939.00**	**165053.00**	**319992.00**	**239322.00**	**559314.36**

Source : Planning Commission - Annual Plan 2007-08

TABLE 11.14 ANNUAL PLAN 2006-07 REVISED APPROVED OUTLAY - STATES/UTs

(Rs. Lakh)

Sl. No.	Major Heads/Minor Heads of Development	Andhra Pradesh	Arunachal Pradesh	Assam *	Bihar	Chhatis garh	Goa *	Gujrat *
1	2	3	4	5	6		7	8
I.	Agriculture and Allied Activities	59443.43	7650.00	14181.00	28473.86	34650.13	5116.46	59082.00
		2.97	7.23	3.73	3.28	5.78	4.26	4.73
II.	Rural Development	122874.36	1854.00	23181.00	82464.16	53867.75	3085.00	41581.00
		6.14	0.00	6.10	9.51	8.98	2.57	3.33
III.	Special Area Programmes	38750.00	9121.00	48917.00	2806.00	4975.02	413.54	0.00
		1.94	8.62	12.88	0.32	0.83	0.34	0.00
IV.	Irrigation and Flood Control	1000000.00	5508.00	14971.00	67976.50	82344.17	168115.00	388720.00
		50.00	5.20	3.94	7.84	13.73	140.10	31.09
V.	Energy	22664.97	10158.00	42565.00	48926.85	4157.30	11580.00	102073.00
		1.13	9.60	11.21	5.64	0.69	9.65	8.16
VI.	Industry and Minerals	35837.64	753.00	8892.00	55048.98	12785.50	3654.00	38750.00
		1.79	0.71	2.34	6.35	2.13	3.05	3.10
VII.	Transport	94529.13	16155.00	44100.00	256341.98	74140.05	12368.00	121652.00
		4.73	15.26	11.61	29.56	12.36	10.31	9.73
VIII.	Communication	0.00	0.00	0.00	0.00	0.00	1500.00	11994.00
		0.00	0.00	0.00	0.00	0.00	1.25	0.96
IX.	Science, Technology and Environment	113.64	1020.00	185.00	595.00	1251.00	370.00	2386.00
		0.01	0.96	0.05	0.07	0.21	0.31	0.19
X.	General Econiomics Services	39022.18	23914.00	43453.00	45984.81	30025.69	3265.00	30325.00
		1.95	22.59	11.44	5.30	5.01	2.72	2.43
XI.	Social Services	571024.78	27964.00	96313.00	268211.89	294854.76	53018.00	453034.00
		28.55	26.42	25.36	30.93	49.17	44.18	36.23
XII.	General Service	15739.87	1756.00	43042.00	10257.37	6560.12	8815.00	753.00
		0.79	1.66	11.33	1.18	1.09	7.35	0.06
	Grand Total	**2000000.00**	**105853.00**	**379800.00**	**867087.40**	**599611.49**	**120000.00**	**1250350.00**
		(100.0)	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**

TABLE 11.14 (CONTD.) ANNUAL PLAN 2006-07 REVISED APPROVED OUTLAY - STATES/UTs

(Rs. Lakh)

S. No.	Major Heads/Minor Heads of Development	Haryana	Himachal Pradesh	Jammu & Kashmir*	Jhark hand	Karna taka	Kerala	Madhya Pradesh	Mahara shtra *
1	2	9	10	11	12	12	13	14	15
I.	Agriculture and Allied Activities	16231.00	23183.78	26663.55	35130.00	103828.91	36033.00	54961.81	61785.74
		4.92	12.88	6.13	7.33	6.03	5.80	5.87	4.17
II.	Rural Development	16731.00	5461.94	15071.36	98944.56	80145.26	172091.00	151725.91	103591.13
		5.07	3.03	3.47	20.63	4.65	27.71	16.22	6.99
III.	Special Area Programmes	1800.00	504.00	32130.40	39212.00	9225.00	2813.00	0.00	60395.00
		0.55	0.28	7.39	8.18	0.54	0.45	0.00	4.07
IV.	Irrigation and Flood Control	49800.00	17017.31	15058.57	38200.00	454247.16	26158.00	158642.65	274295.61
		15.09	9.45	3.46	7.97	26.37	4.21	16.95	18.50
V.	Energy	44900.00	7701.00	97292.55	38500.00	182713.69	91129.00	102469.72	140599.29
		13.61	4.28	22.38	8.03	10.61	14.67	10.95	9.48
VI.	Industry and Minerals	5310.00	3067.56	10154.82	13875.00	31284.54	10463.00	9798.08	18695.81
		1.61	1.70	2.34	2.89	1.82	1.68	1.05	1.26
VII.	Transport	30320.00	20950.63	39952.97	32800.00	244894.03	86030.00	114704.51	175711.12
		9.19	11.64	9.19	6.84	14.21	13.85	12.26	11.85
VIII.	Communication	0.00	1145.00	1133.72	0.00	0.00	3902.00	1060.92	0.00
		0.00	0.64	0.26	0.00	0.00	0.63	0.11	0.00
IX.	Science, Technology and Environment	390.00	40.00	183.00	2750.00	5768.06	5300.00	1370.58	1700.00
		0.12	0.02	0.04	0.57	0.33	0.85	0.15	0.11
X.	General Economic Services	3320.00	6068.78	46085.80	7953.00	33513.71	19620.00	26638.67	48941.58
		1.01	3.37	10.60	1.66	1.95	3.16	2.85	3.30
XI.	Social Services	157382.00	89014.35	96414.16	155065.44	547837.09	164491.00	289399.43	585064.72
		47.69	49.45	22.18	32.34	31.80	26.49	30.93	39.45
XII.	General Services	3816.00	5845.65	54626.10	17070.00	29337.91	2970.00	25105.53	12120.00
		1.16	3.25	12.56	3.56	1.70	0.48	2.68	0.82
	Grand Total	**330000.00**	**180000.00**	**434767.00**	**479500.00**	**1722795.36**	**621000.00**	**935677.81**	**1482900.00**
		(100.0)	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**

TABLE 11.14 (CONTD.) ANNUAL PLAN 2006-07 REVISED APPROVED OUTLAY - STATES/UTs

(Rs. Lakh)

Sl. No.	Major Heads/Minor Heads of Development	Manipur	Meghalaya	Mizoram	Nagaland	Orissa	Punjab *	Rajas than
1	2	16	17	18	19	20	21	22
I.	Agriculture and Allied Activities	3749.70	8112.00	7293.92	8688.00	12509.91	13569.69	25402.50
		2.11	9.01	9.55	10.97	0.35	3.39	3.08
II.	Rural Development	3246.00	7513.00	3713.59	3986.00	17396.06	20735.00	67208.85
		1.83	8.35	4.86	5.03	0.48	5.18	8.15
III.	Special Area Programmes	3558.00	735.00	4401.00	10309.88	67613.61	750.00	9914.05
		2.00	0.82	5.76	13.02	1.88	0.19	1.20
IV.	Irrigation and Flood Control	23363.56	1266.00	3169.00	3410.00	77080.01	29224.20	75918.27
		13.15	1.41	4.15	4.31	2.14	7.31	9.20
V.	Energy	10008.49	22835.00	8785.00	6743.00	12192.82	92262.30	219258.45
		5.63	25.37	11.50	8.51	0.34	23.07	26.58
VI.	Industry and Minerals	8160.43	3467.00	2650.00	3693.45	9821.65	33.00	21125.60
		4.59	3.85	3.47	4.66	0.27	0.01	2.56
VII.	Transport	10277.00	11563.00	11938.39	8801.32	36272.94	72050.34	96849.31
		5.79	12.85	15.63	11.11	1.01	18.01	11.74
VII.	Communication	0.00	635.00	579.54	0.00	0.00	3040.10	0.00
		0.00	0.71	0.76	0.00	0.00	0.76	0.00
IX.	Science, Technology and Environment	200.00	185.00	155.00	724.00	3733.03	380.30	226.08
		0.11	0.21	0.20	0.91	0.10	0.10	0.03
X.	General Economic Services	7146.65	2770.00	3512.30	3601.41	17060.89	103129.44	18631.64
		4.02	3.08	4.60	4.55	0.47	25.78	2.26
XI.	Social Services	35968.83	27659.00	28354.03	25402.03	99322.41	60980.33	283211.78
		20.25	30.73	37.13	32.08	2.76	15.25	34.33
XII.	General Services	11966.24	3260.00	1814.53	3831.61	6996.67	3845.30	7253.47
		6.74	3.62	2.38	4.84	0.19	0.96	0.88
	Grand Total	**177644.90**	**90000.00**	**76366.30**	**79190.70**	**3600010.00**	**400000.00**	**825000.00**
		(100.0)	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**

TABLE 11.14(CONTD.) ANNUAL PLAN 2006-07 REVISED APPROVED OUTLAY - STATES/UTs

(Rs. Lakh)

Sl. No.	Major Heads/Minor Heads pf Development	Sikkim	Tamil Nadu	Tripura	Uttar Pradesh	Uttara Khand	West Bengal	Total States
1	2	23	24	25	26	27	28	29
I.	Agri.and Allied Activities	3408.00	112656.62	5854.81	110755.00	42709.00	17513.60	938637.42
		6.17	9.01	6.70	5.83	10.63	2.31	5.24
II.	Rural Development	6255.50	150838.87	6012.31	105998.00	24009.00	71154.00	1460735.61
		11.33	12.07	6.88	5.58	5.98	9.40	8.16
III.	Special Area Programmes	2908.00	5254.00	6658.92	164483.00	1000.00	55367.62	584015.04
		5.27	0.42	7.62	8.66	0.25	7.31	3.26
IV.	Irri. and Flood Control	1516.00	38689.13	4963.58	247321.00	14134.00	29139.00	3158747.72
		2.74	3.10	5.68	13.02	3.52	3.85	17.64
V.	Energy	2926.00	169685.00	4960.22	170211.00	44915.00	189469.00	1901681.65
		5.30	13.57	5.68	8.96	11.18	25.02	10.62
VI.	Industry amd Minerals	1063.00	68109.65	3177.45	6122.00	5737.00	37905.00	429435.16
		1.92	5.45	3.64	0.32	1.43	5.00	2.40
VII.	Transport	6205.00	153466.64	11359.71	390992.00	60252.00	52808.80	2287485.87
		11.23	12.28	13.00	20.58	15.00	6.97	12.77
VIII.	Communication	1155.00	0.00	3.28	0.00	0.00	0.00	26148.56
		2.09	0.00	0.00	0.00	0.00	0.00	0.15
IX.	Science, Technology and Environment	228.84	3183.02	238.91	646.00	10990.00	3145.00	47457.46
		0.41	0.25	0.27	0.03	2.74	0.42	0.26
X.	General Economic Serices	4486.32	12387.81	1085.26	3773.00	14176.00	3702.50	603594.44
		8.12	0.99	1.24	0.20	3.53	0.49	3.37
XI.	Social Services	22781.19	527437.04	40174.87	691644.00	173904.00	23378.64	6154106.77
		41.25	42.19	45.99	36.40	43.29	3.09	34.36
XII.	General Service	2299.33	8292.22	2873.62	8055.00	9900.00	8969.70	317172.24
		4.16	0.66	3.29	0.42	2.46	1.18	1.77
	Grand Total	**55232.18**	**1250000.00**	**87362.94**	**1900000.00**	**401726.00**	**757352.86**	**17909217.94**
		(100.0)	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**

TABLE 11.14(CONTD.) ANNUAL PLAN 2006-07 REVISED APPROVED OUTLAY - STATES/UTs

(Rs. Lakh)

Sl. No.	Major Heads/Minor Heads of Development	A&N Island*	Chandi garh*	D&N Haveli*	Daman & Diu*	Delhi	Laksha-dweep*	Pondi-cherry	Total (UTs)
1	2	30	31	32	33	34	35	36	37
I	Agriculture and Allied Activities	6378.00	551.00	762.00	302.50	2516.15	1225.00	9153.00	20887.65
		5.70	2.54	10.82	4.72	0.48	6.08	8.77	2.64
II.	Rural Development	3909.00	245.00	153.00	161.50	13205.00	100.00	2980.75	20754.25
		3.49	1.13	2.17	2.52	2.54	0.50	2.86	2.62
III.	Special Area Programmes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IV.	Irrigation and Flood Control	520.00	205.00	116.00	59.00	1626.00	125.00	4403.00	7054.00
		0.46	0.95	1.65	0.92	0.31	0.62	4.22	0.89
V.	Energy	7700.00	1939.00	1042.00	1329.00	25894.00	3000.00	4515.00	45419.00
		6.88	8.95	14.80	20.73	4.98	14.88	4.33	5.74
VI.	Industry and Minerals	845.00	69.00	40.00	45.00	2002.97	74.00	10364.50	13440.47
		0.75	0.32	0.57	0.70	0.39	0.37	9.93	1.70
VII.	Transport	27933.00	639.00	1691.00	1487.00	141402.02	10375.00	9627.00	193154.02
		24.95	2.95	24.01	23.19	27.19	51.47	9.23	24.40
VIII.	Communication	200.00	436.00	0.00	0.00	0.00	147.00	0.00	783.00
		0.18	2.01	0.00	0.00	0.00	0.73	0.00	0.10
IX	Science, Technology and Environment	42.00	135.00	12.00	35.00	370.00	134.00	246.00	974.00
		0.04	0.62	0.17	0.55	0.07	0.66	0.24	0.12
X.	General Economic Serices	3440.00	136.00	246.00	384.00	1627.00	157.00	3007.32	8997.32
		3.07	0.63	3.49	5.99	0.31	0.78	2.88	1.14
XI.	Social Services	56398.02	17036.00	2637.00	2170.90	207921.99	4371.60	52316.49	442851.60
		50.38	78.63	37.45	33.86	39.98	21.69	50.14	55.95
XII.	General Service	4588.00	275.00	343.00	437.10	23435.27	450.00	7731.94	37260.31
		4.10	1.27	4.87	6.82	4.51	2.23	7.41	4.71
	Grand Total	**111953.02**	**21666.00**	**7042.00**	**6411.00**	**520000.00**	**20158.60**	**104345.00**	**791575.62**
		(100.0)	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**	**(100.0)**

Source : Planning Commission - Annual Plan 2007-08

TABLE 11.15 SUB-SECTOR WISE OUTLAYS/EXPENDITURE ANNUAL PLAN 2007-08

S. No.	Industry/Sub-Sector	2005-06 Actual	2006-07(BE) Outlays	BS	IEBR	2006-07(RE)/Exp. Exp.	BS	IEBR	2007-08 Outlays	BS	IEBR
1	Ministry of MSME	1272.35	1495.33	1433.33	62.00	1283.68	1360.83	57.22	1690.25	1642.00	48.25
2	Ministry of Textiles (VSE)	433.13	451.75	451.75	0.00	431.32	433.60	0.00	670.00	670.00	0.00
3	Ministry of Food Processing Industries	119.65	166.90	166.90	0.00	152.96	152.96	0.00	250.00	250.00	0.00

Source: Annual Plan 2007-08.

TABLE 11.16 PHYSICAL PERFORMANCE AND ACHIEVEMENTS (ANNUAL PLAN 2007-08)

Sector/Sub-Sector	Unit	AP 2005-06 Actual	AP 2006-07 Target	Achievements	AP2007-08 Target
1	2	3	4	5	6
Production					
Textiles Sector					
Handloom cloth	Mill. Sq. Mt.	6108.00		6539(P)	
Powrloom cloth	Mill. Sq. Mt.	30626.00	28875.00	32904(P)	36803.00
Handicrafts	Crore				
Raw Silk	MT	17305.00	21800.00	18475.00	20375.00
Raw Wool	Mill. Kg.	44.90		45.20	
MSME Sector					
MSME	Rs. Crore	497842.00	566404.00	587196(P)	682613.00
Khadi cloth	Rs. Crore	468.30	485.18	491.52	525.00
Village Industries	Rs. Crore	11915.54	14264.82	13537.19	14550.00
Coir Fibre	000 Ton	410000.00	450000.00	430025.00	470000.00
Exports					
Textiles Sector					
Handicrafts	Rs. Crore				
Silk	Rs. Crore	3194.20	3200.00	3244.44	3770.00
MSME Sector					
MSME	Rs. Crore	150242.00			
Coir Industries	Rs. Crore	508.45	560.00	605.17	680.00
Employment					
Textiles Sector					
Handlooms	Lakh Persons				
Handicrafts	Lakh Persons	65.72	67.69	67.69	70.27
Sericulture	Lakh Persons	59.50	60.03	60.03	64.11
Wool & Wool Dev.	Lakh Persons			27.00	
MSME Sector					
MSME	Lakh Persons	299.85	306.93	312.52(P)	322.28
Khadi & Village Industries	Lakh Persons	82.77	85.22	88.92	96.25
PMRY	Lakh Persons	4.01	3.83	3056.00	4.12
Coir Industries	Lakh Persons	6.22	6.40	6.40	6.60

Note: (P) Provisional

Source: Annual Plan 2007-08.

CHAPTER - XII

TRENDS IN PRICES

BASIC INFORMATION ABOUT THE CURRENT WHOLESALE PRICE INDEX (WPI)

Wholesale price used in the WPI is the basic (ex-factory/ex-mining) price of a commodity minus trade discount (if any) plus central excise duty (including cess). Under the existing series of WPI, the prices are collected for 435 commodities. The number of commodities remains unchanged, price tend to vary.

1. Base year: 1993-94 = 100 (previous series 1981-82 =100)

2. No. of items and quotations in the 1993-94 series of WPI figures

Commodity basket	Weight (%)	Items(No.)	Quotations(No.)	Source of price data
All commodities	100.00	435	1918	497
Primary articles	22.02	98(22.53)	455(23.72)	31(6.24)
Fuel, power, light & lubricant	14.23	19(4.37)	72(3.75)	9(1.81)
ManufacturedProducts	63.75	318(73.10)	1391(72.52)	457(91.95)

(figures in bracket are percentage to column total)

3. (a) No. of essential commodities in the WPI basket =30
   (b) Weight of 30 items in the WPI =17.63%

4. Break-up of sources of price quotations of 1993-94 series

Total	Government	Non- Government
1918 (100.00)	833 (43.00)	1085 (57.00)

5. Geographical spread of sources of 1993-94 series
   Delhi = 741 No.s (39.00)
   Outside Delhi = 1177 No.s (61.00)

6. Average response rate (as on 15.3.2005) = 7.013%
   (i) Mineral items have highest response rate of 100%
   (ii) Non- metallic Mineral products have lowest response rate of 52.38%

7. WPI data are released on weekly frequency. They are released on provisional basis with a time lag of 2weeks from the date of release. As for instance, data released on 25.3.2005 pertain to the week-ended 12.3.05. Finalized data are released with a time lag of 8 weeks.

8. Method for construction of WPI
   Laspeyre's formula is used to measure WPI

$$WPI = \frac{[Q0P0X(Pn/P0)}{[\ Q0P0]}$$

BASIC INFORMATION ABOUT THE CURRENT WHOLESALE PRICE INDEX (WPI)

9. Formula for measuring contribution of a sub-group to overall change in WPI during a specified period: (Change in sub-group Index divided by the change in all-commodity WPI of initial (previous) point of time) multiplied by the weights of the sub-group.

10. For linking the indices of base 1981-82 =100 to the indices of base 1993-94 =100, the linking factor is 2.478. Thus, the WPI with base 1981-82, when converted to 1993-94 base, would be WPI number of 1981-82 multiplied by 2.478. Similarly, WPI of base 1993-94 =100 when converted to WPI of base 1981-82 =100 would be the WPI number of 1993-94 base divided by 2.478.

11. WPI is complied by the Office of the Economic Adviser in the Department of Industrial Policy & Promotion. Matters relating to WPI can be accessed at the website *http:/eaindustry.nic.in*

12. Wholesale Price Indices and Inflation Rate (%) over years based on WPI (base year 1993- 94 =100).

Year	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
Index	155.7	161.3	166.8	175.9	187.3	195.6	206.2	215.7	233.9
Inflation (%)	7.16	3.60	3.41	5.46	6.48	4.43	5.42	4.6	8.4

The index number for 1994-95 is 112.6. This means that the wholesale prices of 'all-commodities' increased by 12.6% in 1994-95 over 1993-94. The index for 2000-01 is 155.7. This implies that compared to the price in 1993-94, the price in 2000-01 was 55.7% higher. It also implies that from 1993-94 to 2000-01, prices rose by 55.7%. It further implies that price in 2000-01 was 155.7% of what it was in 1993-94.

It is very important to understand that changes in the Index from year to year may not be interpreted as percentages when one of the two years is the base year. The fact that the Index for 2000-01 is 155.7 and for 2001-02 is 161.3 does not imply that the price in 2001-02 was 61.3-55.7 =5.6% higher than in 2000-01. Comparisons in terms of percentages may be made only with the base-year. We can only say that price in 2000-01 was 55.7% higher than 1993-94 and was 61.3% higher in 2001-02 than in 1993-94.

13. Changing the base period of an Index:

It is done by changing the index number of the new base period so that it will equal 100 and than to change all other number using the same operation. Thus, all number in the old index is divided by the index value of the proposed new base period, and them by 100:

New Index Value = Old Index Value/Index Value of new base*100

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

TABLE 12.1 WHOLESALE PRICE INDEX - FINANCIAL AVERAGE OF MAJOR GROUPS AND SUB-GROUPS

(Base : 1993-94=100)

	Major Groups/Groups	Weight	Financial Averages 2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	Percentage Change 2004-05	2005-06	2006-07	2007-08	2008-09
	All Commodtties	**100.00000**	**175.9**	**187.3**	**195.6**	**206.2**	**215.7**	**233.9**	**6.5**	**4.4**	**5.4**	**4.6**	**8.4**
I.	Primary Article	22.02525	181.5	188.1	193.6	208.7	224.4	247.3	3.6	2.9	7.8	7.5	10.2
A.	Food Articles	15.40246	181.5	186.3	195.3	210.5	222.0	239.8	2.6	4.8	7.8	5.5	8.0
B.	Non-Food Articles	6.13812	186.3	187.6	179.1	188.2	211.9	235.8	0.7	(-)4.5	5.1	12.6	11.3
C.	Minerals	0.48468	121.6	255.1	322.8	413.6	460.4	631.6	109.8	26.5	28.1	11.3	37.2
II.	Fuel Power Light & Lubricant	14.22624	254.5	280.2	306.8	323.9	327.0	351.4	10.1	9.5	5.6	1.0	7.5
III.	Manufactured Products	63.74851	156.5	166.3	171.4	179.0	187.8	203.1	6.3	3.1	4.4	4.9	8.1
A.	Food Products	11.53781	166.7	174.9	176.8	182.5	190.2	209.3	4.9	1.1	3.2	4.2	10.0
	Beverages Tobacco & Tobacco Product	1.33912	205.6	216.2	226.8	243.5	268.3	294.0	5.2	4.9	7.4	10.2	9.6
C.	Textiles	9.79992	131.6	135.7	129.5	132.3	130.9	138.8	3.1	(-)4.6	2.2	(-)1.1	6.0
D.	Wood & Wood Products	0.17306	179.4	179.5	194.6	206.3	215.9	233.9	0.1	8.4	6.0	4.7	8.3
E.	Paper & Paper Products	2.04403	173.3	174.6	178.5	190.7	194.2	202.7	0.8	2.2	6.8	1.8	4.4
F.	Leather & Leather Products	1.01933	146.9	155.7	166.8	159.5	166.1	167.9	6.0	7.1	(-)4.4	4.1	1.1
G.	Rubber & Plastic Products	2.38819	135.0	134.5	139.1	148.2	158.9	166.3	(-)0.4	3.4	6.5	7.2	4.7
H.	Chemical & Chemical Products	11.93121	177.2	181.7	188.2	193.9	204.6	219.5	2.5	3.6	3.0	5.5	7.3
I.	Non-Mettallic Mineral Products	2.51591	148.3	157.7	170.0	191.7	208.7	216.6	6.3	7.8	12.8	8.9	3.8
	Basic Metal Alloys & Metals Products	8.34186	167.8	203.3	218.4	233.3	248.6	285.3	21.2	7.4	6.8	6.6	14.8
K.	Machinery & Machine Tools	8.36331	132.7	140.2	147.4	155.6	166.6	174.5	5.7	5.1	5.6	7.1	4.7
L	Transport Equipment & Parts	4.29475	147.4	154.3	159.9	162.4	166.8	175.0	4.7	3.6	1.6	2.7	5.2

Source: Office of the Economic Adviser, Ministry of Commerce & Industry

TABLE 12.2 INDEX NUMBERS OF WHOLESALE PRICE (AVERAGE OF MONTHS)
(Base: 1981-82=100)

Year	General Index of wholesale Prices (Weight= 100.00)	Percentage change compared to previous year	Wholesale Prices Index for Manu-factured Products (Weight=63.75)	Percentage change compared to previous year
1	2	3	4	5
1971-72	105.6	5.6	109.5	9.5
1975-76	173.0	(–)1.1	171.2	1.4
1976-77	176.6	2.1	175.2	2.3
1977-78	185.8	5.2	179.2	2.3
1978-79	185.8	—	179.5	0.2
1979-80	217.6	17.1	215.8	20.2
1980-81	257.5	18.2	257.3	19.2
1981-82	100.0	9.3	270.6	5.2
1982-83	104.9	4.9	103.5	3.0
1983-84	112.8	7.5	109.8	6.0
1984-85	120.1	6.5	117.5	7.0
1985-86	125.4	4.4	124.5	6.0
1986-87	132.7	5.8	129.2	3.0
1987-88	143.5	8.1	138.5	7.0
1988-89	154.2	7.5	151.5	9.4
1989-90	165.7	7.5	168.6	11.3
1990-91	182.7	10.3	182.8	8.4
1991-92	207.8	13.7	203.4	11.3
1992-93	228.7	10.1	225.6	10.9
		(Base : 1993-94=100)		
1993-94	100.0	—	100.0	—
1994-95	112.6	12.6	112.3	12.3
1995-96	121.6	8.0	121.9	8.5
1996-97	127.2	4.6	124.4	2.1
1997-98	132.8	4.4	128.0	2.9
1998-99	140.7	5.9	133.6	4.4
1999-00	145.3	3.3	137.2	2.7
2000-01	155.7	7.2	141.7	3.3
2001-02	161.3	3.6	144.3	1.8
2002-03	166.8	3.4	148.1	2.6
2003-04	175.9	5.5	156.5	5.7
2004-05	187.3	6.5	166.3	6.3
2005-06	195.6	4.4	171.4	3.1
2006-07	206.2	5.4	179.0	4.4
2007-08	215.7	4.6	187.8	4.9
2008-09	233.9	8.4	203.1	8.1

Note : Figures since 1971 - 72 to 1980-81 are based on old Base Year i.e 1970-71 = 100, and 1982-83 to 1992-93 are based on base year 1981-82=100

Source : Office of the Economic Adviser, Ministry of Commerce & Industry.

TABLE 12.3 ALL INDIA CONSUMER PRICE INDEX FOR INDUSTRIAL WORKERS (AVERAGE OF MONTHS)

Year Wise			(Base : 1960 = 100 , 1982=100 and 2001=100)		
Calendar Year	Base Year	General Index	Financial Year	Base Year	General Index
1	2	3	4	5	6
		I - Base Year 1960 =100			
1970	1960=100	184	1970-71	1960=100	186
1973	1960=100	236	1973-74	1960=100	250
1974	1960=100	304	1974-75	1960=100	317
1975	1960=100	321	1975-76	1960=100	313
1976	1960=100	296	1976-77	1960=100	301
1977	1960=100	321	1977-78	1960=100	324
1978	1960=100	329	1978-79	1960=100	331
1979	1960=100	350	1979-80	1960=100	360
1980	1960=100	390	1980-81	1960=100	401
1981	1960=100	441	1981-82	1960=100	451
1982	1960=100	475	1982-83	1960=100	486
1983	1960=100	532	1983-84	1960=100	547
1984	1960=100	576	1984-85	1960=100	582
1985	1960=100	608	1985-96	1960=100	620
1986	1960=100	661	1986-87	1960=100	674
1987	1960=100	719	1987-88	1960=100	736
1988*	1960=100	775	1988-89	1960=100	786
		II - Base Year 1982 =100			
1989	1982=100	171	1989-90	1982=100	173
1990	1982=100	186	1990-91	1982=100	193
1991	1982=100	212	1991-92	1982=100	219
1992	1982=100	237	1992-93	1982=100	240
1993	1982=100	252	1993-94	1982=100	258
1994	1982=100	278	1994-95	1982=100	284
1995	1982=100	306	1995-96	1982=100	313
1996	1982=100	334	1996-97	1982=100	342
1997	1982=100	358	1997-98	1982=100	366
1998	1982=100	405	1998-99	1982=100	414
1999	1982=100	424	1999-00	1982=100	428
2000	1982=100	441	2000-01	1982=100	444
2001	1982=100	458	2001-02	1982=100	463
2002	1982=100	477	2002-03	1982=100	482
2003	1982=100	496	2003-04	1982=100	500
2004	1982=100	514	2004-05	1982=100	520
2005	1982=100	536	2005-06*	1982=100	540@
		III - Base Year 2001 =100			
2006	2001=100	123	2006-07	2001=100	125
2007	2001=100	131	2007-08	2001=100	133
2008	2001=100	141.7	2008-09	2001=100	145

(ii) @Average Based on 9 Months only @. Average Based on 6 Months only

Source : Labour Bureau, Government of India.

TABLE 12.4 CONSUMER PRICE INDEX NUMBERS (GENERAL) FOR INDUSTRIAL WORKERS - ALL INDIA AND SELECTED CENTRES

Centres		(Base : 1982=100) 1991	2001	2002	2003	2004	(Base : 2001=100) 2005	2006	2007	2008
1		2	3	4	5	6	7	8	9	10
1	Ajmer	217	452	472	487	510	537	122	129	138
2	Ahmedabad	218	460	476	488	507	519	120	129	138
3	Alwaye	195	458	478	490	515	542	125	131	—
4	Amritsar	204	403	418	431	452	492	130	139	149
5	Bangalore	204	438	452	476	501	533	125	136	150
6	Bhopal	218	488	510	525	537	561	127	135	145
7	Mumbai	226	528	558	583	604	611	126	134	144
8	Kolkata	218	492	530	541	565	587	121	132	142
9	Delhi	218	529	550	570	598	648	122	128	137
10	Hyderabad	203	438	468	496	512	532	116	123	135
11	Indore	222	470	488	511	521	537	122	131	140
12	Jamshedpur	204	419	431	456	479	508	126	132	142
13	Kanpur	222	447	459	471	489	520	125	132	141
14	Chennai	208	487	513	533	549	565	118	124	135
15	Srinagar	202	520	547	574	599	632	118	125	134
16	Yamunagar	201	428	443	462	486	521	127	133	145
	All India	**212**	**458**	**477**	**496**	**514**	**536**	**123**	**131**	**141.7**

@ = New Series Base: 2001=100 has been introduced w.e.f. the indices of January, 2006 replacing the earlier serieson base: 1982=100

Source : Labour Bureau, Shimla.

TABLE 12.5 CONSUMER PRICE INDEX NUMBERS (GENERAL) FOR AGRICULTURE LABOURERS (AVERAGE OF MONTHS)

Agriculture Year (July-June)	Index	Calender Year	Index
1	2	3	4
1970-71	192	1970	194
1974-75	368	1974	332
1975-76	317	1975	360
1976-77	302	1976	290
1977-78	323	1977	320
1978-79	317	1978	319
1979-80	360	1979	333
1980-81	409	1980	383
1981-82	448	1981	436
1982-83	481	1982	458
1983-84	522	1983	511
1984-85	525	1984	521
1985-86	555	1985	538
1986-87	578	1986	567
1987-88	650	1987	608
1988-89	724	1988	690
1989-90	752	1989	745
1990-91	830	1990	774
1991-92	1007	1991	913
1992-93	1073	1992	1070
1993-94	1147	1993	1086
1994-95	1283	1994	1215
1995-96	240@	1995	239
1996-97	260	1996	249
1997-98	269	1997	262
1998-99	299	1998	287
1999-00	309	1999	304
2000-01	304	2000	307
2001-02	311	2001	307
2002-03	323	2002	315
2003-04	332	2003	328
2004-05	342	2004	337
2005-06	358	2005	348
2006-07	388	2006	372
2007-08	417	2007	402
2008-09	462	2008	439

@ = New Series of CPI Numbers for Agriculture Labourers on Base 1986-87=100 released w.e.f November, 1995. Linking factor for Agri. Labourers is 5.89. Average based on 8 months I.e. November, 1995 to June, 1996.
*: Average based on 10 months I.e. from January, 1995 to October, 1995

Source: Labour Bureau, Shimla.

TABLE 12.6 AVERAGE CONSUMER PRICE INDEX NUMBERS FOR AGRICULTURE LABOURERS
(Base : 1986 - 87 =100)

Sl.	State	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
	1	2	3	4	5	6	7	8	9	10
1	Andhra Pradesh	317	328	342	347	357	371	401	430	484
2	Assam	322	320	330	343	347	362	388	417	451
3	Bihar	282	290	299	311	324	347	384	411	446
4	Gujarat	314	320	332	339	350	369	403	424	459
5	Haryana	313	322	329	341	359	376	403	447	498
6	Himanchal Pradesh	292	298	308	321	325	343	367	376	406
7	Jammu & Kashmir	326	331	344	345	348	359	392	413	453
8	Karnataka	302	309	325	341	340	341	367	406	458
9	Kerala	321	321	330	342	351	356	374	403	454
10	Madhya Pradesh	310	310	318	318	330	352	388	412	459
11	Maharashtra	303	306	321	335	350	368	402	432	475
12	Manipur	316	304	300	308	310	328	337	367	407
13	Meghalaya	346	351	343	350	360	382	410	439	484
14	Orissa	304	300	298	314	320	334	365	400	438
15	Punjab	316	326	331	343	355	380	417	448	501
16	Rajasthan	311	309	325	323	346	377	413	439	490
17	Tamil Nadu	299	311	344	349	347	355	371	403	455
18	Tripura	324	322	325	326	337	351	383	407	433
19	Uttar Pradesh	301	312	323	331	343	371	408	433	469
20	West Bengal	292	303	305	321	333	342	365	395	432
	All India	**304**	**311**	**323**	**332**	**342**	**358**	**388**	**417**	**462**

Note : New Series of Consumer Index Number for Agricultural Labourers (Base 1986-87=100)
Released with effect from November, 1995 replacing the old series on Base : 1960-61=100
@ Average Based on 8 month i.e. from November, 95 to June,96.

Source : Labour Bureau, Shimla

TABLE 12.7 AVERAGE CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES

Calendar Year	General Index	Financial Year	General Index
1	2	3	4
	(Base : 1960=100)		
1970	173	1970-71	174
1971	178	1971-72	180
1972	189	1972-73	192
1973	212	1973-74	221
1974	259	1974-75	270
1975	279	1975-76	277
1976	273	1976-77	277
1977	292	1977-78	296
1978	304	1978-79	306
1979	321	1979-80	330
1980	359	1980-81	369
1981	403	1981-82	413
1982	437	1982-83	446
1983	480	1983-84	492
1984	524	1984-85	532
1985	558	1985-86	568
1986	602	1986-87	613
1987	653	1987-88	668
	Base :-1984-85=100		
1988	133	1988-89	136
1989	143	1989-90	145
1990	156	1990-91	161
1991	177	1991-92	183
1992	199	1992-93	202
1993	212	1993-94	216
1994	231	1994-95	237
1995	254	1995-96	259
1996	276	1996-97	283
1997	297	1997-98	302
1998	330	1998-99	337
1999	348	1999-00	352
2000	366	2000-01	371
2001	386	2001-02	390
2002	402	2002-03	405
2003	416	2003-04	420
2004	432	2004-05	436
2005	451	2005-06	456
2006	478	2006-07	486
2007	509	2007-08	515
2008	548	2008-09	561

Source : Central Statistical Organisation

TABLE 12.8 AVERAGE CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES ALL INDIA AND SELECTED CENTRES (Base Year:- 1984-85=100)

Centre	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
All India	**371**	**390**	**405**	**420**	**436**	**456**	**486**	**515**
1. Mumbai	375	395	406	415	434	450	478	504
2. Delhi	381	398	412	425	446	472	499	521
3.. Kolkota	344	355	364	382	398	416	439	476
4. Chennai	420	456	486	502	520	543	569	605
5. Hydrabad	383	410	427	440	459	488	526	560
6. Banglore	389	412	424	442	456	480	513	546
7. Lucknow	342	364	383	401	421	438	465	484
8. Ahmedabad	337	350	361	371	385	400	426	449
9. Jaipur	371	388	403	411	427	443	477	515
10. Patna	344	359	366	382	396	418	451	484
11. Srinagar	393	403	403	419	430	449	475	513
12. Trivandrum	362	384	406	426	449	479	507	535
13. Cuttak	365	379	390	412	428	447	479	507
14. Bhopal	361	375	386	391	394	417	458	482
15. Chandigarh	445	464	482	525	561	605	637	665
16. Shilong	382	406	422	435	445	466	499	565

Note: As per the decision in the Ministry, the release fo Centre-Wise Monthly CPI(UNME) has been stopped since april 2008 and replaced with Linked All India CPI (UNME) using CPI (IW).

Source: Central Statistical Organisation.

CHAPTER - XIII

TECHNICAL MANPOWER AND R&D

TABLE 13.1 ESTIMATED WORLD R&D EXPENDITURE

	R & D Expenditure (US $ Billon)			R & D Expenditure as % of GDP		
Region	**1990-91**	**1996-97**	**1999-2000**	**1990-91**	**1996-97**	**1999-2000**
World	409.8 (100%)	549.7 (100%)	755.1 (100%)	1.8	1.6	1.7
Developed	367.9 (89.8%)	460.4 (83.4%)	596.7 (79%)	2.3	2.2	2.3
Developing	41.9 (10.2%)	89.3(16.2%)	158.4 (21%)	0.7	0.6	0.9

Source: Department of Science & Technology

TABLE 13.2 R&D EXPENDITURE AND ITS SHARE IN WORLD TOTAL BY CONTINENTS

	Expenditure on R & D in billion US dollars and % share in brackets		
Continent	**1990-91**	**1996-97**	**1999-2000**
Africa	5.2(1.3)	4.3(0.8)	5.8(0.8)
Noeth America	156.4(38.2)	209.0(38.0)	281.0(37.2)
Latin America &Caribbean	11.3(2.8)	16.8(3.1)	21.3(2.8)
Asia	94.2(23.0)	154.8(28.2)	235.6(31.2)
Europe	138.8(33.9)	157.7(28.7)	202.9(26.9)
Oceania	3.9(1.0)	7.2(1.3)	8.5(1.1)
World (Total)	**409.8(100)**	**549.7(100)**	**755.1(100)**

Source: Department of Science & Technology

TABLE 13.3 R&D EXPENDITURE PER CAPITA AND AS PERCENTAGE OF GDP FOR SELECTED COUNTRIES, 2004-06

S. No.	Country	Per Capita R & D expenditure in US$	Per Capita GDP in US $	R & D Expenditure as % of GDP
1	Argentina	27.21	5493	0.49
2	Australia	559.35	37168	1.78
3	Austria	988.12	40250	2.46
4	Brazil	38.57	5648	0.82
5	Canada	760.45	38533	1.97
6	China	28.72	2016	1.42
7	Czech Republic	220.80	14302	1.54
8	Denmark	1341.02	55067	2.44
9	Finland	1440.30	42130	3.43
10	France	778.34	36854	2.12
11	Germany	887.67	35328	2.52
12	Hungary	113.10	11292	1.00
13	India	5.90	824	0.88
14	Israel	907.59	20065	4.53
15	Italy	330.48	31372	1.10
16	Japan	1160.35	34128	3.40
17	Korea, Republic	596.68	18501	3.23
18	Mexico	37.21	8069	0.50
19	Netherlands	696.09	41394	1.69
20	Norway	993.17	66988	1.49
21	Pakistan	3.00	798	0.44
22	Russian Fed.	74.16	6902	1.08
23	Singapore	787.69	33040	2.39
24	Spain	335.66	27834	1.21
25	Sri Lanka	1.86	1348	0.19
26	Sweden	1628.94	42644	3.82
27	United Kingdom	704.40	38967	1.80
28	United States	1149.66	44026	2.16
29	Venezuela	12.34	6736	0.23

Note : China excludes Hong Kong.

Source: Department of Science & Technology

TABLE 13.4 SCIENTISTS, ENGINEERS AND TECHNICIANS FOR SELECTED COUNTRIES

Sl. No.	Name of Country	SET per thousand Population		SET in R & D per thousand population	
1	Argentina	34.84	(1991	0.81	-1995
2	Australia	53.59	-1986	4.16	-1996
3	Austria	21.57	-1981	2.44	-1993
4	Brazil	11.23	(1981)*	0.23	-1995
5	Canada	180.66	-1986	2.7	(1995)*
6	China	8.36	-1988	0.46	(1996)*
7	Cuba	14.36	(1981)*	2.73	-1995
8	Czech Republic	…		1.2	(1997)*
9	Denmark	97.78	-1991	3.26	(1998)*
10	Egypt	…		0.8	-1991
11	Germany	85.12	-1989	2.83	(1995)*
12	France	…		2.66	(1996)*
13	Guyana	1.28	(1982)*	0.35	-1982
14	Hungary	49.94	-1990	1.1	(1997)*
15	India	7.05	-1998	0.1	-1998
16	Indonesia	3.5	(1991)*	0.18	(1988)*
17	Israel	82.54	-1984	5.86	-1984
18	Italy	83.34	-1981	1.32	(1995)*
19	Japan	112.77	-1987	7.14	(1996)*
20	Republic of Korea	53.13	(1981)@	2.19	(1996)*
21	Nigeria	1.41	-1980	0.09	-1987
22	Pakistan	4.08	-1990	0.09	-1997
23	Philippines	36.65	(1980)*	0.18	-1992
24	Singapore	26.58	-1980	2.62	-1995
25	Spain	44.9	-1990	1.31	(1996)*
26	Sweden	113.63	-1992	3.83	(1995)*
27	U.K.	89.53	-1991	2.45	(1996)*
28	U.S.A	21.15	(1988)*	3.68	(1993)*
29	Russian Federation	139.16	-1989	4.2	-1997
30	Venezuela	107.82	-1991	0.24	-1992

Note : 1 @ Provisional Data
2 *Excludes Technicians
3 SET : Scientists Engineers & Technicians
4 Figures in parentheses represent the year for which data available
5 … Not Available.

Source: Department of Science & Technology

TABLE 13.5 ESTIMATED STOCK OF S&T PERSONNEL

(Thousands)

Sl.No.	Category	Stock of S&T Personnel at the beginning of the year					
		1991	1996	1998	1999	2000	2001
1	Engineering Degree Holders	519.6	753.3	859.1	913.7	969.5	1024.4
2	Engineering Diploma Holders	859.3	1173.1	1312.3	1379.5	1546.0	1531.7
3	Medical Graduate*	310.3	358.4	380.4	391.7	403.4	415.9
4	Agricultural Graduates	168.4	202.3	216.5	223.8	231.2	238.6
5	Veterinary Graduates	34.4	40.2	42.7	44.0	45.3	46.7
6	Science Graduates	2430.3	3154.8	3479.3	3655.4	3837.7	4024.9
9	Science Post Graduates	482.0	626.1	695.5	730.6	767.1	805.0
	Total	**4804.3**	**6308.2**	**6985.8**	**7338.7**	**7800.2**	**8087.2**

Note: *Includes Dental Surgeons

Source: Department of Science & Technology

TABLE 13.6 NATIONAL EXPENDITURE ON RESEARCH AND DEVELOPMENT (At Current and Constant Prices)

(Rs. Crore)

Year	National Research & Development Expenditure	
	Current Price	Constant Price (Base : 1999-00)
1980-81	760.52	3674.35
1981-82	940.73	4103.59
1982-83	1206.03	4848.32
1983-84	1381.10	5123.85
1984-85	1781.55	6117.37
1985-86	2068.78	6619.50
1986-87	2435.40	7292.59
1987-88	2853.07	7799.64
1988-89	3347.26	8453.26
1989-90	3725.74	8678.20
1990-91	3974.17	8361.19
1991-92	4512.81	8363.31
1992-93	5004.60	8526.18
1993-94	6073.02	9408.79
1994-95	6622.44	9340.94
1995-96	7483.88	9656.11
1996-97	8913.61	10662.41
1997-98	10611.34	11921.83
1998-99	12473.17	12967.51
1999-00	14397.60	14397.60
2000-01	16198.80	15683.37
2001-02	17038.15	16007.14
2002-03	18088.16	16353.72
2003-04	20086.34	17575.41
2004-05	24117.24	19991.64
2005-06	28776.65	22963.91
2006-07*	32941.64	24821.63
2007-08	37777.90	27213.00

Note: * Estimated

Source: Department of Science & Technology

TABLE 13.7 EXPENDITURE ON RESEARCH & DEVELOPMENT BY MAJOR SCIENTIFIC AGENCIES UNDER CENTRAL GOVERNMENT

(Rs Lakhs)

Agency/Year	1970-71	1980-81	1990-91	1995-96	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
Council of Scientific & Industrial Research	2155.7	6900.0	24918.8	41170.0	86412.0	89226.0	100965.0	107454.0	126647.0	142704.0
Defence Research & Development Organisation	1755.4	7970.0	68100.0	139540.0	335932.0	317275.0	300811.0	344318.0	371527.0	528333.0
Department of Atomic Energy	2871.6	7347.8	27554.0	48664.0	100551.5	111560.4	120767.3	124207.9	150902.0	175250.2
Department of Biotechnology	-	-	4136.7	7382.7	12057.9	14103.8	18762.7	19813.1	26500.8	31136.3
Ministry of Information Tech.	-	540.6	3303.0	3637.9	5107.0	12919.0	7662.8	8526.0	11093.8	15928.6
Ministry of New & Renewable Energy	-	400.4	1602.0	697.6	1227.0	1995.0	1908.0	1723.0	1312.0	1409.0
Ministry of Ocean Development	-	-	2780.4	4564.0	8422.6	11868.4	14991.2	14819.8	19846.8	23570.1
Deparment of Science & Technology	84.2	4063.7	11982.5	22367.5	31146.3	37051.0	66423.0	73028.8	108651.5	118325.4
Department of Space	-	5601.6	38622.2	91788.1	190540.0	190097.4	216222.5	226880.5	253434.9	266760.4
Indian Council of Agricultural Research	1837.0	9744.7	27625.1	43236.9	116173.6	137212.5	128463.0	129563.7	153071.8	174544.0
Indian Council of Medical Research	217.6	900.1	4454.0	5060.7	14912.0	16697.0	18000.0	17486.0	24745.0	33100.0
Ministry of Environment & Forests	-	374.0	16209.3	24459.5	27286.0	31086.9	27886.3	20828.3	23951.8	23687.0
Total	**8921.5**	**43842.8**	**231287.0**	**432568.9**	**929767.9**	**971092.4**	**1022862.7**	**1088648.9**	**1271684.3**	**1534748.1**

Note : 1. Not including Public Sector Research & Development Expenditure.
2. - NIL

Source: Department of Science & Technology

TABLE 13.8 NATIONAL EXPENDITURE ON RESEARCH AND DEVELOPMENT BY SECTOR

(Rs. Crore)

Sector	Research and Development Expenditure										
	1970-71	1980-81	1990-91	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07*	2007-08*
Central Sector	112.5	580.5	3058.3	11050.2	11536.3	12251.2	13034.7	15080.0	17851.0	19909.2	22204.8
State Sector	12.6	59.3	365.9	1574.3	1494.3	1588.2	1689.8	1941.5	2227.4	2461.1	2719.2
Private Sector	14.6	120.7	550.0	2923.3	3292.7	3498.3	4471.3	6039.0	7444.2	9128.1	11192.9
Higher Education Sector	N.A	N.A	N.A	650.9	714.8	750.5	890.6	1056.8	1254.0	1443.2	1661.0
Total	**139.6**	**760.5**	**3974.2**	**16198.8**	**17038.2**	**18088.2**	**20086.3**	**24117.2**	**28776.7**	**32941.6**	**37777.9**

Note: 1. * Estimated
2. The number of R & D units in the private sector varies from year to year as per the DSIR recognition.
3. Central Sector data includes 112 R & D units of Public Sector /Joint Sector companies.
4. Private sector industries data for the year 2002-03 onwards comprised of R & D units/firms recognised by DSIR & registered with M/o Company Law Affairs.
5. Data referes to 1643 in-house R & D units of Private Sector Industries which include 350 SIRO units, projects data for 185 in-house R & D units and 60 SIRO units
6. Data for the year 2006-07 and 2007-08 has been estimated by applying the rate of growth for the period 2001-02 to 2005-06 sector-wise.
7. Higher Education Sector Includes Data from 106 universities and 27 PG colleges having R & D but excludes R & D expenditure of 21 State Agricultural Universities and extramural project funding of central funding agencies. Data for 1998-99 onwards has been estimated by applying the rate of growth for the previous 3 years on expenditure in Higher Education Sector.
8. State Sector includes R & D expenditure of State Agricultural Universities and other state departments/organisations.
9. N.A : Not available.
10. R&D : Research & Development.
11. Central Sector = Central Govt. + Public Sector.

Source: Department of Science & Technology.

TABLE 13.9 EXPENDITURE ON RESEARCH AND DEVELOPMENT BY OBJECTIVES

(Rs. lakh)

Sl. No.	Objective	Central Government		State Government		Public Sector		Private Sector		Total	
		2004-05	2005-06	2004-05	2005-06	2004-05	2005-06	2004-05	2005-06	2004-05	2005-06
1	Defence	375326.5	532885.1	0.0	0.0	42846.3	56452.2	4785.9	5596.3	422958.7	594933.6
2	Development of Agriculture, Forestry and Fishing	163939.5	187899.7	177670.5	203826.1	2201.6	2622.2	34319.7	39180.3	378131.3	433528.3
3	Development of Health Services	95151.4	113371.5	3332.4	4042.3	203.3	202.4	256885.7	327886.6	355572.7	445502.8
4	Development of Transport and Communications	29647.4	38873.6	428.3	455.7	12237.4	10825.6	104343.5	127049.7	146656.5	177204.6
5	Exploration and Assement of Earths, Seas, Atmosphere	43077.9	49067.8	1513.2	1216.8	2128.0	2907.0	1401.2	1450.7	48120.3	54642.2
6	General Advancement of Knowledge	315324.6	359874.9	3327.4	4342.2	199.4	182.2	13878.2	17982.3	332729.7	382381.6
7	Other aims	3359.2	3691.7	4182.7	4754.5	377.5	266.8	40988.3	42676.0	48907.7	51388.8
8	Production Conservation & Distribution of Energy	121610.9	139764.6	1414.5	1522.9	39092.4	33732.4	9608.9	16133.5	171726.6	191153.3
9	Promotion of Industrial Development	54435.4	56634.2	634.0	700.5	24900.2	22231.8	81256.7	98565.4	161226.3	178131.9
10	Protection of the Environment	18504.3	16580.4	569.2	678.7	180.0	250.0	6280.3	6957.0	25533.8	24466.1
11	Social Development & Other Socio-Economic Services	6410.6	6792.3	1011.9	1062.0	139.0	88.6	8349.6	8506.3	15911.1	16449.3
12	Space	258866.9	271820.4	69.0	140.0	1282.7	664.5	117.5	146.2	260336.1	272771.2
13	Urban and Rural Planning	2232.8	2820.0	0.0	0.0	0.0	0.0	587.1	561.9	2819.9	3381.9
	Total	**1487887.3**	**1780076.3**	**194153.1**	**222741.6**	**125787.7**	**130425.7**	**562802.4**	**692692.0**	**2370630.5**	**2825935.7**

Note: Central Sector includes Higher Education.

Source: Department of Science & Technology

TABLE 13.10 EXPENDITURE ON RESEARCH & DEVELOPMENT BY CENTRAL MINISTRIES/DEPARTMENTS

(Rs. Lakh)

S. No.	Ministry / Department	Research & Development Expenditure 2002-03	2003-04	2004-05	2005-06
1	Agriculture & cooperation	2807.4	3239.2	2110.6	1979.7
2	Animal Husbandry & Dairying	2140.1	2305.4	2138.8	2721.0
3	AYUSH	1841.8	1987.5	2399.6	2775.8
4	Chemicals & Petrochemicals	2756.8	2871.6	4347.3	2671.6
5	Civil Aviation	232.6	358.4	178.3	178.8
6	Coal	2266.1	2380.5	3436.0	4757.9
7	Commerce	3843.1	3693.7	4568.7	4828.5
8	Commerce Affairs	30.0	0.0	5.0	0.0
9	Culture	3345.1	2781.0	3902.0	4395.2
10	Defenece	4128.4	3729.0	3909.0	5643.0
11	Defence Production & Supplies	33825.7	33857.8	36904.6	49947.1
12	Familly Welfare	25.9	5.3	89.4	80.5
13	Fertlizers	1782.6	1657.8	1850.4	1444.6
14	Food & Public Distribution	863.2	978.7	995.9	1049.4
15	Food Processing Industries	325.9	204.4	154.0	134.3
16	Health	15785.8	15888.7	17924.3	20640.1
17	Heavy Industry	18302.1	21666.0	24697.8	27617.6
18	Home	1053.5	1719.2	1543.9	1680.2
19	Human Resource Development	12525.6	13393.0	14895.0	13719.5
20	Industrial Policy & Promotion	5253.7	5551.8	7035.8	6119.5
21	Information & Broadcasting	127.3	33.1	22.2	39.2
22	Labour	491.6	526.5	566.4	611.2
23	Mines	1759.1	1736.8	1963.0	1956.4
24	Petroleum & Natural Gas	33725.4	31547.9	42162.3	34151.5
25	Power	920.9	1193.2	897.4	2185.0
26	Railways	5932.8	5314.5	6375.6	5986.8
27	Road Transport & Highways	754.3	343.7	929.1	1132.9
28	Rural Development	349.0	757.4	913.8	1300.3
29	Shipping	46.8	91.8	54.4	144.0
30	SSI, Agro and Rural Industries	893.1	1185.4	1367.9	1571.5
31	Social Justice and Empowerment	1815.1	2067.6	2385.3	2486.5
32	Statistics and Program Implementation	2185.6	2397.3	2598.5	2754.0
33	Steel	6696.5	8506.9	7740.0	8034.5
34	Telecommunications	14408.0	17727.0	13318.0	14242.0
35	Textiles	7910.9	8174.4	9090.1	8936.0
36	Urban Development	229.5	360.0	236.3	621.4
37	Water Resuorces	2828.6	3832.3	3193.0	3517.7
38	Public Sector under Major Scientific Agencies	4833.8	6752.6	6000.2	5535.7
39	Joint Sector including State undertakings	3210.2	4002.5	3410.9	3762.5
	Total	**202254.0**	**214819.9**	**236310.7**	**250353.0**

Source: Department of Science & Technology

TABLE 13.11 EXPENDITURE ON RESEARCH & DEVELOPMENT BY STATE GOVERNMENTS

(Rs. Lakh)

Sl.No.	State	Research & Development Expenditure 2002-03	2003-04	2004-05	2005-06
1	Andhra pradesh	10746.1	10602.7	11014.0	11881.3
2	Assam	5851.1	6180.4	5674.1	7284.7
3	Bihar	3239.9	3466.7	3709.4	3969.1
4	Chandigarh	28.7	30.0	34.8	37.9
5	Chhattisgarh	1311.9	1366.3	1679.4	1815.7
6	Gujarat	4825.1	4988.3	13786.8	17613.1
7	Haryana	9429.1	10078.7	10460.5	11926.1
8	Himanchal Pradesh	6122.3	6581.2	7068.3	9879.6
9	Jammu & Kashmir	5080.4	5879.5	7250.1	9802.1
10	Jharkhand	3069.3	3284.1	4287.2	6199.0
11	Karnataka	13297.9	14953.7	15858.8	18095.2
12	Kerala	8799.3	9617.2	10239.5	11871.3
13	Madhya Pradesh	7074.8	8082.4	9089.9	10376.2
14	Maharashtra	22595.6	23845.0	25102.4	27369.8
15	Manipur	776.8	1142.5	1343.3	2681.3
16	Meghalaya	10.3	2.5	15.0	0.0
17	Orissa	4393.0	5641.0	4591.1	5114.5
18	Punjab	12800.0	13045.6	14365.6	15543.7
19	Rajasthan	6860.9	7341.1	7604.7	9134.8
20	Tamil Nadu	11532.6	12043.1	12959.7	14667.8
21	Uttar Pradesh	8348.5	8814.5	9112.4	10956.8
22	Uttranchal	8018.0	9159.9	14369.5	10871.9
23	West Bengal	4603.7	2831.4	4536.9	5649.8
	Total	**158815.4**	**168977.8**	**194153.1**	**222741.6**

Note : States not given in the table have no R&D expenditure during the period 2002-03 to 2005-06.

Source: Department of Science & Technology

TABLE 13.12 NATIONAL EXPENDITURE ON R & D IN RELATION TO GNP/GDP

Year	R&D Expenditure at current prices (Rs. Crores)	GNP at current prices (Rs. Crores)	GDP at current prices (Rs. Crores)	R&D as % of GNP	R&D as % of GDP
1995-96	7483.88	1069805	1083289	0.70	0.69
1996-97	8913.61	1247628	1260710	0.71	0.71
1997-98	10611.34	1388729	1401934	0.76	0.76
1998-99	12473.17	1601114	1616082	0.78	0.77
1999-00	14397.60	1771094	1786526	0.81	0.81
2000-01	16198.80	1902284	1925017	0.85	0.84
2001-02	17038.15	2077658	2097726	0.82	0.81
2002-03	18088.16	2244725	2261415	0.81	0.80
2003-04	20086.34	25019921	2538171	0.80	0.79
2004-05	24117.24	2855331	2877706	0.84	0.84
2005-06	28776.65	3249554	3275670	0.89	0.88
2006-07	32941.64*	3760285(**)	3790063(**)	0.88	0.87
2007-08	37777.90*	4263000(#)	4283000(#)	0.89	0.88

**: Quick Estimates *Estimated #Advance estimates

Note:1. GNP : Gross National Product.
2. GDP : Gross Domestic Product.
3. R&D : Research & Development.
4. GNP/GDP figures are based on 1990-00 series.
5. R&D/GNP & R&D/GDP ratio have been revised as per the New Series GNP/GDP figures.

Source : Department of Science & Technology

TABLE 13.13 INDUSTRIAL R & D EXPENDITURE CLASSIFIED BY LEADING INDUSTRY GROUPS DURING 2005-06

S. No.	Industry Group	Public Sector		Private Sector		Indusrial Sector	
		No. of Units	R & D Exp. (Rs. Crores)	No. of Units	R & D Exp. (Rs. Crores)	No. of Units	R & D Exp. (Rs. Crores)
1	Drugs & Pharmaceuticals	5	2.02	156	2826.86	161	2828.89
2	Transportation	4	68.95	60	1047.20	64	1116.15
3	Defence Industries	9	506.01	7	15.67	16	521.68
4	Electricals & Electronics	12	54.38	132	375.40	144	429.78
5	Chemicals (other than fertilizers)	15	28.21	161	300.87	176	329.07
6	Fuels	14	316.10	9	10.85	23	326.95
7	Information Technology	1	11.81	20	306.63	21	318.44
8	Bio-Technology	1	1.20	70	277.74	71	278.94
9	Metallurgical Industries	11	89.02	50	142.87	61	231.89
10	Industrial Machinery	2	99.88	29	39.70	31	139.58
11	Telecomunications	2	39.63	30	98.67	32	138.30
12	Soaps, Cosmetics & Toilet Preparations	1	0.14	10	137.22	11	137.36
13	Miscellaneous Mechanical Engineering Industrial	0	0.00	55	137.31	55	137.31
14	Others	35	86.91	319	551.42	354	638.33
	Total	**112**	**1304.26**	**1108**	**6268.41**	**1220**	**7572.67**

Source: Department of Science & Technology

TABLE 13.14 EXPENDITURE ON RESEARCH & DEVELOPMENT BY INDUSTRY GROUPS FOR PUBLIC SECTOR INDUSTRIES

Sl. No.	Industry Group	No. of R & D Units	R & D Expenditure (Rs. Lakh) 2002-03	2003-04	R &D Expenditure as a % of S.T.O 2002-03	2003-04
1	Metallurgical Industries	11	7268.71	9025.64	0.21	0.21
2	Fuels	14	31054.35	28508.10	0.21	19.00
3	Boilers & Steam Generating Plants	0	0.00	0.00	0.00	0.00
4	Prime Movers	0	0.00	0.00	0.00	0.00
5	Electricals & Electronics Equip.	12	4670.20	6725.89	0.13	0.19
6	Telecommunications	2	4791.51	5179.67	2.19	3.78
7	Transportation	4	2899.03	4360.92	0.31	1.07
8	Industrial Machinery	2	11482.21	9945.64	1.37	1.38
9	Machine Tools	2	304.18	294.60	1.24	1.36
10	Agricultural Machinery	2	941.55	1165.71	1.13	1.36
11	Earths Moving Machinery	2	1759.44	1503.12	44.27	26.02
12	Misc. Mechanical Engineering Industries	0	0.00	0.00	0.00	0.00
13	Commercial, Office Household Equipment	0	0.00	0.00	0.00	0.00
14	Medical & Surgical Appliances	1	33.84	38.03	0.69	0.76
15	Industrial Instruments	3	104.90	153.06	0.45	1.21
16	Scientific Instruments	1	34.85	35.00	0.26	0.23
17	Math.Surveying & Drawing Instruments	0	0.00	0.00	0.00	0.00
18	Fertilizers	4	1154.73	1039.44	0.10	0.10
19	Chemicals (other than fertilizers)	15	2371.02	2563.37	0.12	0.10
20	Photographic Raw Film & Paper	1	97.69	85.65	3.62	3.08
21	Dyestuffs	0	0.00	0.00	0.00	0.00
22	Drugs & Pharmaceuticals	5	159.12	113.35	0.42	0.36
23	Textiles (Dyed, Printed, Processed)	2	62.12	60.95	0.28	0.26
24	Papers & Pulps	4	394.10	308.94	0.32	0.23
25	Sugar	1	25.73	41.26	47.65	98.24
26	Fermentation Industries	0	0.00	0.00	0.00	0.00
27	Food Processing Industries	1	12.02	9.00	0.31	0.32
28	Vegetable Oil & Vanaspati	0	0.00	0.00	0.00	0.00
29	Soaps, Cosmetics & Toilet Preparations	1	9.54	15.89	0.09	0.17
30	Rubber Goods	0	0.00	0.00	0.00	0.00
31	Leather, Leather Goods & Pickers	0	0.00	0.00	0.00	0.00
32	Glue & Gelatin	0	0.00	0.00	0.00	0.00
33	Glass	0	0.00	0.00	0.00	0.00
34	Ceramics	2	25.84	23.97	0.36	0.21
35	Cement & Gypsum	0	0.00	0.00	0.00	0.00
36	Timber Products	0	0.00	0.00	0.00	0.00
37	Defence Industries	9	35033.05	34453.72	8.33	7.14
38	Information Technology	1	795.00	1154.00	12.93	15.11
39	Biotechnology	1	30.00	42.00	0.00	0.00
40	Consultancy Services	6	2036.48	1956.21	0.23	0.19
41	Miscellaneous Industries	3	255.38	300.16	0.36	0.39
	Total	**112**	**107806.59**	**109103.29**	**0.38**	**0.35**

TABLE 13.14 (CONTD.) EXPENDITURE ON RESEARCH & DEVELOPMENT BY INDUSTRY GROUPS FOR PUBLIC SECTOR INDUSTRIES

Sl. No.	Industry Group	No. of R & D Units	R & D Expenditure (Rs. Lakh) 2004-05	2005-06	R &D Expenditure as a % of S.T.O 2004-05	2005-06
1	Metallurgical Industries	11	8561.65	8901.53	0.15	0.14
2	Fuels	14	39389.22	31610.00	0.21	0.14
3	Boilers & Steam Generating Plants	0	0.00	0.00	0.00	0.00
4	Prime Movers	0	0.00	0.00	0.00	0.00
5	Electricals & Electronics Equip.	12	5737.03	5437.90	0.14	0.12
6	Telecommunications	2	3781.62	3963.00	2.68	2.23
7	Transportation	4	8878.49	6895.43	0.33	0.46
8	Industrial Machinery	2	9563.52	9988.00	0.83	0.62
9	Machine Tools	2	289.62	309.03	1.17	1.16
10	Agricultural Machinery	2	818.19	1328.50	75.00	1.09
11	Earths Moving Machinery	2	1693.36	1921.40	22.25	22.19
12	Misc. Mechanical Engineering Industries	0	0.00	0.00	0.00	0.00
13	Commercial, Office Household Equipment	0	0.00	0.00	0.00	0.00
14	Medical & Surgical Appliances	1	40.17	42.86	0.82	0.71
15	Industrial Instruments	3	137.13	169.99	0.68	0.69
16	Scientific Instruments	1	23.64	26.46	0.13	0.12
17	Math.Surveying & Drawing Instrument	0	0.00	0.00	0.00	0.00
18	Fertilizers	4	1041.90	956.45	0.07	0.05
19	Chemicals (other than fertilizers)	15	4215.84	2820.82	0.14	0.09
20	Photographic Raw Film & Paper	1	67.92	67.57	3.91	4.62
21	Dyestuffs	0	0.00	0.00	0.00	0.00
22	Drugs & Pharmaceuticals	5	203.27	202.43	0.58	0.61
23	Textiles (Dyed, Printed, Processed)	2	53.27	49.30	0.18	0.16
24	Paper & Pulp	4	253.01	238.68	0.18	0.15
25	Sugar	1	38.75	44.56	71.76	68.55
26	Fermentation Industries	0	0.00	0.00	0.00	0.00
27	Food Processing Industries	1	98.82	45.78	2.35	1.12
28	Vegetable Oil & Vanaspati	0	0.00	0.00	0.00	0.00
29	Soaps, Cosmetics & Toilet Preparations	1	19.41	13.75	0.19	1.12
30	Rubber Goods	0	0.00	0.00	0.00	0.00
31	Leather, Leather Goods & Pickers	0	0.00	0.00	0.00	0.00
32	Glue & Gelatin	0	0.00	0.00	0.00	0.00
33	Glass	0	0.00	0.00	0.00	0.00
34	Ceramics	2	26.51	29.70	0.18	0.17
35	Cement & Gypsum Products	0	0.00	0.00	0.00	0.00
36	Timber Products	0	0.00	0.00	0.00	0.00
37	Defence Industries	9	37045.93	50600.83	6.58	7.31
38	Information Technology	1	1012.00	1181.00	12.43	12.89
39	Biotechnology	1	140.00	120.00	0.00	0.00
40	Consultancy Services	6	2308.49	3223.16	0.20	0.27
41	Miscellaneous Industries	3	348.92	237.58	0.39	0.26
	Total	**112**	**125787.68**	**130425.71**	**0.33**	**0.30**

S.T.O : Sales Turnover

Source: Department of Science & Technology

TABLE 13.15 EXPENDITURE ON RESEARCH & DEVELOPMENT BY INDUSTRY GROUPS FOR PRIVATE SECTOR

Sl. No.	Industry Group	No. of R & D Units	R & D Expenditure (Rs. Lakh)		R &D Expenditure as a % of S.T.O	
			2002-03	2003-04	2002-03	2003-04
1	Metallurgical Industries	50	8260.56	10442.83	0.15	0.15
2	Fuels	9	674.27	808.99	0.02	0.02
3	Boilers & Steam Generating Plants	1	226.83	337.50	0.42	0.56
4	Prime Movers	3	955.07	1253.05	0.60	0.67
5	Electricals & Electronics Equip.	132	17053.84	19768.38	0.35	0.37
6	Telecommunications	30	5503.52	9217.94	1.41	2.21
7	Transportation	60	43427.37	54649.76	0.77	0.80
8	Industrial Machinery	29	2419.87	3528.66	1.00	1.17
9	Machine Tools	11	479.75	534.15	1.36	1.20
10	Agricultural Machinery	8	4150.90	4846.54	1.60	1.48
11	Earths Moving Machinery	7	606.47	885.18	0.41	0.36
12	Misc. Mechanical Engineering Industries	55	7489.02	8667.08	0.16	0.16
13	Commercial, Office Household Equipment	11	1780.02	2576.29	0.65	0.78
14	Medical & Surgical Appliances	11	832.67	961.93	3.65	3.54
15	Industrial Instruments	33	3760.06	4216.26	0.31	0.35
16	Scientific Instruments	9	285.73	332.53	2.90	2.82
17	Math.Surveying & Drawing Instruments	0	0.00	0.00	0.00	0.00
18	Fertilizers	7	287.31	365.02	0.05	0.06
19	Chemicals (other than fertilizers)	161	19475.28	21317.93	0.37	0.36
20	Photographic Raw Film & Paper	3	367.22	350.57	0.84	0.76
21	Dyestuffs	9	486.29	599.37	0.47	0.53
22	Drugs & Pharmaceuticals	156	102679.43	144143.38	2.18	2.62
23	Textiles (Dyed, Printed, Processed)	33	2020.79	2488.83	0.03	0.03
24	Papers & Pulps	18	2830.60	4527.54	0.18	0.26
25	Sugar	19	1672.24	1825.36	0.05	0.07
26	Fermentation Industries	4	362.72	281.00	0.24	0.17
27	Food Processing Industries	24	2955.46	3648.79	0.53	0.60
28	Vegetable Oil & Vanaspati	3	2199.69	2910.77	2.52	3.10
29	Soaps, Cosmetics & Toilet Preparations	10	14263.76	15540.31	0.93	0.99
30	Rubber Goods	27	1232.59	1742.52	0.06	0.08
31	Leather, Leather Goods & Pickers	4	933.79	829.31	0.28	0.20
32	Glue & Gelatin	4	160.65	150.66	0.82	0.68
33	Glass	3	156.77	207.94	0.08	0.10
34	Ceramics	16	922.95	908.79	0.07	0.05
35	Cement & Gypsum Products	8	1242.19	1566.33	0.10	0.11
36	Timber Products	2	22.87	19.81	0.42	0.37
37	Defence Industries	7	619.77	968.83	4.96	4.75
38	Information Technology	20	11002.00	19428.19	1.25	1.82
39	Biotechnology	70	10872.33	13683.82	0.97	1.08
40	Consultancy Services	2	25.26	22.77	0.70	0.67
41	Miscellaneous Industries	39	3770.60	3699.36	0.50	0.41
	Total	**1108**	**278468.51**	**364254.27**	**0.46**	**0.54**

TABLE 13.15 (CONTD.) EXPENDITURE ON RESEARCH & DEVELOPMENT BY INDUSTRY GROUPS FOR PRIVATE SECTOR

Sl. No.	Industry Group	No. of R & D Units	R & D Expenditure (Rs. Lakh) 2004-05	2005-06	R &D Expenditure as a % of S.T.O 2004-05	2005-06
1	Metallurgical Industries	50	13182.73	14287.15	0.14	0.15
2	Fuels	9	986.89	1085.47	0.02	0.02
3	Boilers & Steam Generating Plants	1	290.71	431.25	0.30	0.28
4	Prime Movers	3	2548.51	4036.97	1.24	1.53
5	Electricals & Electronics Equip.	132	29042.00	37540.45	0.41	0.43
6	Telecommunications	30	8181.37	9867.14	1.51	1.37
7	Transportation	60	86279.81	104719.74	0.99	1.07
8	Industrial Machinery	29	4096.53	3970.15	1.00	0.77
9	Machine Tools	11	467.26	712.30	0.74	0.81
10	Agricultural Machinery	8	5685.55	4863.55	1.32	0.84
11	Earths Moving Machinery	7	1239.97	1355.90	0.39	0.33
12	Misc. Mechanical Engineering Industries	55	11086.27	13730.69	0.18	0.18
13	Commercial, Office Household Equipment	11	2629.91	2553.22	0.88	0.72
14	Medical & Surgical Appliances	11	1040.61	1203.52	2.93	2.88
15	Scientific Instruments	33	5133.35	6869.49	0.32	0.37
16	Scientific Instruments	9	439.25	486.30	2.61	2.39
17	Math.Surveying & Drawing Instruments	0	0.00	0.00	0.00	0
18	Fertilizers	7	736.90	1183.62	0.09	0.12
19	Chemicals (other than fertilizers)	161	23862.35	30086.52	0.36	0.39
20	Photographic Raw Film & Paper	3	463.87	592.88	0.84	1.04
21	Dyestuffs	9	598.41	593.68	0.45	0.4
22	Drugs & Pharmaceuticals	156	223712.19	282686.34	3.70	3.84
23	Textiles (Dyed, Printed, Processed)	33	2770.30	2513.24	0.03	0.03
24	Papers & Pulps	18	4955.64	6721.70	0.27	0.31
25	Sugar	19	1482.87	1575.73	0.04	0.04
26	Fermentation Industries	4	653.20	511.75	0.45	0.13
27	Food Processing Industries	24	3563.26	4086.68	0.56	0.57
28	Vegetable Oil & Vanaspati	3	3199.18	3509.92	3.34	3.82
29	Soaps, Cosmetics & Toilet Preparations	10	17387.77	13722.41	1.08	0.76
30	Rubber Goods	27	2182.40	2717.77	0.09	0.1
31	Leather, Leather Goods & Pickers	4	655.72	769.16	0.12	0.17
32	Glue & Gelatin	4	147.64	203.33	0.63	0.81
33	Glass	3	204.68	283.42	0.08	0.13
34	Ceramics	16	906.38	991.20	0.05	0.05
35	Cement & Gypsum Products	8	1392.04	1831.80	0.08	0.11
36	Timber Products	2	23.92	17.76	0.38	0.24
37	Defence Industries	7	1580.43	1567.44	6.21	4.59
38	Information Technology	20	22123.63	30663.30	1.57	1.71
39	Biotechnology	70	18750.86	27773.66	1.06	1.12
40	Consultancy Services	2	25.18	26.99	0.64	0.67
41	Miscellaneous Industries	39	3872.44	4499.20	0.40	0.39
	Total	**1108**	**507581.98**	**626842.79**	**0.62**	**0.66**

1. S.T.O : Sales Turnover

Source: Department of Science & Technology

TABLE 13.16 EXPENDITURE ON RESEARCH & DEVELOPMENT BY PUBLIC/JOINT SECTOR UNDERTAKINGS 2005-06

Ministry/Department/ State	Public / Joint Sector Undertaking	R & D Expenditure (Rs. Lakh)	R & D Expenditure as % of S.T.O.
Atomic Energy	Electronics Corporations of India Ltd.	3637.00	5.20
	Indian Rare Earths Ltd.	201.90	0.61
Agriculture and Co-operation	Indian Farmers Fertilizers Co-op Ltd. (Consolidated)	61.40	0.01
Biotechnology	Bharat Immunologicals	8.00	0.26
Chemicals & Petrochemicals	Hindustan Antiboitics Ltd.	108.48	2.22
	Hindustan Insecticides Ltd.	112.27	0.64
	Hindustan Organic Chemicals Ltd.	100.00	0.22
	Indian Petrochemicals Corporation Ltd.	1120.00	0.12
Coal	Central Mine Planning & Design Instt. Ltd.	2290.00	15.71
	Neyveli Lignite Corporation Ltd.	696.30	0.28
	The Singareni Collieries Company Ltd.	287.56	0.08
Communication & Information Technology	CMC Ltd.	1181.00	12.89
	Semiconductor Complex Ltd.	495.76	18.77
	Central Electronics Ltd.	12.00	0.11
Defence Production Supplies	Bharat Dynamics Ltd.	457.22	0.86
	Bharat Earth Movers Ltd.	1914.40	86.78
	Bharat Electronics Ltd.	13015.00	3.68
	Hindustan Aeronautics Ltd. (Consolidated)	37128.61	13.01
	Goa Shipyard Ltd.	300.00	***
	Mishra Dhatu Nigam Ltd.	168.78	1.10
Family Welfare	Hindustan Latex Ltd.	80.48	0.38
Fertilizers	Fertilizer & Chemicals Travancore Ltd.	31.17	0.02
	Rashtriya Chemicals & Fertilizers Ltd.	142.28	0.05
Heavy Industries	Bharat Heavy Electricals Ltd. (Consolidated)	10220.38	0.71
	Bharat Heavy Plates & Vassels Ltd.	95.97	0.79
	Bharat Pumps & Compressors Ltd.	6.00	0.06
	HMT Ltd. (Consolidated)	861.66	3.53
	Heavy Engineering Corporation Ltd.	7.37	0.32
	Hindustan Cables Ltd.	90.00	3.00
	Hindustan Newsprint Ltd.	15.34	0.05
	Hindustan Photo Films Mfg. Co. Ltd.	67.57	4.62
	Hindustan Salts Ltd.	0.51	0.08
	Instrumentation Ltd.	26.46	0.12
	Jessop & Co. Ltd.	28.00	0.36
	NEPA Ltd.	41.15	0.71

TABLE 13.16 (CONTD.) EXPENDITURE ON RESEARCH & DEVELOPMENT BY PUBLIC/JOINT SECTOR UNDERTAKINGS 2005-06

Ministry/Department/ State	Public / Joint Sector Undertaking	R & D Expenditure (Rs. Lakh)	R & D Expenditure as % of S.T.O.
	Sambhar Salts Ltd.	1.73	0.22
	Scooters India Ltd.	53.43	0.30
	Suzuki Motors, Matuti Udyog Ltd.	6514.00	0.44
Mines	Hindustan Copper Ltd.	132.45	0.29
	Hindustan Zinc Ltd.	184.00	0.05
	Mineral Exploration Corporation Ltd.	0.00	0.00
	National Aluminum Co. Ltd.	375.82	0.07
Petroleum & Natural Gas	Balmer Lawrie & Company Ltd.	168.91	0.13
	Bharat Petroleum Corportion Ltd. (Consolidated)	3775.00	0.00
	Bongaigaon Refinery & Petrochemicals Ltd.	5.28	0.00
	Chennai Petroleum Corporation Ltd.	603.54	0.02
	Engineers India Ltd.	637.37	0.81
	GAIL (India) Ltd.	84.40	0.00
	Hindustan Petroleum Corporation Ltd.	395.92	0.01
	IBP Co. Ltd. (Chemical)	217.15	0.01
	IBP Co. Ltd.	68.02	2.41
	Indian Oil Corporation Ltd.	8986.00	0.00
	Numaligarh Refinery Ltd.	252.00	0.04
	Oil & Natural Gas Corporation Ltd.	15056.28	0.30
	Oil India Ltd.	1258.12	0.21
Power	National Power Thermal Corp. Ltd.	630.00	0.02
Scientific & Industrial Research	Central Electronics Ltd.	12.00	0.11
SSI, Agro & Rural Industries	Prototype Development & Training Centre	26.93	0.13
Social Justice & Empowerment	Artifical Limbs Manufacturing Corporation Ltd.	42.86	0.71
Steel	Bharat Refractories Ltd.	29.70	0.17
	Essar Steels Ltd.	434.55	0.06
	MECON Ltd.	22.84	0.09
	National Mineral Development Corporation Ltd.	617.00	0.17
	Sponge Iron India Ltd.	9.34	0.16
	Steel Authority of India Ltd. (Consolidated)	6921.06	0.53
Telecommunications	ITI Ltd. (Consolidated)	3873.00	2.22
Textiles	National Textile Corporation Ltd. (Consolidated)	49.30	0.36
	The Lagan Jute Machinery Co.Ltd.	17.62	0.01
Andhra Pradesh	Andhra Pradesh Heavy Machinery & Engg.Ltd.	7.00	0.11
	Andhra Pradesh Paper Mills Ltd.	93.16	0.21

TABLE 13.16 (CONTD.) EXPENDITURE ON RESEARCH & DEVELOPMENT BY PUBLIC/JOINT SECTOR UNDERTAKINGS 2005-06

Ministry/Department/ State	Public / Joint Sector Undertaking	R & D Expenditure (Rs. Lakh)	R & D Expenditure as % of S.T.O.
Gujarat	Gujarat Alkalies and Chemicals	324.98	0.29
	Gujarat Insecticides Ltd.	28.71	0.27
	Gujarat Narmada Valley	128.12	0.06
	Gujarat State Fertilizers & Chemicals Ltd.	721.60	0.24
Haryana	Haryana Leather Chemicals Ltd.	44.00	2.43
	Haryana State Electronics Dev. Corpon.Ltd.	190.00	12.39
Karnataka	Karnataka Soaps & Detergents Ltd.	13.75	0.12
	The Hutti Gold Mines Company Ltd.	58.53	0.28
Kerala	Keltron Component Complex Ltd.	1.33	0.05
	Kerala Electrical and Allied Engg. Co. Ltd.	3.87	0.06
	Kerala Minerals & Metals Ltd.	255.00	0.90
	Kerala State Drugs and Pharmaceuticals Ltd.	3.44	11.26
	Kerala State Electricity Board	137.97	0.04
	Travancore Titanium Products Ltd.	164.09	1.18
Maharashtra	Haffkine Bio-Pharmaceutical Corpn. Ltd.	2.03	0.05
	Maharashtra State Seed Corporation Ltd.	120.00	0.00
Punjab	Punjab Chemicals & Crop Protection Ltd.	124.02	0.69
	Punjab Tractors Ltd.	768.50	0.79
Rajasthan	Rajasthan State Mines & Minerals Ltd.	31.70	0.06
Tamil Nadu	Tamil Nadu Co-operative sugar federation Ltd.	44.56	68.55
	Tamil Nadu Electricity Board	195.00	0.01
	Tamil Nadu Newsprint & Papers Ltd.	89.03	0.11
	Tamil Nadu Petroproducts Ltd.	31.33	0.03
Uttar Pradesh	Pradeshik Co-operative Dairy Federation Ltd.	45.78	1.12
West Bengal	Webel Mediatronics Ltd.	19.13	0.75
	Webfil Ltd.	22.88	1.35
	Total	**130135.15**	**0.3**

Note : 1) R & D:- Research and Development

2) S.T.O:- Sales Trunover

3) *** Not Available

Source: Department of Science & Technology

CHAPTER - XIV

STATE PROFILES

INDUSTRIAL POLICIES OF STATES

Andhra Pradesh

- Industrial Single Window Clearance Act No.17 of 2002 enacted for speedy processing and issue of various approvals/ clearances/ at single point. Under the act statutory time limits have been prescribed for various departments and concept for deemed approvals has been introduced.
- Sector specific policies such as: Biotech policy announced for promotion of biotech industry in the state, Special incentives announced for apparel industry, ICT policy for promotion of ICT industry in the state and Food Processing Policy announced to develop value added agro industries in the state by creating vital linkages between Agriculture and Industry.
- Simplified Procedures and Inspections such as: Simplified common annual returns in place of too many returns to be submitted by the industrial units, Introduction of self Certification concept except hazardous industries, Systematization of inspection procedures of Labour Department, Export Oriented units declared as public utility services and strikes have been banned, Contract labour allowed in core activities and Flexibility in working hours for women.
- A.P.Small Scale Industries Revival Scheme (APSSIRS) introduced for effective revival of sick SSI units.

Arunachal Pradesh

The Industrial Policy, 2008 of Arunachal Pradesh is formulated to achieve the following objectives:

- To create an investment-friendly environment in the State for industrial growth in the private/ joint venture/ cooperative sectors for sustainable economic development of Arunachal Pradesh.
- To generate employment opportunities in the State.
- To make Arunachal Pradesh a preferred destination for outside investors.
- To encourage local entrepreneurs to set up enterprises based on locally available raw materials.
- To promote export oriented industrial units.
- To take steps to promote handloom and handicrafts.
- To promote local investors through joint ventures with outside investors.
- To encourage industrial units producing high value-low volume products.
- To ensure fast track clearance of industrial proposals.

Assam

The Industrial Policy of Assam, 2003 is formulated to achieve the following aims and objectives:

- To increase the share of the industrial sector to the State Domestic Product (SDP) from the present level of 13.29% to a level of at least 18% at the end of the terminal year of the Policy.
- To generate more employment opportunities in the State.
- To ensure development of adequate and appropriate infrastructures for industrial growth.
- To make Assam one of the preferred destinations for investment for outside investors.
- To take steps to promote rural handicrafts so as to conserve and enrich cultural heritage, traditions and customs of the state.
- To take steps to revive the potentially viable sick Public Sector Undertakings and to make the Public Sector Undertakings economically viable.
- To provide Single Window Clearance system for fast track clearance of industrial proposals.
- Thrust areas in important sectors identified.

Bihar

- Human resource development with a view to generating and encouraging entrepreneurship.
- Development of infrastructure.
- Setting up of export oriented units as well as Growth Centres.
- Establishment and strengthening of infrastructure to promote modern information technology and biotechnology as well as food processing projects.
- Intensive campaign for up gradation of technology and bringing about improvements in quality through research and development.
- Timely detection of sickness in industrial units and provision of necessary remedies through district level monitoring agencies.

Chhattisgarh

- The State of Chhattisgarh has decided that private investment will be encouraged in all possible areas and Government will focus only on governance. Viewing this philosophy, the Govt. has identified four basic strategies for its industrial development: cluster based industrial development; good governance and excellent infrastructure; improving the competitiveness of small scale industries and directed incentives. The identified thrust areas are: Agro-based and Forest-based industries; Mineral based industries; Traditional industries; Sunrise industries and Infrastructure Provisioning as industry.
- Encourages setting up of private sector industrial parks such as employment intensive parks, bio-tech parks, IT parks, investment oriented parks and trade centers.
- Provides to promote training institutions by large houses for IT, bio-technology, marine engineering, etc.
- Supports Environmental Protection measures.

DELHI

- The National Capital Territory of Delhi has emerged as one of the biggest centers of small scale industries in the country.
- A single point contact system for prospective entrepreneurs is apt to deliver the services of the Government with more transparency. To fulfill these objectives, “starting Business Council” (SBC) is being set up in the Industries Department to facilitate the entrepreneurs in obtaining clearances from various departments/ agencies for setting up of enterprises and promote right kind of industries in the NCT of Delhi.
- The Department is in the process of formulating Industrial Policy for the NCT of Delhi which emphasizes promotion of high-tech and knowledge based industries like IT/ITES, Bio-Technology, Gem & jeweler, Fashion Technology, Design park etc. Delhi being national capital and a metropolitan state, thrust is on encouraging sophisticated skill based industries which could achieve optimum level of production with less space and power and generate employment avenues for skilled persons. The small scale sector is a free sector. However the setting up of a small enterprise is subject to location restriction as specified in the local bodies.
- E.Biz Process using IT applications is proposed to be launched in Delhi.
- All the industrial estates are proposed to be placed under DSIIDC for management under Public has formulated partnership. Development (Operation & Maintenance) Bill -2009 on the pattern of

Maharashtra Industrial Development Act, 1961 for management of Industrial estates in Delhi. The said Bill has already been approved by the Delhi Cabinet and is pending in the Govt. of India, Ministry of Home Affairs for clearance.

- The Govt. of Delhi has notified SEZ policy to facilitate setting up of SEZ in HI-Teach areas e.g.
- Linkage with "Delhi Skill Development Foundation" to promote vocational education.
- Steps would be taken for reducing pollution and congestion in the city.

Dadra & Nagar Haveli

- Prior to 1965-66 there was no industry in the Union Territory. There were a few traditional craftsmen who used to make pots, leather items. Industrial development started on a low-key during 1967-68 with the establishment of an industrial estate under the cooperative sector by Dan Udyog Sahakari Sangh Ltd. Thereafter, three Government Industrial Estates have been developed at Silvassa, Masat and Khadoli. As on 30-6-2004, there were 1768 industries, which include Cottage, Village and Small Scale Industries, and 430 Medium Scale Industries in Textiles, Engineering, Plastics, Electronics, Pharmaceuticals, etc. which employ more than 43590 persons.

Goa

The mission can become a reality with clearly laid down objectives that will provide both focus and direction. The document lays down the following major objectives:

- Promote industries specifically identified as 'Thrust Areas'.
- Promote industries which would consume locally available raw materials, have consumption pattern within the State and neighbouring areas.
- Develop Goa as the 'Export/Import Hub' and encourage export oriented Industries.
- Develop self-employment opportunities for the local youth especially in rural and semi urban areas.
- Promote and encourage the agro-based industries to give a boost to the rural economy.
- Promote and encourage development of handicraft products to give boost to local artisans.
- Create a healthy climate for the growth and promotion of small-scale and cottage industries.
- Promote and encourage the process of Technological upgradation/automation in the existing units as well as new industries so that need of migrant labour is gradually reduced, thereby arresting the influx of migrant labour.
- Create cluster development centres in rural areas around which traditional livelihood earning professions can develop and thrive.
- Encourage industries which can convert existing and generated industrial waste such as mining rejects, slag etc., into useful products.
- Encourage participation of women entrepreneurs in the industrial development of the State.
- Ensure balanced growth to address regional economic and social disparities in the State.
- Encourage promotion of all such industries that are environment friendly and do not indulge in wasteful consumption of resources.
- Facilitate revival and rehabilitation of sick industrial units by devising suitable schemes.
- Promote Research and Development (R&D) to enable the industry to have access to state of art technology.
- Encourage the participation of Industry Associations in decision making process and support their initiatives in promotion industrial development.
- Encourage artistic talents amongst local youth.

Gujarat

Gujarat Industrial Policy announced by Government of Gujarat in Sept 2003 is aimed to comprehensively address all the issues of relevance to an entrepreneur/investor right from the stage of conceptualisation to commissioning and beyond. The main objectives of the policy are as under:

- Enabling an entrepreneur easy access to authentic source of Information
- Developing best Infrastructure
- Empowering industrial estates to make them partners-in-progress.
- Extensive use of advanced technology and good management practices
- Developing more and more Industrial Clusters and strengthening the existing clusters
- Adopting focused Marketing and Promotion activities
- Harnessing the potential of the longest coastline in the country to exploit Ports - the gateways of state's prosperity

Haryana

- To re establish industry as a key driver of economic growth.
- To create wealth for the residents of the state and improve the quality of their life.
- To generate employment and entrepreneurial opportunities across all sectors of the economy.
- To facilitate spatial dispersal of economic activities particularly in economically and socially backward regions of the state.
- To ensure sustainable development through investments in key sectors of economy.
- To develope economic hubs through infrastructural initiatives.
- To encourage public private partnership in infrastructure projects.
- To adopt sector specific approach focusing on incentivising and infrastructural support for synergetic growth of key enterprises.
- To develop services sector especially in tourism, transport, education, health care services and financial services.
- To enhance export competitiveness and enable CAGR (Compounded Annual Growth Rate) of 20%.
- To create investor focused approach in administrative processes.
- Adopting human resource development by establishing strategic linkages between industry and technical institutions to meet future manpower requirements.
- To continue with fiscal reforms and prudent public finance management to release resources for deployment in key public investment areas.
- To formulate a policy for rehabilitation and resettlement of landlords-land acquisition oustees.

Himachal Pradesh

The new Industrial policy intends to:

- Serve as a guideline for achieving the objective of uniform growth of industry and service sector throughout the state.
- Disperse industries and service sector activities.
- Cull together ingredients of an Industrial Policy so as to facilitate generation of employment opportunities for local resource owners and stakeholders.

- Clearly state Government's commitment and approach to the development of key infrastructure sectors like Power, Housing, Social Infrastructure Development, Human Resource Development and Vocational Education so as to create a congenial investment climate for existing industry to grow as well as to attract further investment in the State.
- Clearly spell out Industrial Incentives of fiscal nature.
- Specially address the issues impending industrial growth such as procedures for setting up of industry, obtaining permissions required under various Labour Laws, addressing issues related to transportation of industrial produce so as to lay the foundation of strong and consistent growth of the industrial sector.

Jammu & Kashmir

- As per the new Industrial Policy 1998 t0 2003, the new industrial units are entitled to avail of any benefit under the old package of incentives, applicable prior to the new policy.
- An open door policy for the investors from within the State, other parts of the country as also from abroad will be followed.
- In order to achieve the goal of rapid industrialisation, more emphasis will be given for development of infrastructure, growth centres and industrial estates.
- To promote research and development, technological upgradation and qualitative improvement and utilisation of state of art technology to improve product, production and productivity.

Jharkhand

- Rationalise fiscal concessions.
- Provide adequate infrastructural support at a reasonable cost for efficient functioning of the industrial sector.
- Simplify rules, regulations and procedures to remove bottlenecks for smooth functioning of the industrial sector.
- Introduce latest scientific data collection system to make the planning process more realistic.
- Make the "Single Window System" more effective.
- Ensuring timely and adequate flow of credit to industries, specially the SSI sector.
- Diagnose incipient sickness and initiate timely measures for revival of sick industries and develop a monitoring system at district level to avoid sickness in industry.
- Development of "Craft Villages" and organising "Craft Bazaars" to provide adequate market access to artisans and craftsmen.
- Encourage setting up of fruit processing, vegetable processing, spice processing, horticulture and other food processing industries in the State by providing special incentives and basic infrastructure to these industries.
- Develop Industrial Parks for specialised activities in the fields of Information Technology, Tassar/ Mulberry, Electronics, Plastic, Chemicals, Biotech and Herb, Exports and Food Processing with adequate power, water, communication, transport and other common facilities.
- Emphasis on small power generating units and developing non-conventional sources of energy through private participation.

Karnataka

The salient feature of the Karnataka Industrial Policy 2009-14 are as follows:

- Envisions toss make Karnataka prosperous through development of human & natural resources in a systematic, scientific and sustainable manner.
- Target to provide additional employment for about 10 lakh persons in the next five years.
- Efforts to increase the Share of industry to the State GDP to 20% by the year 2014.
- To double the State's export from the current level of Rs. 1, 30,000 crores.
- Focus on providing quality infrastructure across the State.
- Thrust on Skill Development & Entrepreneurship promotion.
- Added focus on development of MSME sector.
- Performance and Employment linked Incentives & Concessions.

Kerala

The Industrial Policy 2003 aims to accelerate the industrial growth in the State by attracting a steady stream of investment in industry, infrastructure and core strength sectors by creating a congenial investment climate in the State.

- The growth in the industrial sector is contingent on massive investment.
- Enhanced and sustained industrial growth rate and generation of higher employment.
- Creation and maintenance of an investment friendly climate.
- Maximisation of private investment in infrastructure development,
- Elimination of all restrictive labour practices, ensuring cordial industrial relations and establishment of a new work culture, with productivity orientation and productivity-linked wages.
- Special legal dispensation enabling a more liberalized environment within notified industrial zones, parks and estates.
- Re-engineering the Government's delivery mechanism to make them responsive.
- Special development of sunrise sectors.
- Maximisation of value addition within the State.
- Industrial development in a manner compatible with energy conservation and environmental concerns.
- Ensuring cost effectiveness and accountability by restructuring public enterprises.
- Providing a social safety net for those adversely affected by industrial restructuring.
- Reducing Government involvement in commercial activities and industrial production.
- Empowerment of the traditional sector to face global challenges.

Madhya Pradesh

- To make state administration industry friendly by simplifying rules and procedures.
- To accelerate the pace of industrialization and make Madhya Pradesh industrially a leading state.
- To maximize employment prospects.
- To attract NRI and foreign investment by developing world-class infrastructure.
- To create congenial environment for the development of small, medium and large industries.
- To ensure balanced regional development by generating employment in the non-farm sector.
- To chalk out special packages for removing industrial sickness.

- To integrate the different employment oriented schemes in order to provide employment opportunities on a sustainable basis.
- To rationalize commercial tax rates to make the state's industries competitive vis-à-vis industries in other states.
- To provide direction to industrialization, keeping in view the available local resources and the existing industrial base.
- To ensure private sector participation in the state's industrialization.
- To financially strengthen the undertakings of Department of Industries, enabling them to play a pivotal role in the promotion industries.

Maharashtra

- The achieve higher and sustainable economic growth with emphasis on balanced regional development and employment generation through greater private and public investment in industrial and infrastructure development.
- The Policy objective will be realized through the following strategies
- Identification of thrust sectors
- Building up of quality infrastructure
- Incentivising investments for employment generation in districts low on Human Development Index
- Attracting mega investment both foreign and domestic
- Commercial exploitation of local resources and local economic potential.
- Strengthening the SME sector through promotion of quality competitiveness, research and development and technology upgradation
- Nurturing industrial clusters
- Prevention of industrial sickness and revival of viable sick units
- Smooth exit option for industries
- Streamlining procedures, debottlenecking and creation of hassle free industry friendly environment
- Strengthening institutional support

Meghalaya

The Objectives of this new policy are as follows:

- Generate employment opportunities for the local people in the industries and allied sectors.
- Develop human resources and bring about improvements in the quality of life by promoting industries in sectors where the state has comparative advantage.
- Achieve a balanced and growth oriented development covering the entire state through promotion of village and small scale industries.
- Create a conducive environment for industrial development by creation of the basic Infrastructural facilities and by setting up of industrial areas, growth centre and export promotion industrial park.
- Encourage the setting up of selective medium and large industries by utilising the resource base of the state thereby ensuring sustainable industrial growth but compatible with ecological imperatives and hence encourage positive efforts towards the regeneration of the environment.
- Provide preference to local Entrepreneurship in setting up of large, medium and small-scale units.
- Promote local interests through joint ventures with external investors so as to facilitate technology transfer and capital flow by a package of suitable incentives.
- Encourage need - based development of local entrepreneurial skills through intensive motivation and training programmes at district, Sub-division and block levels.

- Provide guidance to prospective entrepreneurs by building up a data bank of project-profiles and other connected information.
- Simplify rules and procedures by providing a single-window clearance facility at the District Levels for the Small Scale Sector and at the State Level for Medium and Large Scale Industries.
- Promote the setting up of ancillary units for catering to the requirements of large and medium scale industries.
- Identify sick units that can be made viable and provide a comprehensive package of assistance for their revival.
- Promote and encourage high-value, low-volume products, in view of the transportation-bottlenecks in the State.
- Encourage setting up of export-oriented, Agro based, Mineral-based, Horticultural based and Electronic units as thrust area.

Mizoram

The main aim Industrial Policy 2000 will be to engineer rapid growth in the State by Industrialization of State to a sustainable extent for the fulfillment of the following:

- Enrichment of industrial growth potential lying in the sectors like agriculture, horticulture, forests and establishment of proper linkage amongst the industries based on resources available in these sectors.
- Formation of suitable mechanism for attracting and growth of capital formation in Mizoram by taking full advantage of the policy changes initiated by the Central Government in respect of industry, trade and commerce from time to time.
- Identifying and develop entrepreneurial and managerial skills by providing suitable training programmes at District, Sub-Division and Block levels and to create facilities for training of industrial labour on sustained basis.
- Ensuring balanced sectoral and regional growth by promoting industries under all sectors.
- Promotion and modernization of textile industry including traditional Sericulture and Handlooms and Handicrafts sectors.
- Encouraging joint ventures between local entrepreneurs and industrialists from outside the state on selective basis.
- Encouraging self-employment especially among technically qualified unemployed persons.

Nagaland

- Create quality industrial infrastructure in compact areas such as Integrated Infrastructural Development Centres, Food Parks, Information Technology Parks, Bio-technology Parks, Cold Storage chains, Warehouses, etc.
- Create *Industrial Facilitation Committees* with the mandate to provide single window clearance to large and medium industries. Adopt the same framework at the district level.
- Strengthen the network of training institutions in the State and create quality-training facilities in sophisticated and specialized trades by encouraging investment in such facilities by the Government of India, the State Government and the private sector.
- Strengthen the role of NIDC as the premier promoter of large and medium scale industrial units by extending suitable financial and policy support to it.

- Provide an attractive incentive package of subsidies and concessions over and above the incentives available in the Central Government's North East Industrial Policy 1997 & other concessions so as to attract substantial private investment in the State.
- Conduct special drives to attract private investment from potential domestic and foreign investors.

Orissa

- Accelerate economic development of the State.
- Harnessing resources & potential for industrial growth
- Facilitating investment in industries & infrastructure.
- Developing the required human resources for industrial employment.
- Supporting small and rural industries, artisans and craftsman.
- Promotion of new industries.
- Support to existing industries.
- Revival of sick industries.
- Mineral processing and value addition.
- Downstream industries in steel, aluminum & petro-chemicals sectors.
- Chemicals & fertilizer.
- Agro & Food processing industries.
- Handicraft & handloom.
- IT industries.

Punjab

- Punjab Industrial Facilitation Act has been implemented to expedite clearances for projects in a time bound manner.
- Time schedules for all clearances have been notified.
- System of deemed clearances, in case clearance is not granted in the prescribed time scheduled, has also been notified.
- State Government facilitates and encourages private participation in Development of Industrial Parks/Estates/IT Parks/Agro Parks/SEZ through private sector participation.
- Mega Projects with investment of Rs. 100 crore or more (Rs. 25 crore or more, in border districts, Agro Processing units, IT, ITES, BT, Electronic and Garments manufacturing units) are offered Special Package of incentives.
- Special packages of incentives have been provided for development of Super Mega, mixed use Industrial Park Projects set up on 250 acres or more of land.
- Empowered committee headed by the Chief Minister clears the Super Mega and Mega Projects.
- Punjab Special Economic Zones Act, 2009 has been notified.

Rajasthan

The main objective of the State Policy is:

- To achieve global competitiveness, by improving infrastructure, development of thrust sectors, simplification of rules and procedures, greater participation of private sector, setting up of Business Centres and Industrial Complexes, Development of Integrated Industrial Parks (IIPs) and Industrial Model Towns (IMTs).

Tamil Nadu

The State Government announced a New Industrial Policy in September 2003 which aimed at facilitate new manufacturing capacity building to meet the challenges of globalisation and the demand for new areas of development. The policy aimed at:

- To encourage Private Participation in Infrastructure building.
- Reviewing the existing labour laws.
- Setting of single window mechanism for investments.
- Reduce paper-work.
- Encouraging Special Economic Zone (SEZ).
- Announcing IT Policy to provide an investor-friendly environment for the IT sector.

Uttar Pradesh

- The Industrial Policy 1998 aims at tapping the unlimited potential of the State, by promoting private participation in the industrial and the economic growth of the State, balanced development of tinny, small and heavy sector, strengthening of traditional industries, promotion of exports, attract NRIs and foreign invest-ment, recognition of the role of service sector, up-gradation of technical entrepreneurial schemes, up-gradation of existing infrastructure, simplification of procedures, new scheme for Punar-Jeevan to a small industry, to create system of facilitation.

Uttranchal

- To develop critical infrastructure facilities viz. roads, power, water supply, telecommunications, etc. with private sector participation wherever possible and feasible.
- To identify thrust areas, in particular industries based on locally available raw materials and skills and draw up integrated development plans for each such area.
- To encourage private sector participation including attracting foreign and Non Resident Indian investment.
- To strengthen and expand marketing facilities.
- To ensure protection of environment.
- To develop linkages with all concerned departments, such as Agriculture, Horticulture, Tourism, Forest, Environment, etc.
- To develop human resources.
- To provide adequate institutional arrangements to implement the above strategy through a friendly, responsive and pro-active administration at all levels.

West Bengal

- The State Government has given emphasis on development of Growth Centres, Export Processing Zones (EPZ), Electronic Complexes and setting up industries in backward areas, NRI Cell, Promoting foreign technology and investment for the appropriate sectors having faith in the public sector.

Lakshadweep

- The union Territory of Lakshadweep is declared as one of the “No –Industry district” of our country. Lakshadweep is entirely different from other part of India. This difference will be especially visible in the area of the development. The inherent constraints of the area, especially being isolated and geographically scattered do not permit it to take up any major industrial ventures, Locational disadvantages, non- availability of fresh water and power hinder development of even medium type of industries. Further, it is generally noticed that the people of Lakshadweep themselves lack entrepreneurship because isolation from the mainland and the peculiar social set up in the islands would have contributed to this. The department of Industries formulating various plan schemes for this Union Territory. The major Plan Schemes and incentives is carrying out by the department for the development of sector is detailed below.

Pondicherry

- To provide Export friendly conditions for the rapid and sustainable growth of exports.
- Upgrading technology and skills in the traditional export sectors like Textiles, Leather, Agarbathies and Handicrafts to enhance value addition and quality competitiveness.
- Enhancing the export potential of non-traditional sectors like IT & ITES, Services, Gems & Jewellery, Herbal Products etc.
- Promoting export of new value added products.
- Special Economic Zone has to be developed to house Light Engineering, IT & ITES industries.
- Incentive schemes such as MDA, TUF have been introduced for small scale industries.
  promoting creativity amongst exporters by way of building strong and globally competitive brands for products manufactured/produce originating form Pondicherry. Every year one unit shall be considered to avail 75% of the expenditure incurred towards obtaining the patent or Rs. 1,50,000/- which ever is less restricted to a maximum of Rs. 1,50,000/-. Units which receive the benefit under this scheme once may not be considered again.

Source : Respective State Governments/web sites

TABLE 14.1 STATE WISE GROWTH RATE (%) GROSS STATE DOMESTIC PRODUCT FROM MANUFACTURING SECTOR AT CONSTANT PRICES (1999-2000 prices)

Sl. No.	State\UT	2003-04	2004-05	2005-06	2006-07	2007-08
1	2	3	4	5	6	7
1.	Andhra Pradesh	8.26	7.74	8.00	8.92	6.76
2.	Arunachal Pradesh	-6.32	1.78	10.62	7.25	3.22
3.	Assam	12.42	4.90	1.53	2.75	2.56
4.	Bihar	-2.99	7.38	-1.13	13.01	11.26
5.	Jharkhand	10.74	14.15	14.20	23.07	4.52
6.	Goa	8.21	10.22	8.14	11.96	9.93
7.	Gujarat	12.00	14.86	8.07	12.61	NA
8.	Haryana	9.99	9.10	8.31	10.46	9.61
9.	Himachal Pradesh	4.96	7.43	13.43	2.38	6.66
10.	J & K	6.47	37.34	7.40	18.55	11.13
11.	Karnataka	8.93	4.72	6.59	4.73	7.44
12.	Kerala	5.56	4.85	6.92	13.46	10.94
13.	Madhya Pradesh	2.21	10.00	-1.55	6.21	6.20
14.	Chattisgarh	23.68	26.52	-17.35	20.07	11.38
15.	Maharashtra	10.70	9.87	8.70	12.26	8.45
16.	Manipur	4.22	6.61	8.44	4.34	4.34
17.	Meghalaya	12.05	16.06	8.07	14.19	13.90
18.	Mizoram	10.13	-0.96	36.43	7.45	7.45
19.	Nagaland	6.19	2.06	14.89	NA	NA
20.	Orissa	17.74	42.48	2.10	24.76	-0.96
21.	Punjab	3.72	6.46	7.66	12.25	8.17
22.	Rajasthan	4.57	11.00	10.13	12.36	8.82
23.	Sikkim	6.81	6.65	8.89	13.36	13.34
24.	Tamil Nadu	11.45	7.56	16.45	11.34	4.73
25.	Tripura	20.57	-4.35	95.12	4.40	NA
26.	Uttar Pradesh	4.43	6.64	6.28	7.10	6.48
27.	Uttaranchal	8.11	15.81	6.86	12.08	NA
28.	West Bengal	4.44	10.68	-3.03	13.63	1.65
29.	A & N islands	56.79	-21.17	0.14	33.31	NA
30.	Chandigarh	6.49	14.82	37.10	-3.62	13.12
31.	Delhi	-6.68	11.70	9.00	7.38	6.36
32.	Pondicherry	7.95	-24.02	9.15	12.34	12.94

Source: Central Statistical Organisation (CSO)

TABLE 14.2 ANDHRA PRADESH

1	**a) Geographical area (Sq. Km.)**	275045
	b Percentage Share	8.37
2	**a) Population – 2001 Census ('000 No.)**	76210
	b Percentage Share	7.41
	c Density of Population per Sq. Km.	277
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	26983
	b) At Current Prices	39597
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	6724

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	5615	7.26	411838	8.33	1087019	6.56
b) LOIs+DILs						
Aug. 1991-March 2009	532	12.00	15111	11.61	97260	10.24

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	282	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	1384	17904.80

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	1.00

TABLE 14.2 (CONTD.) ANDHRA PRADESH

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	6343	137833	954749	329895	286179
16	Mfr. of Tobacco Products	414	281492	128061	87293	82779
17	Mfr. of Textiles	421	65406	286911	85290	68635
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	44	4730	14993	3461	2779
19	Mfr. of Leather & Related Products	58	927	3901	773	552
20	Mfr. of Wood And Wood Products	124	2252	9215	5032	4558
21	Mfr. of Paper And Paper Products	410	16354	320443	59733	45906
22	Publishing, Printing And Related Activities	318	8672	125814	37887	29038
23	Mfr. of Coke, Petroleum Products & Nuclear Fuel	72	2870	544189	144664	126984
24	Mfr. of Chemicals And Chemical Products	818	50499	1026560	325286	263912
25	Mfr. of Rubber And Plastic Products	670	20602	90091	47024	39334
26	Mfr. of Other Non-Metallic Mineral Products	2476	53817	506060	156382	121373
27	Mfr. of Basic Metals	437	31109	1058036	331893	266761
28	Mfr. of Fabricated Metal Products	664	26049	117606	85438	80585
29	Mfr. of Machinery And Equipment N.E.C.	594	19418	168513	70640	61680
30	Mfr. of Office, Accounting And Computing Machinery	5	257	871	2329	2257
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	263	21448	239160	155118	145693
32	Mfr. of Radio, Television And Communication Equip.	68	9817	62894	57434	54022
33	Mfr. of Medical, Precision And Optical Instruments	19	1074	8661	5703	4980
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	97	8753	46457	10164	5781
35	Mfr. of Other Transport Equipments	30	8432	32001	21736	19944
36	Mfr. of Furniture & Other Manufacturing N.E.C.	83	5665	37448	9172	7871
	Other Industries	470	12644	165696	49899	34451

Note : not elsewhere classified

Source: 1. Census of India. 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion.
5. Deptt. of Public Enterprises.

TABLE 14.3 ARUNACHAL PRADESH

1	**a) Geographical area (Sq. Km.)**	83743
	b Percentage Share	2.55
2	**a) Population – 2001 Census ('000 No.)**	1098
	b Percentage Share	0.11
	c Density of Population per Sq. Km.	13
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	22475
	b) At Current Prices	33302
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	77

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	42	0.05	611	0.01	6278	0.04
b) LOIs+DILs						
Aug. 1991-March 2009	4	0.09	1	0.00	522	0.05

	No.	Investment (Rs. Cr.)
ii) Foreign Collaboration Approvals		
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008		0 -
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	2	11.06

6 Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)	0.02

TABLE 14.4 ASSAM

1	**a) Geographical area (Sq. Km.)**	78438
	b Percentage Share	2.39
2	**a) Population – 2001 Census ('000 No.)**	26656
	b Percentage Share	2.59
	c Density of Population per Sq. Km.	340
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	16272
	b) At Current Prices	23993
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	1420

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	526	0.68	18384	0.37	74145	0.45
b) LOIs+DILs						
Aug. 1991-March 2009	13	0.29	2435	1.87	4606	0.48

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	25	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	32	37.40

6 Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.) 0.50

TABLE 14.4 (CONTD.) ASSAM

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	941	63429	185223	66631	54656
16	Mfr. of Tobacco Products	16	887	5367	11498	11362
17	Mfr. of Textiles	27	1856	4858	1849	1581
20	Mfr. off Wood And Wood Products	48	424	909	223	171
21	Mfr. of Paper And Paper Products	28	3954	45340	24653	22609
22	Publishing, Printing And Related Activities	26	653	1603	2158	1970
23	Mfr. ofCoke, Petroleum Products And Nuclear Fuel	37	6219	692969	234141	202849
24	Mfr. of Chemicals And Chemical Products	69	5959	92417	42434	38908
25	Mfr. of Rubber And Plastic Products	61	1387	12245	5449	4423
26	Mfr. of Other Non-Metallic Mineral Products	395	20664	31490	13725	11737
27	Mfr. of Basic Metals	49	600	4739	965	815
28	Mfr. of Fabricated Metal Products	34	642	1360	538	480
29	Mfr. off Machinery And Equipment N.E.C.	22	1007	2963	1421	1305
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	15	524	2378	2450	2386
32	Mfr. of Radio, Television And Communication Equip.	6	49	451	-8	-42
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	3	102	210	68	62
36	Mfr. ofFurniture & Other Manufacturing N.E.C.	8	68	240	70	61
	Other Industries	80	1613	6214	2651	2284

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI

4. Deptt. of Industrial Policy and Promotion

5. Deptt. of Public Enterprises

TABLE 14.5 BIHAR

1	**a) Geographical area (Sq. Km.)**	94163
	b Percentage Share	2.86
2	**a) Population – 2001 Census ('000 No.)**	82999
	b Percentage Share	8.07
	c Density of Population per Sq. Km.	881
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	9586
	b) At Current Prices	12643
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	1257

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	298	0.39	27944	0.57	58890	0.36
b) LOIs+DILs						
Aug. 1991-March 2009	33	0.74	1462	1.12	13674	1.44

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	23	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	50	739.71

6 Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.) 0.20

TABLE 14.5 (CONTD.) BIHAR

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	180	9359	107198	28721	24202
16	Mfr. of Tobacco Products	93	2303	8225	27082	26694
17	Mfr. of Textiles	19	3766	4718	1441	1286
19	Mfr. of Leather & Related Products	7	1103	2055	922	692
20	Mfr. of Wood And Wood Products	121	1441	932	410	342
21	Mfr. of Paper And Paper Products	21	809	6268	10368	9949
22	Publishing, Printing And Related Activities	29	431	1932	846	501
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	43	1838	340220	-17990	-32623
24	Mfr. of Chemicals And Chemical Products	50	848	8388	1232	701
25	Mfr. of Rubber And Plastic Products	17	185	1816	714	601
26	Mfr. of Other Non-Metallic Mineral Products	786	29163	20127	6557	4750
27	Mfr. of Basic Metals	58	2155	13544	3312	2638
28	Mfr. of Fabricated Metal Products	33	452	1145	684	665
29	Mfr. of Machinery And Equipment N.E.C.	48	825	2020	790	749
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	7	60	252	24	15
35	Mfr. of Other Transport Equipments	4	641	1190	97	50
36	Mfr. of Furniture & Other Manufacturing N.E.C.	5	28	261	44	38
	Other Industries	148	1492	9447	1689	974

Note : not elsewhere classified

Source: *1. Census of India 2. C.S.O. 3. RBI*
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.6 CHHATISHGARH

1	**a) Geographical area (Sq. Km.)**	135191
	b Percentage Share	4.11
2	**a) Population – 2001 Census ('000 No.)**	20834
	b Percentage Share	2.03
	c Density of Population per Sq. Km.	154
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	19521
	b) At Current Prices	34483
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	1257

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	2282	2.95	667712	13.51	601334	3.63
b) LOIs+DILs						
Aug. 1991-March 2009	31	0.70	565	0.43	3816	0.40

	No.	Investment (Rs. Cr.)
ii) Foreign Collaboration Approvals		
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	31	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	51	2482.93

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	1.00

TABLE 14.6 (CONTD.) CHHATISHGARH

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	583	12844	52579	14022	10772
16	Mfr. of Tobacco Products	39	4326	2045	2485	2443
17	Mfr. of Textiles	12	1156	13898	1973	617
19	Mfr. of Leather & Related Products	7	40	60	23	21
20	Mfr. of Wood And Wood Products	52	601	5080	504	399
21	Mfr. of Paper And Paper Products	26	1436	10324	3146	2594
22	Publishing, Printing And Related Activities	10	351	608	756	680
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	26	1425	10523	10748	9553
24	Mfr. of Chemicals And Chemical Products	60	2728	9665	2788	2131
25	Mfr. off Rubber And Plastic Products	17	529	4450	881	604
26	Mfr. of Other Non-Metallic Mineral Products	83	6185	195544	32656	18742
27	Mfr. of Basic Metals	367	42823	1708013	703704	621880
28	Mfr. of Fabricated Metal Products	71	3247	6807	13076	12705
29	Mfr. of Machinery And Equipment N.E.C.	44	3800	20038	8031	7225
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	27	920	2488	1816	1567
35	Mfr. ofOther Transport Equipments	15	996	4314	1977	1726
36	Mfr. of Furniture & Other Manufacturing N.E.C.	8	160	739	239	166
	Other Industries	30	1012	19859	4177	3755

Note : not elsewhere classified

Source: *1. Census of India 2. C.S.O. 3. RBI*
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.7 GOA

1	**a) Geographical area (Sq. Km.)**	3702
	b Percentage Share	0.11
2	**a) Population – 2001 Census ('000 No.)**	1348
	b Percentage Share	0.13
	c Density of Population per Sq. Km.	364
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	425

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	663	0.86	10015	0.20	71998	0.43
b) LOIs+DILs						
Aug. 1991-March 2009	37	0.83	168	0.13	3526	0.37

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	70	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	296	1158.84

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.03

TABLE 14.7 (CONTD.) GOA

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	75	3523	39710	33537	30025
17	Mfr. of Textiles	15	466	8631	11795	11154
21	Mfr. of Paper And Paper Products	33	656	4255	1777	1455
22	Publishing, Printing And Related Activities	14	434	5361	3579	3138
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	6	365	31934	1911	1099
24	Mfr. of Chemicals And Chemical Products	100	7512	206937	155490	144201
25	Mfr. of Rubber And Plastic Products	51	2267	39171	23379	18114
26	Mfr. of Other Non-Metallic Mineral Products	20	764	16680	4940	3827
27	Mfr. of Basic Metals	60	3772	117132	56630	51323
28	Mfr. of Fabricated Metal Products	27	602	5300	4191	3899
29	Mfr. of Machinery And Equipment N.E.C.	33	1022	15811	11406	9797
30	Mfr. of Office, Accounting And Computing Machinery	6	706	16893	13333	12568
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	16	992	35090	23798	21354
32	Mfr. of Radio, Television And Communication Equip.	13	776	2842	1437	1187
33	Mfr. of Medical, Precision And Optical Instruments	21	1520	18848	7741	6717
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	11	2012	4292	4821	4635
35	Mfr. ofOther Transport Equipments	8	732	23516	1614	516
36	Mfr. of Furniture & Other Manufacturing N.E.C.	15	887	5702	1714	1356
	Other Industries	20	960	17286	4294	3158

Note : not elsewhere classified

Source: *1. Census of India 2. C.S.O. 3. RBI*
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.8 GUJARAT

1	**a) Geographical area (Sq. Km.)**	196024
	b Percentage Share	5.96
2	**a) Population – 2001 Census ('000 No.)**	50671
	b Percentage Share	4.93
	c Density of Population per Sq. Km.	258
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	4487

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	9090	11.76	597074	12.08	1617599	9.76
b) LOIs+DILs						
Aug. 1991-March 2009	467	10.53	23404	17.98	75855	7.99

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	629	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	1335	15607.60

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.50

TABLE 14.8 (CONTD.) GUJARAT

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	1302	55102	669054	164009	137394
16	Mfr. of Tobacco Products	170	3624	23438	14801	14184
17	Mfr. of Textiles	1571	131778	1169291	372639	282197
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	136	8370	23987	12614	11215
19	Mfr. of Leather & Related Products	14	541	1999	992	829
20	Mfr. of Wood And Wood Products	356	4584	39835	19843	18012
21	Mfr. of Paper And Paper Products	389	14393	192254	44286	33320
22	Publishing, Printing And Related Activities	186	4250	44002	34684	31427
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	64	14769	4292007	1856906	1601911
24	Mfr. of Chemicals And Chemical Products	2028	120193	4703931	1834517	1499332
25	Mfr. of Rubber And Plastic Products	696	23025	261040	83130	64940
26	Mfr. of Other Non-Metallic Mineral Products	1508	61889	823043	287856	234340
27	Mfr. of Basic Metals	938	33171	1831416	286276	213788
28	Mfr. of Fabricated Metal Products	966	30241	329312	141259	125846
29	Mfr. of Machinery And Equipment N.E.C.	1743	48015	445524	193911	170087
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	388	15390	141512	62669	54553
32	Mfr. of Radio, Television And Communication Equip.	48	3968	198928	44458	32658
33	Mfr. of Medical, Precision And Optical Instruments	113	5901	46699	23347	18544
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	126	8108	119729	47678	39847
35	Mfr. of Other Transport Equipments	134	5871	49637	32283	30489
36	Mfr. of Furniture & Other Manufacturing N.E.C.	270	37584	354778	89503	81284
	Other Industries	400	8957	517630	86293	61036

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.9 HARYANA

1	**a) Geographical area (Sq. Km.)**	44212
	b Percentage Share	1.34
2	**a) Population – 2001 Census ('000 No.)**	21145
	b Percentage Share	2.06
	c Density of Population per Sq. Km.	478
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	42267
	b) At Current Prices	67891
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	2209

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	3947	5.10	74708	1.51	622201	3.75
b) LOIs+DILs						
Aug. 1991-March 2009	242	5.46	4381	3.36	64333	6.77

ii) Foreign Collaboration Approvals		No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008		363	
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008		954	4115.18

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.20

TABLE 14.9 (CONTD.) HARYANA

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	566	34033	363124	95104	80175
16	Mfr. of Tobacco Products	14	345	3286	1125	994
17	Mfr. of Textiles	488	30999	208952	99276	80480
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	233	61891	242593	99653	86887
19	Mfr. of Leather & Related Products	75	7131	43104	18708	16063
20	Mfr. of Wood And Wood Products	248	2372	20232	4256	3324
21	Mfr. of Paper And Paper Products	89	4451	43146	15820	12616
22	Publishing, Printing And Related Activities	29	1659	18849	6389	4996
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	5	35	982	189	166
24	Mfr. of Chemicals And Chemical Products	214	6535	103868	42877	37808
25	Mfr. of Rubber And Plastic Products	141	6638	53221	24593	19868
26	Mfr. of Other Non-Metallic Mineral Products	345	11975	94904	25502	20810
27	Mfr. of Basic Metals	301	12152	360416	111890	92829
28	Mfr. of Fabricated Metal Products	375	11128	116852	44417	36706
29	Mfr. of Machinery And Equipment N.E.C.	384	21686	229581	145413	132058
30	Mfr. of Office, Accounting And Computing Machinery	7	413	6294	6173	5635
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	134	12094	101189	59873	52270
32	Mfr. of Radio, Television And Communication Equip.	17	756	11373	5322	4500
33	Mfr. of Medical, Precision And Optical Instruments	72	7350	46238	20686	16936
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	314	39129	606917	409996	349616
35	Mfr. of Other Transport Equipments	117	28062	288376	328267	298267
36	Mfr. of Furniture & Other Manufacturing N.E.C.	23	1680	10490	3967	3316
	Other Industries	53	919	5642	2168	1908

Note : not elsewhere classified

Source: *1. Census of India 2. C.S.O. 3. RBI*
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.10 HIMACHAL PRADESH

1	**a) Geographical area (Sq. Km.)**	55673
	b Percentage Share	1.69
2	**a) Population – 2001 Census ('000 No.)**	6078
	b Percentage Share	0.59
	c Density of Population per Sq. Km.	109
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	962

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	873	1.13	23193	0.47	159938	0.97
b) LOIs+DILs						
Aug. 1991-March 2009	35	0.79	488	0.37	6232	0.66

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	65	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	109	1235.65

6 Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.) 0.09

TABLE 14.10 (CONTD.) HIMACHAL PRADESH

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	110	4136	37237	13209	10466
16	Mfr. of Tobacco Products	10	663	7987	1974	1658
17	Mfr. of Textiles	50	10935	176687	39606	26696
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	4	235	2000	2625	2588
19	Mfr. of Leather & Related Products	14	845	8594	4083	3731
20	Mfr. of Wood And Wood Products	8	53	265	39	27
21	Mfr. of Paper And Paper Products	41	1344	17627	4982	3850
22	Publishing, Printing And Related Activities	13	530	4113	13457	12933
24	Mfr. of Chemicals And Chemical Products	140	6784	346399	322137	309188
25	Mfr. of Rubber And Plastic Products	62	1337	11642	4758	3987
26	Mfr. of Other Non-Metallic Mineral Products	42	2904	91542	46325	41099
27	Mfr. of Basic Metals	37	1132	14561	21984	20937
28	Mfr. of Fabricated Metal Products	28	1138	10136	4191	3375
29	Mfr. of Machinery And Equipment N.E.C.	80	3722	48625	26999	24889
30	Mfr. of Office, Accounting And Computing Machinery	16	593	11121	16259	15758
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	55	2165	24835	29176	27961
32	Mfr. of Radio, Television And Communication Equip.	28	1440	66105	12673	9810
33	Mfr. of Medical, Precision And Optical Instruments	25	1460	6706	15943	15653
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	13	487	7511	819	-402
36	Mfr. of Furniture & Other Manufacturing N.E.C.	5	69	395	563	541
	Other Industries	26	643	190452	40863	34536

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.11 JAMMU & KASHMIR

1	**a) Geographical area (Sq. Km.)**	222236
	b Percentage Share	6.76
2	**a) Population – 2001 Census ('000 No.)**	10144
	b Percentage Share	0.99
	c Density of Population per Sq. Km.	100
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	1007

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	618	0.80	12537	0.25	113726	0.69
b) LOIs+DILs						
Aug. 1991-March 2009	7	0.16	76	0.06	2074	0.22

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	3	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	6	8.41

6 Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.) 0.09

TABLE 14.11 (CONTD.) JAMMU & KASHMIR

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	98	4378	24556	7579	5932
17	Mfr. of Textiles	26	6510	35749	9539	6929
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	4	277	483	497	483
20	Mfr. of Wood And Wood Products	16	574	1172	521	481
21	Mfr. of Paper And Paper Products	13	671	2123	1525	1391
22	Publishing, Printing And Related Activities	8	89	1005	-452	-728
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	6	319	8425	-2039	-2300
24	Mfr. of Chemicals And Chemical Products	89	5586	57815	46654	44325
25	Mfr. of Rubber And Plastic Products	31	1812	8841	6420	5848
26	Mfr. of Other Non-Metallic Mineral Products	32	2242	17337	5587	4609
27	Mfr. of Basic Metals	52	4483	15708	21889	21082
28	Mfr. of Fabricated Metal Products	38	1019	3519	1898	1777
29	Mfr. of Machinery And Equipment N.E.C.	25	927	2388	1933	1859
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	32	896	2767	4568	4414
32	Mfr. of Radio, Television And Communication Equip.	6	645	1641	682	646
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	3	134	247	293	285
36	Mfr. of Furniture & Other Manufacturing N.E.C.	25	1213	5034	1745	1376
	Other Industries	15	514	3687	2793	2701

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.12 JHARKHAND

1	**a) Geographical area (Sq. Km.)**	79714
	b Percentage Share	2.42
2	**a) Population – 2001 Census ('000 No.)**	26946
	b Percentage Share	2.62
	c Density of Population per Sq. Km.	338
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	16294
	b) At Current Prices	21465
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	1749

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	927	1.20	370636	7.50	356870	2.15
b) LOIs+DILs						
Aug. 1991-March 2009	18	0.41	474	0.36	2368	0.25

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	57	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	86	146.93

6 Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.) 2.10

TABLE 14.12 (CONTD.) JHARKHAND

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	99	1772	19501	11363	7541
16	Mfr. of Tobacco Products	38	2827	2382	1799	1782
17	Mfr. of Textiles	6	635	1192	704	635
20	Mfr. of Wood And Wood Products	32	129	498	200	184
21	Mfr. of Paper And Paper Products	8	66	252	65	47
22	Publishing, Printing And Related Activities	22	529	2581	1479	1216
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	229	12495	95601	104081	98294
24	Mfr. of Chemicals And Chemical Products	86	3582	84585	18258	14576
25	Mfr. of Rubber And Plastic Products	41	601	3039	1009	837
26	Mfr. of Other Non-Metallic Mineral Products	519	14495	91593	33239	29422
27	Mfr. of Basic Metals	208	58066	1744884	1058077	954574
28	Mfr. of Fabricated Metal Products	69	1770	18730	7790	6858
29	Mfr. of Machinery And Equipment N.E.C.	49	3763	45394	41164	39527
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	8	165	260	400	384
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	87	11012	175551	74536	61573
35	Mfr. of Other Transport Equipments	7	211	1372	706	623
36	Mfr. of Furniture & Other Manufacturing N.E.C.	7	82	241	103	95
	Other Industries	76	1392	195171	49304	33633

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.13 KARNATAKA

1	**a) Geographical area (Sq. Km.)**	191791
	b Percentage Share	5.83
2	**a) Population – 2001 Census ('000 No.)**	52851
	b Percentage Share	5.14
	c Density of Population per Sq. Km.	276
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	27385
	b) At Current Prices	40998
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	5998

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	3224	4.17	371680	7.52	715540	4.32
b) LOIs+DILs						
Aug. 1991-March 2009	284	6.41	10562	8.11	76914	8.10

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	523	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	2773	25390.20

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.80

TABLE 14.13 (CONTD.) KARNATAKA

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	1488	66596	775401	276032	235856
16	Mfr. of Tobacco Products	84	6232	69010	162324	157659
17	Mfr. of Textiles	313	29431	184077	79569	65860
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	603	174706	201027	133175	119442
19	Mfr. of Leather & Related Products	52	2282	9002	4192	3496
20	Mfr. of Wood And Wood Products	191	3733	20318	8599	7366
21	Mfr. ofPaper And Paper Products	219	12023	134033	40038	32914
22	Publishing, Printing And Related Activities	205	6086	57538	28727	24110
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	36	1521	661412	99603	62019
24	Mfr. of Chemicals And Chemical Products	478	22249	446947	214723	191738
25	Mfr. of Rubber And Plastic Products	407	13217	112482	41997	33690
26	Mfr. of Other Non-Metallic Mineral Products	473	17717	296496	66023	48743
27	Mfr. of Basic Metals	354	20241	1333571	530962	468500
28	Mfr. of Fabricated Metal Products	474	15386	129564	32630	22966
29	Mfr. of Machinery And Equipment N.E.C.	713	25651	434138	183092	159095
30	Mfr. of Office, Accounting And Computing Machinery	11	1222	18545	26949	25916
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	405	19901	241573	154392	141184
32	Mfr. of Radio, Television And Communication Equip.	162	8682	374788	96982	81888
33	Mfr. of Medical, Precision And Optical Instruments	123	5543	45742	24141	21112
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	264	22205	348216	101514	65393
35	Mfr. of Other Transport Equipments	64	4937	66096	69267	64236
36	Mfr. of Furniture & Other Manufacturing N.E.C.	103	5169	43812	12924	11485
	Other Industries	376	10335	190859	53771	

Note : not elsewhere classified

Source: *1. Census of India 2. C.S.O. 3. RBI*
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.14 KERALA

1	**a) Geographical area (Sq. Km.)**	38863
	b Percentage Share	1.18
2	**a) Population – 2001 Census ('000 No.)**	31841
	b Percentage Share	3.10
	c Density of Population per Sq. Km.	819
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	35457
	b) At Current Prices	49316
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	4206

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	612	0.79	10763	0.22	103425	0.62
b) LOIs+DILs						
Aug. 1991-March 2009	76	1.71	2866	2.20	14918	1.57

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	76	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	356	1966.63

6 Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.) 0.40

TABLE 14.14 (CONTD.) KERALA

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	1114	147483	231607	87240	76452
16	Mfr. of Tobacco Products	796	35971	7372	8017	7935
17	Mfr. of Textiles	388	18121	90391	29962	24783
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	26	3751	5816	5219	4945
19	Mfr. of Leather & Related Products	105	1381	19739	7253	6187
20	Mfr. of Wood And Wood Products	564	6298	27467	6252	5310
21	Mfr. of Paper And Paper Products	90	3440	36635	13881	11680
22	Publishing, Printing And Related Activities	130	3341	36333	27683	23554
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	14	2616	382222	49647	34527
24	Mfr. of Chemicals And Chemical Products	227	12379	201914	77767	66596
25	Mfr. of Rubber And Plastic Products	438	12190	95074	51598	45827
26	Mfr. of Other Non-Metallic Mineral Products	914	12589	55346	28260	25557
27	Mfr. of Basic Metals	95	6083	68371	17458	13936
28	Mfr. of Fabricated Metal Products	139	2585	9240	3638	2949
29	Mfr. of Machinery And Equipment N.E.C.	91	1989	13401	8142	7683
30	Mfr. of Office, Accounting And Computing Machinery	6	364	1560	1013	960
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	81	3042	10459	6999	6568
32	Mfr. of Radio, Television And Communication Equip.	46	5517	53431	34096	31523
33	Mfr. of Medical, Precision And Optical Instruments	26	1022	6208	6212	5797
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	16	112	302	62	51
35	Mfr. of Other Transport Equipments	14	3386	43687	16232	15253
36	Mfr. of Furniture & Other Manufacturing N.E.C.	113	1560	9687	3003	2516
	Other Industries	210	4261	58872	33673	26195

Note : not elsewhere classified

Source: *1. Census of India 2. C.S.O. 3. RBI*
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.15 MADHYA PRADESH

1	**a) Geographical area (Sq. Km.)**	308245
	b Percentage Share	9.38
2	**a) Population – 2001 Census ('000 No.)**	60348
	b Percentage Share	5.87
	c Density of Population per Sq. Km.	196
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	4094

5 Investment Climate

i) Industrial Investment Proposals

	Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a)	IEMs						
	Aug. 1991-March 2009	3040	3.93	310382	6.28	774811	4.68
b)	LOIs+DILs						
	Aug. 1991-March 2009	147	3.32	3274	2.51	31682	3.34

ii)	Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a)	Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	79	-
b)	Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	254	9391.75

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	1.00

TABLE 14.15 (CONTD.) MADHYA PRADESH

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	511	18167	308301	84969	71705
16	Mfr. of Tobacco Products	277	12941	10339	6836	6577
17	Mfr. of Textiles	135	25260	304375	127080	105539
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	15	1782	7184	2174	2060
19	Mfr. of Leather & Related Products	49	2003	19026	6760	6020
20	Mfr. of Wood And Wood Products	38	666	3218	1750	1616
21	Mfr. of Paper And Paper Products	101	4688	22459	11794	10491
22	Publishing, Printing And Related Activities	50	1266	8970	3906	2876
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	20	638	15731	6912	5639
24	Mfr. of Chemicals And Chemical Products	256	15325	277126	132017	113441
25	Mfr. of Rubber And Plastic Products	142	10864	180284	39984	27389
26	Mfr. of Other Non-Metallic Mineral Products	244	13622	468967	115692	87145
27	Mfr. of Basic Metals	122	6279	158165	23309	16981
28	Mfr. of Fabricated Metal Products	162	6793	35168	16785	15260
29	Mfr. of Machinery And Equipment N.E.C.	133	4776	69130	26581	22139
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	141	13540	141643	94548	86093
32	Mfr. of Radio, Television And Communication Equip.	9	2503	49280	3732	562
33	Mfr. of Medical, Precision And Optical Instruments	16	603	4721	2774	2503
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	96	8160	104104	29541	24032
35	Mfr. of Other Transport Equipments	22	1711	13157	3391	2494
36	Mfr. of Furniture & Other Manufacturing N.E.C.	25	1293	1626	1745	1667
	Other Industries	154	3163	444221	106363	93926

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.16 MAHARASHTRA

1	**a) Geographical area (Sq. Km.)**	307713
	b Percentage Share	9.36
2	**a) Population – 2001 Census ('000 No.)**	96879
	b Percentage Share	9.42
	c Density of Population per Sq. Km.	315
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	7925

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	13970	18.07	499554	10.11	2576074	15.55
b) LOIs+DILs						
Aug. 1991-March 2009	599	13.51	18782	14.43	139590	14.69

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	1386	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	5502	65442.59

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	1.80

TABLE 14.16 (CONTD.) MAHARASHTRA

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	2166	111617	1909126	460897	385576
16	Mfr. of Tobacco Products	109	46334	48073	30140	28015
17	Mfr. of Textiles	1370	110851	982892	246525	175351
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	550	16452	83979	41334	36719
19	Mfr. of Leather & Related Products	102	2604	7430	6788	6429
20	Mfr. of Wood And Wood Products	195	2580	18254	5253	4186
21	Mfr. of Paper And Paper Products	672	16197	297967	76343	57528
22	Publishing, Printing And Related Activities	721	14931	247105	166963	149424
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	151	8691	1046800	2073447	2030364
24	Mfr. of Chemicals And Chemical Products	1936	87890	2771090	1236422	1040925
25	Mfr. of Rubber And Plastic Products	1207	38619	534384	185929	146276
26	Mfr. of Other Non-Metallic Mineral Products	724	22614	499027	141797	113343
27	Mfr. of Basic Metals	944	59348	2708246	460702	304028
28	Mfr. of Fabricated Metal Products	1744	50796	511379	313803	284082
29	Mfr. of Machinery And Equipment N.E.C.	1813	63213	1003990	573207	509710
30	Mfr. of Office, Accounting And Computing Machinery	42	3120	22277	7702	5679
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	823	35044	387114	269632	242217
32	Mfr. of Radio, Television And Communication Equip.	181	12956	334418	138143	115545
33	Mfr. of Medical, Precision And Optical Instruments	197	5665	48949	63489	58945
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	815	70920	1011422	1299609	1194167
35	Mfr. of Other Transport Equipments	238	26556	346041	326424	293316
36	Mfr. of Furniture & Other Manufacturing N.E.C.	845	41582	731525	206870	189317
	Other Industries	573	13128	174775	54344	45768

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.17 MANIPUR

1	**a) Geographical area (Sq. Km.)**	22327
	b Percentage Share	0.68
2	**a) Population – 2001 Census ('000 No.)**	2294
	b Percentage Share	0.22
	c Density of Population per Sq. Km.	103
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	16508
	b) At Current Prices	21062
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	81

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	4	0.01	20	0.00	937	0.01
b) LOIs+DILs						
Aug. 1991-March 2009	0	0.00	0	0.00	0	0.00

	No.	Investment (Rs. Cr.)
ii) Foreign Collaboration Approvals		
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	0	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	2	3.19

6 Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.) 0.01

TABLE 14.17 (CONTD.) MANIPUR

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	11	134	720	576	543
20	Mfr. of Wood And Wood Products	13	71	83	19	17
26	Mfr. of Other Non-Metallic Mineral Products	27	1448	491	417	369
	Other Industries	8	81	70	68	63

Note : not elsewhere classified

Source: *1. Census of India 2. C.S.O. 3. RBI*
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.18 MEGHALAYA

1	**a) Geographical area (Sq. Km.)**	22429
	b Percentage Share	0.68
2	**a) Population – 2001 Census ('000 No.)**	2319
	b Percentage Share	0.23
	c Density of Population per Sq. Km.	103
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	23069
	b) At Current Prices	33674
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	206

5 Investment Climate

i) Industrial Investment Proposals

	Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a)	IEMs						
	Aug. 1991-March 2009	266	0.34	9381	0.19	34278	0.21
b)	LOIs+DILs						
	Aug. 1991-March 2009	3	0.07	7	0.01	207	0.02

ii)	Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a)	Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	0	-
b)	Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	5	52.96

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.01

TABLE 14.18 (CONTD.) MEGHALAYA

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	14	326	4152	526	207
22	Publishing, Printing And Related Activities	3	33	78	126	115
24	Mfr. of Chemicals And Chemical Products	4	129	917	1150	1120
26	Mfr. of Other Non-Metallic Mineral Products	11	1458	19048	15953	14403
27	Mfr. of Basic Metals	20	1369	16017	7449	6329
29	Mfr. of Machinery And Equipment N.E.C.	3	85	1002	573	546
	Other Industries	11	202	1232	455	412

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.19 MIZORAM

1	**a) Geographical area (Sq. Km.)**	21081
	b Percentage Share	0.64
2	**a) Population – 2001 Census ('000 No.)**	889
	b Percentage Share	0.09
	c Density of Population per Sq. Km.	42
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	20483
	b) At Current Prices	29576
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	95

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	0	0.00	0	0.00	0	0.00
b) LOIs+DILs						
Aug. 1991-March 2009	0	0.00	0	0.00	0	0.00

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	0	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	1	1.52

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.00

NB: NA - data not available

TABLE 14.20 NAGALAND

1	**a) Geographical area (Sq. Km.)**	16579
	b Percentage Share	0.50
2	**a) Population – 2001 Census ('000 No.)**	1990
	b Percentage Share	0.19
	c Density of Population per Sq. Km.	120
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	87

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	15	0.02	16325	0.33	302337	1.82
b) LOIs+DILs						
Aug. 1991-March 2009	1	0.02	0	0.00	0	0.00

	No.	Investment (Rs. Cr.)
ii) Foreign Collaboration Approvals		
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	1	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	2	3.68

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.00

TABLE 14.20 (CONTD.) NAGALAND

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	16	207	791	138	104
20	Mfr. of Wood And Wood Products	33	1332	4955	2518	2426
22	Publishing, Printing And Related Activities	11	40	6	24	24
26	Mfr. of Other Non-Metallic Mineral Products	36	739	218	244	237
	Other Industries	13	137	1344	761	707

Note : not elsewhere classified

Source: *1. Census of India 2. C.S.O. 3. RBI*
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.21 ORISSA

1	**a) Geographical area (Sq. Km.)**	155707
	b Percentage Share	4.74
2	**a) Population – 2001 Census ('000 No.)**	36805
	b Percentage Share	3.58
	c Density of Population per Sq. Km.	236
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	16945
	b) At Current Prices	26507
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	2756

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	1355	1.75	574664	11.63	574712	3.47
b) LOIs+DILs						
Aug. 1991-March 2009	37	0.83	5444	4.18	11882	1.25

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	71	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	169	8428.30

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.07

TABLE 14.21 (CONTD.) ORISSA

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	595	18496	107793	23921	17305
16	Mfr. of Tobacco Products	65	8188	1170	1902	1877
17	Mfr. of Textiles	35	2694	10543	2236	1777
20	Mfr. of Wood And Wood Products	116	818	3768	1555	1292
21	Mfr. of Paper And Paper Products	34	5356	103507	23144	17412
22	Publishing, Printing And Related Activities	13	238	2687	1175	1015
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	26	936	33870	8235	5871
24	Mfr. of Chemicals And Chemical Products	97	5501	355371	8305	-1627
25	Mfr. of Rubber And Plastic Products	41	2753	50980	13179	10902
26	Mfr. of Other Non-Metallic Mineral Products	354	13723	125818	45611	37912
27	Mfr. of Basic Metals	208	45124	2017421	624359	516944
28	Mfr. of Fabricated Metal Products	88	2254	9880	2586	2253
29	Mfr. of Machinery And Equipment N.E.C.	42	1565	17996	6810	5752
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	42	596	11129	4108	3707
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	5	66	469	51	-6
36	Mfr. of Furniture & Other Manufacturing N.E.C.	19	391	1418	3638	3560
	Other Industries	74	1320	12541	3625	2728

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.22 PUNJAB

1	**a) Geographical area (Sq. Km.)**	50362
	b Percentage Share	1.53
2	**a) Population – 2001 Census ('000 No.)**	24359
	b Percentage Share	2.37
	c Density of Population per Sq. Km.	484
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	33153
	b) At Current Prices	50558
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	3359

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	2926	3.78	83581	1.69	660098	3.98
b) LOIs+DILs						
Aug. 1991-March 2009	266	6.00	8353	6.42	86078	9.06

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	75	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	228	27320.12

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.20

TABLE 14.22 (CONTD.) PUNJAB

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	1704	69711	451581	153550	132655
17	Mfr. of Textiles	1043	71200	669568	171229	127828
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	41	2962	8618	3904	3432
19	Mfr. of Leather & Related Products	144	3196	29349	5145	4111
20	Mfr. of Wood And Wood Products	113	1314	5124	1332	1066
21	Mfr. of Paper And Paper Products	201	7627	112019	30633	25013
22	Publishing, Printing And Related Activities	56	1135	6242	2781	2105
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	14	165	734	203	173
24	Mfr. of Chemicals And Chemical Products	207	9536	193920	62658	51448
25	Mfr. of Rubber And Plastic Products	230	15331	51195	21234	17503
26	Mfr. of Other Non-Metallic Mineral Products	1056	41643	48746	50107	47706
27	Mfr. of Basic Metals	495	19871	191785	53746	46045
28	Mfr. of Fabricated Metal Products	839	21947	92109	40143	35831
29	Mfr. of Machinery And Equipment N.E.C.	842	21090	117301	57100	51559
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	97	4982	23559	11827	9956
32	Mfr. of Radio, Television And Communication Equip.	26	1956	18350	5627	2789
33	Mfr. of Medical, Precision And Optical Instruments	19	749	4093	943	756
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	146	10441	72159	30150	26049
35	Mfr. of Other Transport Equipments	702	33740	193829	63175	50135
36	Mfr. of Furniture & Other Manufacturing N.E.C.	78	3586	18646	6436	4862
	Other Industries	164	3875	52081	13494	11890

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.23 RAJASTHAN

1	**a) Geographical area (Sq. Km.)**	342239
	b Percentage Share	10.41
2	**a) Population – 2001 Census ('000 No.)**	56507
	b Percentage Share	5.49
	c Density of Population per Sq. Km.	165
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	19079
	b) At Current Prices	27257
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	4044

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	3224	4.17	92067	1.86	604857	3.65
b) LOIs+DILs						
Aug. 1991-March 2009	101	2.28	1655	1.27	15680	1.65

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	109	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	361	3185.78

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.30

TABLE 14.23 (CONTD.) RAJASTHAN

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	545	16639	170732	87681	79964
16	Mfr. of Tobacco Products	125	7147	6116	5590	5296
17	Mfr. of Textiles	1206	64556	433317	140363	111778
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	100	9020	33548	16113	14492
19	Mfr. of Leather & Related Products	53	3028	9375	4785	4318
20	Mfr. of Wood And Wood Products	73	1349	10034	4291	3722
21	Mfr. of Paper And Paper Products	95	2199	16140	3660	2879
22	Publishing, Printing And Related Activities	44	1140	13358	11930	11127
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	20	790	41882	11792	7460
24	Mfr. of Chemicals And Chemical Products	316	13797	393722	96633	65982
25	Mfr. of Rubber And Plastic Products	232	6653	111236	46363	42228
26	Mfr. of Other Non-Metallic Mineral Products	1726	45680	567594	239355	192217
27	Mfr. of Basic Metals	374	12964	186660	111214	101582
28	Mfr. of Fabricated Metal Products	149	3696	40736	11720	9526
29	Mfr. of Machinery And Equipment N.E.C.	230	7358	83405	32983	28624
30	Mfr. of Office, Accounting And Computing Machinery	3	122	1371	644	576
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	138	4821	66242	29159	27095
32	Mfr. of Radio, Television And Communication Equip.	17	1581	38872	18839	16729
33	Mfr. of Medical, Precision And Optical Instruments	31	2407	22376	10761	9360
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	51	5498	48161	38870	34212
35	Mfr. of Other Transport Equipments	20	1106	17542	5436	4305
36	Mfr. of Furniture & Other Manufacturing N.E.C.	220	11553	45485	25675	23820
	Other Industries	123	2323	29278	5612	4723

Note : not elsewhere classified

Source: *1. Census of India 2. C.S.O. 3. RBI*
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.24 SIKKIM

1	**a) Geographical area (Sq. Km.)**	7096
	b Percentage Share	0.22
2	**a) Population – 2001 Census ('000 No.)**	541
	b Percentage Share	0.05
	c Density of Population per Sq. Km.	76
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	25257
	b) At Current Prices	37553
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	71

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	71	0.09	3107	0.06	15277	0.09
b) LOIs+DILs						
Aug. 1991-March 2009	1	0.02	5	0.00	204	0.02

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	-	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	-	-

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.00

TABLE 14.25 TAMILNADU

1	**a) Geographical area (Sq. Km.)**	130058
	b Percentage Share	3.96
2	**a) Population – 2001 Census ('000 No.)**	62406
	b Percentage Share	6.07
	c Density of Population per Sq. Km.	480
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	30652
	b) At Current Prices	45058
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	6154

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	6628	8.57	195610	3.96	2025044	12.22
b) LOIs+DILs						
Aug. 1991-March 2009	865	19.51	13910	10.68	151111	15.91

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	674	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	2868	26272.49

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.90

TABLE 14.25 (CONTD.) TAMIL NADU

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	3768	120309	639957	263896	221267
16	Mfr. of Tobacco Products	117	2832	7272	3900	3725
17	Mfr. of Textiles	5131	333526	2138258	603827	457128
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	884	115248	224319	118182	105341
19	Mfr. of Leather & Related Products	953	60572	181051	62457	54632
20	Mfr. of Wood And Wood Products	251	4615	25116	11007	9763
21	Mfr. of Paper And Paper Products	477	17786	177839	68339	55513
22	Publishing, Printing And Related Activities	679	18516	89825	62736	53868
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	47	1999	635566	82689	58029
24	Mfr. of Chemicals And Chemical Products	1984	107781	1000574	281225	220499
25	Mfr. of Rubber And Plastic Products	789	29923	195650	77461	64024
26	Mfr. of Other Non-Metallic Mineral Products	950	35286	630165	149363	124445
27	Mfr. of Basic Metals	566	36818	727962	185883	143822
28	Mfr. of Fabricated Metal Products	958	43028	286234	149794	137645
29	Mfr. of Machinery And Equipment N.E.C.	1056	42919	677046	365100	330882
30	Mfr. of Office, Accounting And Computing Machinery	24	1444	8709	5406	4632
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	287	14258	120087	73986	63543
32	Mfr. of Radio, Television And Communication Equip.	86	4605	39728	17420	15478
33	Mfr. of Medical, Precision And Optical Instruments	84	4642	45184	22944	20080
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	596	68233	978817	520052	434750
35	Mfr. of Other Transport Equipments	144	15253	135784	118182	107437
36	Mfr. of Furniture & Other Manufacturing N.E.C.	220	14772	67075	39719	37382
	Other Industries	872	15282	331366	92249	72024

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.26 TRIPURA

1	**a) Geographical area (Sq. Km.)**	10486
	b Percentage Share	0.32
2	**a) Population – 2001 Census ('000 No.)**	3199
	b Percentage Share	0.31
	c Density of Population per Sq. Km.	305
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	220

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	37	0.05	2353	0.05	4172	0.03
b) LOIs+DILs						
Aug. 1991-March 2009	0	0.00	0.00	0.00	0	0.00

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	1	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	4	3.09

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.01

NB: NA - data not available

TABLE 14.26 (CONTD.) TRIPURA

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	51	1031	4551	2286	2030
16	Mfr. of Tobacco Products	12	525	2706	3250	3178
22	Publishing, Printing And Related Activities	8	114	136	137	121
24	Mfr. of Chemicals And Chemical Products	6	157	8794	1058	955
25	Mfr. of Rubber And Plastic Products	8	105	563	226	215
26	Mfr. of Other Non-Metallic Mineral Products	177	13734	3094	4020	3811
27	Mfr. of Basic Metals	5	65	5637	302	192
28	Mfr. of Fabricated Metal Products	9	138	297	274	269
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	6	37	99	102	96
36	Mfr. of Furniture & Other Manufacturing N.E.C.	5	47	66	27	23
	Other Industries	20	1416	1850	49	-11

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.27 UTTAR PRADESH

1	**a) Geographical area (Sq. Km.)**	240928
	b Percentage Share	7.33
2	**a) Population – 2001 Census ('000 No.)**	166198
	b Percentage Share	16.16
	c Density of Population per Sq. Km.	690
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	12481
	b) At Current Prices	18214
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	9900

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	6525	8.44	183476	3.71	1745642	10.53
b) LOIs+DILs						
Aug. 1991-March 2009	372	8.39	9918	7.62	102114	10.75

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	292	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	854	5230.13

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.80

TABLE 14.27 (CONTD.) UTTAR PRADESH

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	1762	122774	1607964	380083	321186
16	Mfr. of Tobacco Products	390	10089	55521	128949	126841
17	Mfr. of Textiles	722	33325	304311	55484	36810
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	395	32913	105035	52429	47082
19	Mfr. of Leather & Related Products	388	45003	179417	59257	50198
20	Mfr. of Wood And Wood Products	204	3454	18846	5599	4558
21	Mfr. of Paper And Paper Products	348	9281	152055	32396	24884
22	Publishing, Printing And Related Activities	232	8671	94048	31134	20828
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	98	1298	28881	7449	5829
24	Mfr. of Chemicals And Chemical Products	740	30596	926508	280612	234435
25	Mfr. of Rubber And Plastic Products	521	13008	212740	57090	39716
26	Mfr. of Other Non-Metallic Mineral Products	730	26730	141973	44074	35940
27	Mfr. of Basic Metals	470	20403	502069	217330	186314
28	Mfr. of Fabricated Metal Products	806	42796	156945	61278	54576
29	Mfr. of Machinery And Equipment N.E.C.	648	16599	149064	68246	58318
30	Mfr. of Office, Accounting And Computing Machinery	15	4542	283911	46994	14397
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	350	15563	126092	69753	62158
32	Mfr. of Radio, Television And Communication Equip.	128	15790	423934	141657	110686
33	Mfr. of Medical, Precision And Optical Instruments	76	4098	25496	16924	15187
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	171	14880	220215	111875	94015
35	Mfr. of Other Transport Equipments	147	8338	81212	29216	24485
36	Mfr. of Furniture & Other Manufacturing N.E.C.	211	6754	40164	15192	13406
	Other Industries	942	13587	104078	68513	60988

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.28 UTTARAKHAND

1	**a) Geographical area (Sq. Km.)**	53483
	b Percentage Share	1.63
2	**a) Population – 2001 Census ('000 No.)**	8489
	b Percentage Share	0.83
	c Density of Population per Sq. Km.	159
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	25114
	b) At Current Prices	36520
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	1108

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	1685	2.18	45544	0.92	289636	1.75
b) LOIs+DILs						
Aug. 1991-March 2009	33	0.74	538	0.41	8547	0.90

	No.	Investment (Rs. Cr.)
ii) Foreign Collaboration Approvals		
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	27	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	58	154.28

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.20

TABLE 14.28 (CONTD.) UTTARAKHAND

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	266	10208	140935	30369	26067
17	Mfr. of Textiles	18	875	21899	6639	6090
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	5	285	1446	950	855
19	Mfr. of Leather & Related Products	4	397	2196	2614	2568
20	Mfr. of Wood And Wood Products	29	707	3794	1315	1095
21	Mfr. of Paper And Paper Products	45	5050	122997	32851	25364
22	Publishing, Printing And Related Activities	9	475	4001	1851	1663
24	Mfr. of Chemicals And Chemical Products	110	8689	142040	94438	87688
25	Mfr. of Rubber And Plastic Products	52	2736	44937	10942	6487
26	Mfr. of Other Non-Metallic Mineral Products	61	4777	19776	6675	5800
27	Mfr. of Basic Metals	53	1551	36878	13318	11271
28	Mfr. of Fabricated Metal Products	44	3851	11043	8983	8519
29	Mfr. of Machinery And Equipment N.E.C.	31	4949	109098	82759	78277
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	66	5557	38124	35343	33523
32	Mfr. of Radio, Television And Communication Equip.	23	1074	8367	10391	9960
33	Mfr. of Medical, Precision And Optical Instruments	17	982	5502	37606	37380
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	3	125	701	724	700
35	Mfr. of Other Transport Equipments	3	82	3815	-19	-56
36	Mfr. of Furniture & Other Manufacturing N.E.C.	10	339	1223	884	819
	Other Industries	52	890	9931	2124	1600

Note : not elsewhere classified

Source: *1. Census of India 2. C.S.O. 3. RBI*
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.29 WEST BENGAL

1	**a) Geographical area (Sq. Km.)**	88752
	b Percentage Share	2.70
2	**a) Population – 2001 Census ('000 No.)**	80176
	b Percentage Share	7.79
	c Density of Population per Sq. Km.	903
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	5194

5 Investment Climate

i) Industrial Investment Proposals

	Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a)	IEMs						
	Aug. 1991-March 2009	4392	5.68	265463	5.37	870496	5.25
b)	LOIs+DILs						
	Aug. 1991-March 2009	101	2.28	4155	3.19	20706	2.18

ii)	Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a)	Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	211	-
b)	Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	730	11825.38

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	1.80

TABLE 14.29 (CONTD.) WEST BENGAL

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	1169	53179	296525	71979	53308
16	Mfr. of Tobacco Products	541	19213	30857	55339	53253
17	Mfr. of Textiles	292	166007	265324	151132	138733
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	48	1492	12039	4677	4354
19	Mfr. of Leather & Related Products	209	8984	85209	32762	28336
20	Mfr. of Wood And Wood Products	175	3039	31500	6639	5807
21	Mfr. of Paper And Paper Products	137	4724	29966	9972	7695
22	Publishing, Printing And Related Activities	169	4169	50301	29198	25995
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	80	5508	519424	79124	55726
24	Mfr. of Chemicals And Chemical Products	366	14467	862807	192930	144778
25	Mfr. of Rubber And Plastic Products	306	7538	58857	22815	19136
26	Mfr. of Other Non-Metallic Mineral Products	217	11519	114139	46847	40066
27	Mfr. of Basic Metals	547	58330	1050043	236089	174706
28	Mfr. of Fabricated Metal Products	362	10691	79811	31809	29534
29	Mfr. of Machinery And Equipment N.E.C.	448	10693	70319	31330	28537
30	Mfr. of Office, Accounting And Computing Machinery	6	99	2046	898	864
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	257	8741	81351	46332	41813
32	Mfr. of Radio, Television And Communication Equip.	39	2356	24769	6370	4896
33	Mfr. of Medical, Precision And Optical Instruments	44	1727	20965	14149	12843
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	42	1033	3894	1653	1435
35	Mfr. of Other Transport Equipments	117	11219	79770	33356	30708
36	Mfr. of Furniture & Other Manufacturing N.E.C.	89	2714	33667	7267	4353
	Other Industries	418	13218	198855	59632	40179

Note : not elsewhere classified

Source: *1. Census of India 2. C.S.O. 3. RBI*
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.30 ANDAMAN & NICOBAR ISLAND

1	**a) Geographical area (Sq. Km.)**	8249
	b Percentage Share	0.25
2	**a) Population – 2001 Census ('000 No.)**	356
	b Percentage Share	0.03
	c Density of Population per Sq. Km.	43
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	37

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	11	0.01	485	0.01	2916	0.02
b) LOIs+DILs						
Aug. 1991-March 2009	0	0.00	0	0.00	0	0.00

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	0	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	8	13.79

6 Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.) 0.02

TABLE 14.30 (CONTD.) ANDAMAN & NICOBAR ISLAND

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	5	91	907	-125	-206
20	Mfr. of Wood And Wood Products	3	1	42	12	10
	Other Industries	4	190	6971	1481	829

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.31 CHANDIGARH

1	**a) Geographical area (Sq. Km.)**	114
	b Percentage Share	0.00
2	**a) Population – 2001 Census ('000 No.)**	901
	b Percentage Share	0.09
	c Density of Population per Sq. Km.	7900
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	77801
	b) At Current Prices	119240
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	312

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	46	0.06	733	0.01	8599	0.05
b) LOIs+DILs						
Aug. 1991-March 2009	2	0.05	9	0.01	284	0.03

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	12	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	88	324.17

6 Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.) 0.01

TABLE 14.31 (CONTD.) CHANDIGARH

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	29	650	6787	923	516
20	Mfr. of Wood And Wood Products	6	29	60	45	43
21	Mfr. of Paper And Paper Products	11	164	281	269	242
22	Publishing, Printing And Related Activities	13	550	7956	5163	4323
24	Mfr. of Chemicals And Chemical Products	8	63	449	244	218
25	Mfr. of Rubber And Plastic Products	6	57	515	209	154
26	Mfr. of Other Non-Metallic Mineral Products	7	145	1745	303	248
27	Mfr. of Basic Metals	39	556	10046	3791	3351
28	Mfr. of Fabricated Metal Products	49	527	1776	1012	933
29	Mfr. of Machinery And Equipment N.E.C.	50	1538	21957	7115	5151
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	11	110	568	263	223
32	Mfr. of Radio, Television And Communication Equip.	4	620	1720	800	740
33	Mfr. of Medical, Precision And Optical Instruments	5	180	418	360	306
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	8	81	724	123	88
35	Mfr. of Other Transport Equipments	10	547	1540	616	576
36	Mfr. of Furniture & Other Manufacturing N.E.C.	6	57	194	78	72
	Other Industries	35	940	9930	5907	5551

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.32 DADRA & NAGAR HAVELI

1	a) **Geographical area (Sq. Km.)**	491
	b Percentage Share	0.01
2	a) **Population – 2001 Census ('000 No.)**	220
	b Percentage Share	0.02
	c Density of Population per Sq. Km.	449
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	24

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	2110	2.73	36454	0.74	239989	1.45
b) LOIs+DILs						
Aug. 1991-March 2009	37	0.83	318	0.24	3994	0.42

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	48	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	72	123.98

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.00

NB: NA - data not available

TABLE 14.32 (CONTD.) DADRA & NAGAR HAVELI

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	24	424	5691	12499	12040
16	Mfr. of Tobacco Products	3	50	668	403	362
17	Mfr. of Textiles	233	17295	452990	115931	85468
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	3	95	473	378	337
20	Mfr. of Wood And Wood Products	8	141	291	203	187
21	Mfr. of Paper And Paper Products	69	1549	17795	5894	4923
22	Publishing, Printing And Related Activities	18	586	5313	3328	2995
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	15	522	35346	27126	25918
24	Mfr. of Chemicals And Chemical Products	186	6565	99880	106954	102490
25	Mfr. of Rubber And Plastic Products	218	8905	86254	35138	28154
26	Mfr. of Other Non-Metallic Mineral Products	27	809	10275	3353	3021
27	Mfr. of Basic Metals	100	4461	107206	245	-4825
28	Mfr. of Fabricated Metal Products	41	1055	8701	5921	5487
29	Mfr. of Machinery And Equipment N.E.C.	58	2198	37933	21019	19339
30	Mfr. of Office, Accounting And Computing Machinery	5	392	8254	2626	1565
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	63	2883	65980	32617	30277
32	Mfr. of Radio, Television And Communication Equip.	6	96	805	330	304
33	Mfr. of Medical, Precision And Optical Instruments	11	413	5347	2413	2267
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	5	0	8	-9	-10
36	Mfr. of Furniture & Other Manufacturing N.E.C.	29	839	35987	5881	4296
	Other Industries	1	39	24	42	40

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.33 DAMAN & DIU

1	**a) Geographical area (Sq. Km.)**	112
	b Percentage Share	0.00
2	**a) Population – 2001 Census ('000 No.)**	158
	b Percentage Share	0.02
	c Density of Population per Sq. Km.	1413
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	18

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	1046	1.35	9874	0.20	118345	0.71
b) LOIs+DILs						
Aug. 1991-March 2009	25	0.56	100	0.08	3605	0.38

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	15	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	45	60.89

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.00

NB: NA - data not available

TABLE 14.33 (CONTD.) DAMAN & DIU

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	30	849	9600	3950	3282
16	Mfr. of Tobacco Products	5	50	221	50	36
17	Mfr. of Textiles	89	2889	38920	10593	7659
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	32	3749	47819	18707	17116
20	Mfr. of Wood And Wood Products	3	53	329	119	102
21	Mfr. of Paper And Paper Products	96	2295	43597	14800	11857
22	Publishing, Printing And Related Activities	14	169	322	1960	1943
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	15	222	3110	3228	3162
24	Mfr. of Chemicals And Chemical Products	141	6124	120742	112212	106350
25	Mfr. of Rubber And Plastic Products	702	18160	145023	73534	61132
26	Mfr. of Other Non-Metallic Mineral Products	8	269	655	552	505
27	Mfr. of Basic Metals	66	1560	30026	15087	14263
28	Mfr. of Fabricated Metal Products	42	1215	24370	6556	5283
29	Mfr. of Machinery And Equipment N.E.C.	53	2311	13569	9685	8945
30	Mfr. of Office, Accounting And Computing Machinery	8	73	481	470	455
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	131	10479	279812	175005	166644
32	Mfr. of Radio, Television And Communication Equip.	14	444	1714	1375	1274
33	Mfr. of Medical, Precision And Optical Instruments	20	782	21092	20838	20113
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	7	316	1242	410	300
36	Mfr. of Furniture & Other Manufacturing N.E.C.	45	5834	19619	18981	16655
	Other Industries	7	95	286	264	241

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.34 DELHI

1	**a) Geographical area (Sq. Km.)**						1483
	b Percentage Share						0.05
2	**a) Population – 2001 Census ('000 No.)**						13851
	b Percentage Share						1.35
	c Density of Population per Sq. Km.						9340
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**						
	a) At Constant (1999-2000) Prices						NA
	b) At Current Prices						NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)						2317
5	**Investment Climate**						
	i) Industrial Investment Proposals						
	Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
	a) IEMs						
	Aug. 1991-March 2009	528	0.68	6930	0.14	52551	0.32
	b) LOIs+DILs						
	Aug. 1991-March 2009	21	0.47	30	0.02	1652	0.17
	ii) Foreign Collaboration Approvals				No.	Investment (Rs. Cr.)	
	a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008				325	-	
	b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008				3073	38617.70	
6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**						0.60

TABLE 14.34 (CONTD.) DELHI

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	103	4833	54633	34020	30090
16	Mfr. of Tobacco Products	18	693	4450	2546	2377
17	Mfr. of Textiles	174	4790	25747	13333	11104
18	Mfr. of Wearing Apparel, Dressing & Dyeing Of Fur	516	29669	144360	77136	70863
19	Mfr. of Leather & Related Products	173	4448	25347	10062	7952
20	Mfr. of Wood And Wood Products	4	35	144	106	97
21	Mfr. of Paper And Paper Products	50	645	8077	3766	3481
22	Publishing, Printing And Related Activities	275	6428	58142	36157	31495
23	Mfr. of Coke, Petroleum Products And Nuclear Fuel	4	47	174	141	135
24	Mfr. of Chemicals And Chemical Products	141	2927	61798	34421	32088
25	Mfr. of Rubber And Plastic Products	190	2553	17589	6722	5485
26	Mfr. of Other Non-Metallic Mineral Products	25	378	1862	476	414
27	Mfr. of Basic Metals	221	1891	12043	4131	3741
28	Mfr. of Fabricated Metal Products	275	5572	32315	13873	12599
29	Mfr. of Machinery And Equipment N.E.C.	284	4007	24556	9941	8775
30	Mfr. of Office, Accounting And Computing Machinery	4	83	1232	372	274
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	196	4273	28128	9496	8296
32	Mfr. of Radio, Television And Communication Equip.	93	1979	11491	4255	3199
33	Mfr. of Medical, Precision And Optical Instruments	43	968	8882	9009	8540
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	185	3740	18654	8444	6989
35	Mfr. of Other Transport Equipments	70	1776	23231	6223	5835
36	Mfr. of Furniture & Other Manufacturing N.E.C.	73	2196	9553	5918	5354
	Other Industries	191	3908	24493	15708	14571

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

TABLE 14.35 LAKSHADWEEP

1	**a) Geographical area (Sq. Km.)**	32
	b Percentage Share	0.00
2	**a) Population – 2001 Census ('000 No.)**	61
	b Percentage Share	0.01
	c Density of Population per Sq. Km.	1895
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	NA
	b) At Current Prices	NA
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	11

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	1	0.00	4	0.00	278	0.00
b) LOIs+DILs						
Aug. 1991-March 2009	0	0.00	0	0.00	0	0.00

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	0	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	1	0.5

6 Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.) 0.00

NB: NA - data not available

TABLE 14.36 PONDICHERRY

1	**a) Geographical area (Sq. Km.)**	479
	b Percentage Share	0.01
2	**a) Population – 2001 Census ('000 No.)**	974
	b Percentage Share	0.09
	c Density of Population per Sq. Km.	2034
3	**Per Capita Net State Domestic Product – 2008-09 (In Rs.)**	
	a) At Constant (1999-2000) Prices	58755
	b) At Current Prices	84625
4	**No. of Offices of Commercial Banks** as on March 31, 2009 (including RRBs)	129

5 Investment Climate

i) Industrial Investment Proposals

Period	No. Filed/ Issued	% age	Proposed Investment (Rs. Cr.)	% age	Proposed Employment (Nos.)	% age
a) IEMs						
Aug. 1991-March 2009	723	0.94	10196	0.21	80876	0.49
b) LOIs+DILs						
Aug. 1991-March 2009	19	0.43	1304	1.00	2894	0.30

ii) Foreign Collaboration Approvals	No.	Investment (Rs. Cr.)
a) Total No. of Foreign Technical Collaboration Cases Approved by all Sections Aug. 1991-Dec. 2008	43	-
b) Total Cases of Foreign Direct Investment Cases Approved by all Sections Aug. 1991-Dec. 2008	134	1291.20

6	**Employment in Central Public Sector Units as on 31st March, 2008 (Lakh Nos.)**	0.02

TABLE 14.36 (CONTD.) PONDICHERRY

Profile of the Manufacturing Sector- 2005-06

Industry Code	Industry Description	Number of Factories (Nos.)	Number of Workers (Nos.)	Invested Capital (Rs. Lakh)	Gross Value Added (Rs. Lakh)	Net Value Added (Rs. Lakh)
15	Mfr. of Food Products And Beverages	57	2350	23169	30382	28281
17	Mfr. of Textiles	27	5829	33230	5993	5049
19	Mfr. of Leather & Related Products	30	2034	3464	2732	2517
20	Mfr. of Wood And Wood Products	7	53	857	122	94
21	Mfr. of Paper And Paper Products	47	1525	16850	5438	4730
22	Publishing, Printing And Related Activities	13	389	908	648	537
24	Mfr. of Chemicals And Chemical Products	137	6458	75066	50300	45661
25	Mfr. of Rubber And Plastic Products	73	2136	30790	7500	4290
26	Mfr. of Other Non-Metallic Mineral Products	22	2864	68478	14838	10611
27	Mfr. of Basic Metals	44	1771	26253	4224	3443
28	Mfr. of Fabricated Metal Products	43	1399	17771	10585	9808
29	Mfr. of Machinery And Equipment N.E.C.	14	1043	10634	1571	603
30	Mfr. of Office, Accounting And Computing Machinery	12	496	33414	155659	155033
31	Mfr. of Electrical Machinery And Apparatus, N.E.C	29	1313	14138	14010	13418
32	Mfr. of Radio, Television And Communication Equip.	11	577	5473	4153	3841
33	Mfr. of Medical, Precision And Optical Instruments	19	829	3575	4138	3885
34	Mfr. of Motor Vehicles, Trailers And Semi-Trailers	4	450	3271	4326	3992
35	Mfr. of Other Transport Equipments	14	869	11264	7698	6720
36	Mfr. of Furniture & Other Manufacturing N.E.C.	22	631	10822	2555	1509
	Other Industries	14	537	2903	1025	934

Note : not elsewhere classified

Source: 1. Census of India 2. C.S.O. 3. RBI
4. Deptt. of Industrial Policy and Promotion
5. Deptt. of Public Enterprises

CHAPTER - XV

TIME SERIES TABLES

TABLE 15.1 CALENDER YEAR AND FINANCIAL YEAR AVERAGES FOR INDEX NUMBERS OF WHOLESALE PRICES IN INDIA -ALL COMMODITIES

	Calender Year Average Index Base year						Finacial Year Average Index Base year				
Year	1952-53	19961-62	1970-71	1981-82	1993-94	Year	1952-53	1961-62	1970-71	1981-82	1993-94
1	2	3	4	5	6	7	8	9	10	11	12
1947	78.2	62.5	34.5	12.3	5.0	1947-48	81.1	64.8	35.8	12.7	5.1
1948	96.4	77.0	42.5	15.1	6.1	1948-49	98.9	79.0	43.6	15.5	6.3
1949	100.1	80.0	44.2	15.7	6.3	1949-50	101.3	81.0	44.7	15.9	6.4
1950	105.3	84.2	46.5	16.5	6.7	1950-51	107.7	86.1	47.5	16.9	6.8
1951	115.4	92.2	50.9	18.1	7.3	1951-52	114.3	91.4	50.5	18.0	7.3
1952	100.6	80.4	44.4	15.8	6.4	1952-53	100.0	79.9	44.1	15.7	6.3
1953	105.7	84.5	46.7	16.6	6.7	1953-54	104.6	83.6	46.2	16.4	6.6
1954	99.6	79.6	44.0	15.6	6.3	1554-55	97.6	77.9	43.0	15.3	6.2
1955	91.5	73.1	40.4	14.4	5.8	1955-56	92.5	73.9	40.8	14.5	5.9
1956	102.7	82.1	45.3	16.1	6.5	1956-57	105.3	84.2	46.5	16.5	6.7
1957	108.6	86.9	48.0	17.1	6.9	1957-58	108.4	86.7	47.9	17.0	6.9
1958	111.0	88.7	49.0	17.4	7.0	1958-59	112.9	90.2	49.8	17.7	7.1
1959	115.5	92.3	51.0	18.1	7.3	1959-60	117.1	93.6	51.7	18.4	7.4
1960	122.9	98.2	54.2	19.3	7.8	1960-61	124.9	99.8	55.1	19.6	7.9
1961	125.8	100.6	55.5	19.7	7.9	1961-62	125.1	100.0	55.2	19.6	7.9
1962	127.2	104.1	57.5	20.4	8.2	1962-63	127.9	103.8	57.3	20.4	8.2
1963	132.5	107.9	59.6	21.2	8.6	1963-64	135.3	110.2	60.9	21.6	8.7
1964	148.3	119.1	65.8	23.4	9.4	1964-65	152.7	122.3	67.5	24.0	9.7
1965	161.3	128.9	71.2	25.3	10.2	1965-66	165.0	131.6	72.7	25.8	10.4
1966	183.2	144.3	97.7	28.3	11.4	1966-67	191.3	149.9	82.8	29.4	11.9
1967	211.6	166.0	91.7	32.6	13.2	1967-68	212.4	167.3	92.4	32.8	13.2
1968	209.5	165.3	91.3	32.5	13.1	1968-69	210.2	165.4	91.3	32.5	13.1

TABLE 15.1 (CONTD.) CALENDER YEAR AND FINANCIAL YEAR AVERAGES FOR INDEX NUMBERS OF WHOLESALE PRICES IN INDIA -ALL COMMODITIES

	Calender Year Average Index Base year						Finacial Year Average Index Base year					
Year	1952-53	19961-62	1970-71	1981-82	1993-94	Year	1952-53	1961-62	1970-71	1981-82	1993-94
1	2	3	4	5	6	7	8	9	10	11	12
1969	211.2	168.8	93.2	33.1	13.4	1969-70	214.7	171.6	94.8	33.7	13.6
1970	224.2	179.2	99.0	35.2	14.2	1970-71	226.6	181.1	100.0	35.5	14.3
1971	232.8	186.1	105.0	37.3	15.1	1971-72	235.7	188.4	105.6	37.5	15.1
1972	251.1	200.7	113.0	40.2	16.2	1972-73	259.1	207.1	116.2	41.3	16.7
1973	299.4	239.3	131.6	46.8	18.9	1973.74	318.0	254.2	139.7	49.7	20.1
1974	380.2	303.9	169.2	60.1	24.3	1974-75	391.6	313.0	174.9	62.2	25.1
1975	386.8	309.2	175.8	62.5	25.2	1975-76	378.8	302.8	173.0	61.5	24.8
1976	376.6	301.0	172.4	61.3	24.7	1976-77	388.7	310.7	176.6	62.8	25.3
1977	419.1	335.0	185.4	65.9	26.6	1977-78	421.0	336.5	185.8	66.0	26.6
1978	419.1	335.0	185.0	65.8	26.6	1978-79	421.0	336.5	185.8	66.0	26.6
1979	467.9	374.0	206.5	73.4	29.6	1979-80	493.0	394.1	217.6	77.4	31.2
1980	562.1	449.3	248.1	88.2	35.6	1980-81	583.0	466.0	257.3	91.5	36.9
1981	630.7	504.2	278.4	99.0	40.0	1981-82	637.3	509.4	281.3	100.0	40.4
1982	646.4	516.7	285.3	101.4	40.9	1982-83	654.0	522.8	288.7	102.6	41.4
1983	698.9	558.7	308.5	109.7	44.3	1983-84	715.9	572.3	316.0	112.3	45.3
1984	756.7	604.9	334.0	118.7	47.9	1984-85	766.6	612.8	338.4	120.3	48.5
1985	800.4	639.8	353.3	125.6	50.7	1985-86	810.6	648.0	357.8	127.2	51.3
1986	843.2	674.0	372.2	132.3	53.4	1986-87	853.7	682.4	376.8	133.9	54.0
1987	896.5	716.6	395.7	140.7	56.8	1987-88	918.5	734.2	405.4	144.1	58.2
1988	971.5	776.6	428.8	152.4	61.5	1988-89	986.2	788.3	435.3	154.2	62.2
1989	1035.6	827.8	457.1	162.5	65.6	1989-90	1056.0	844.1	466.1	165.7	66.9
1990	1129.4	902.8	498.5	177.2	71.5	1990-91	1164.3	930.7	513.9	182.7	73.7

TABLE 15.1 (CONTD.) CALENDER YEAR AND FINANCIAL YEAR AVERAGES FOR INDEX NUMBERS OF WHOLESALE PRICES IN INDIA -ALL COMMODITIES

	Calender Year Average Index Base year						Finacial Year Average Index Base year					
Year	1952-53	19961-62	1970-71	1981-82	1993-94	Year	1952-53	1961-62	1970-71	1981-82	1993-94
1	2	3	4	5	6	7	8	9	10	11	12
1991	1283.5	1026.0	566.5	201.4	81.3	1991-92	1324.2	1058.5	584.5	207.8	83.9
1992	1432.0	1144.7	632.1	224.7	90.7	1992-93	1457.4	1165.0	643.3	228.7	92.3
1993	1542.9	1233.3	681.0	242.1	97.7	1993-94	1579.3	1262.4	697.1	247.8	100.0
1994	1756.1	1403.8	775.1	275.6	111.2	1994-95	1750.6	1399.4	772.7	274.7	112.6
1995	1898.2	1517.4	837.9	297.9	120.2	1995-96	1885.1	1506.9	832.1	295.8	121.6
1996	1983.5	1585.5	875.5	311.2	125.6	1996-97	2005.0	1602.7	885.0	314.6	127.2
1997	2073.5	1657.5	915.2	325.4	131.3	1997-98	2101.8	1680.1	927.7	329.8	132.8
1998	2193.6	1753.4	968.2	344.2	138.9	1998-99	2245.8	1795.2	991.3	352.4	140.7
1999	2270.9	1815.3	1002.4	356.3	143.8	1999-00	2314.1	1849.8	1021.4	363.1	145.3
2000	2413.1	1928.9	1065.1	378.6	152.8	2000-01	2458.8	1965.5	1085.3	385.8	155.7
2001	2537.8	2028.6	1120.2	398.2	160.7	2001-02	2547.4	2036.3	1124.4	399.7	161.3
2002	2601.0	2079.1	1148.1	408.1	164.7	2002-03	2634.0	2105.5	1162.6	413.3	166.8
2003	2738.4	2189.0	1208.7	429.7	173.4	2003-04	2778.0	2220.6	1226.2	435.9	175.9
2004	2920.0	2334.1	1288.9	458.2	184.9	2004-05	2957.9	2364.4	1305.6	464.1	187.3
2005	3059.0	2445.2	1350.2	480.0	193.7	2005-06	3089.0	2469.2	1363.5	484.7	195.6
2006	3205.8	2562.6	1415.0	503.0	203.0	2006-07	3256.4	2603.0	1437.3	511.0	206.2
2007	3360.6	2686.3	1483.3	527.3	212.8	2007-08	3406.4	2722.9	1503.6	534.5	215.7
2008	3667.0	2931.2	1618.6	575.4	232.2	2008-09	3693.8	2952.7	1630.4	579.6	233.9

Base Year equal to 100 correspondence to the Financial Year

Note :Conversion factaor used

1From Base 1993-94 to Base1981-82 = 2.478
2From Base 1981-82 to Base 1970-71 = 2.813
3From Base 1970-71 to Base 1961-62 = 1.811
4From Base 1961-62 to Base 1952-53 = 1.251

Source : Office of the Economic Adviser, Ministery of Commerce & Industry.

TABLE 15.2 INDEX NUMBERS OF WHOLESALE PRICES FOR MAJOR GROUPS FINANCIAL YEAR AVERAGES

Base : (1952-53 = 100)

S.No.	Groups	Weight(in %)	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
1	2	3	4	5	6	7	8	9	10	11	12
	All Commodities	100.0	104.6	97.5	92.5	105.3	108.4	112.9	117.1	124.9	125.1
I.	Food Articles	50.4	106.7	94.6	86.6	102.3	106.5	115.2	119.0	120.0	120.1
II.	Liquor & Tobacco	2.1	98.7	90.6	81.0	84.3	94.0	95.4	99.5	109.9	100.3
III.	F. P., Light & Lubricants	3.0	99.2	97.1	95.2	104.2	113.4	115.4	166.5	120.0	122.1
IV.	Industrial Raw Materials	15.5	109.7	101.9	99.0	116.0	116.5	115.5	123.7	145.4	142.6
V.	Manufactured Articles	29.0	98.9	100.6	99.7	106.3	108.1	108.4	111.7	123.9	126.6

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

TABLE 15.3 INDEX NUMBERS OF WHOLESALE PRICES FOR MAJOR GROUPS FINANCIAL YEAR AVERAGES

(Base : 1961-62 = 100)

S. No.	Groups	WEIGHT(in %)	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70
1	2	3	4	5	6	7	8	9	10	11
	All Commodities	100.0	103.8	110.2	122.3	131.6	149.9	167.3	165.4	171.6
I	Food Articles	29.2	106.5	115.4	135.4	144.6	171.1	207.8	196.9	196.8
II	Liquor & Tobacco	1.3	103.1	121.0	131.0	133.2	134.1	152.0	192.5	195.0
III	F.P., Light & Lubricants	6.0	103.2	118.1	120.3	124.1	134.5	142.0	148.6	155.1
IV	Industrial Raw Materials	13.4	97.8	100.2	115.9	132.8	158.4	156.4	157.3	180.1
V	Chemicals	4.2	111.8	114.3	116.9	125.9	144.1	157.4	169.1	183.8
VI	Machinery & Transport Equipment	7.4	103.9	108.3	111.8	117.7	126.5	131.9	132.6	136.3
VII	Manufactured Articles	38.5	102.6	104.8	109.0	118.1	127.5	131.1	134.4	143.5

Source: Office of the Economic Aduviser, Ministry of Commerce & Industry

TABLE 15.4 INDEX NUMBERS OF WHOLESALE PRICES FOR MAJOR GROUPS & GROUPS FINANCIAL YEAR AVERAGES
(Base : 1970-71 = 100)

S. No.	Major Groups/Groups	WEIGHT (in %)	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	All Commodities	100.000	105.6	116.2	139.7	174.9	173.0	176.6	185.8	185.8	217.6	257.3	281.3
I	Primary Articles	41.667	100.9	110.7	141.8	177.5	165.8	167.2	183.8	181.4	206.5	237.5	264.4
A	Food Articles	29.797	101.1	111.3	136.6	172.1	163.6	155.3	173.6	172.4	186.6	207.9	235.1
B	Non-Food Articles	10.621	98.6	107.5	146.6	163.7	139.8	167.4	178.0	170.4	194.6	217.7	240.5
C	Minerals	1.247	115.4	124.4	225.4	423.5	440.4	449.4	477.0	490.7	779.9	1110.2	1168.6
II	Fuel, Power, light & Lubricant	8.459	105.9	110.1	130.6	198.3	219.2	230.8	234.3	244.7	283.1	354.3	427.5
III	Manufactured Products	49.874	109.5	121.9	139.5	168.8	171.2	175.2	179.2	179.5	215.8	257.3	270.6
A	Food Products	13.322	118.4	149.7	171.1	186.9	181.4	189.1	184.3	157.0	214.8	308.7	298.9
B	Beverages Transport Products	2.708	106.8	112.4	122.0	148.2	164.7	168.2	171.2	178.2	186.6	210.7	217.4
C	Textiles	11.026	109.6	112.7	134.8	159.8	147.3	155.3	172.8	179.0	203.2	212.7	223.9
D	Paper & Paper Products	0.851	110.4	114.3	129.2	184.8	183.8	180.1	184.5	196.0	237.4	262.2	282.2
E	Leather & Leather Products	0.385	115.7	151.7	170.3	184.0	207.9	227.8	228.2	265.4	345.0	380.1	368.0
F	Rubber & Rubber Products	1.207	101.7	103.7	105.3	140.0	156.9	157.2	156.9	181.9	214.9	248.8	284.1
G	Chemicals & Chemical Products	5.548	101.5	105.0	116.4	168.8	175.6	171.4	172.8	177.2	198.7	241.3	260.2
H	Non-Metal Mineral Products	1.415	109.3	116.2	123.1	163.3	187.9	191.0	194.6	213.7	249.5	278.7	311.7
I	Basic Metals All and Metal Products	5.974	104.7	113.9	139.0	172.6	184.8	190.1	193.8	211.2	251.9	272.1	317.1
J	Machinery & Transport Equipment	6.718	105.3	112.1	122.7	156.4	172.6	170.7	172.6	183.9	215.9	239.4	265.1
K	Misc. Parts	0.720	102.5	110.2	119.2	168.5	167.8	166.0	179.4	187.8	209.8	232.8	239.5

Source: Office of the Economic Adviser, Ministry of Commerce & Industry

TABLE 15.5 INDEX NUMBERS OF WHOLESALE PRICES FOR MAJOR GROUPS & GROUPS- FINANCIAL YEAR AVERAGES
(Base : 1981-82 = 100)

SL. No.	All Commodities Major Groups/Groups	Weight in (%)	Financial Year Average 1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	All Commodities	100.000	125.4	132.7	143.5	154.2	165.7	182.7	207.8	228.7	247.8	274.7	295.8	314.6	329.8	352.4	363.1
I	Primary Articles	32.295	125.7	137.1	152.6	160.1	163.6	184.9	218.3	234.6	250.9	283.2	304.1	328.4	339.5	379.1	389.1
A	Food Articles	17.386	134.1	147.8	161.1	177.1	179.3	200.6	241.1	271.0	284.4	312.7	335.7	375.1	388.0	440.9	457.7
B	Non-food Articles	10.081	120.4	134.1	163.0	160.2	166.0	194.2	229.2	228.7	249.1	299.0	321.7	329.8	340.5	376.4	375.9
C	Minerals	4.828	106.5	104.2	100.5	98.5	102.2	109.0	113.5	116.1	133.9	143.6	153.5	157.3	162.9	162.1	174.5
II	Fuel, Power Light and Lubricants	10.663	129.8	138.6	143.3	151.2	156.6	175.8	199.0	227.1	262.4	280.4	285.4	324.2	365.7	381.3	418.6
III.	Manufactured Products	57.042	124.5	129.2	138.5	151.5	168.6	182.8	203.4	225.6	243.2	268.8	293.1	305.0	317.5	331.9	337.5
A	Food Products	10.143	117.2	129.1	140.5	147.8	168.3	181.7	206.3	223.8	246.7	270.5	278.8	297.3	321.3	344.6	342.6
B	Beverages, Tabacco & Tobacco Products	2.149	132.2	133.0	155.0	180.7	207.7	242.1	265.7	293.7	306.6	342.1	373.9	392.9	442.0	482.6	507.0
C	Textiles	11.545	119.5	116.0	126.6	139.6	158.2	171.2	188.3	200.7	219.9	256.8	294.6	304.1	310.3	320.4	322.3
D	Wood & Wood Products	1.198	146.0	149.0	154.7	156.6	157.7	159.1	161.6	318.2	380.9	421.0	442.0	445.8	513.0	605.2	620.0
E	Paper & Paper Products	1.988	144.1	154.3	170.2	180.9	208.4	222.4	261.5	311.4	328.2	330.2	374.0	377.4	370.0	388.5	396.9
F	Leather & Leather Products	1.018	128.1	134.2	142.9	168.4	185.7	224.3	233.9	228.2	245.2	261.8	276.8	281.2	290.5	297.1	308.8
G	Rubber & Plastic Products	1.592	125.6	132.8	143.5	155.3	159.4	164.9	170.6	186.2	189.9	200.6	235.4	244.0	245.2	248.2	244.9
H	Chemical Products	7.355	118.3	124.6	131.9	135.8	140.0	147.9	168.4	192.6	207.8	232.6	249.9	259.3	269.3	281.8	290.7
I	Non-MetalicMineral Products	2.477	141.1	142.5	147.9	152.4	167.0	185.6	215.7	232.8	255.1	275.7	315.8	334.5	341.9	356.7	370.0
J	Basic Metals, Alloys & Metal Products	7.632	139.6	141.3	149.7	176.4	205.6	219.9	234.8	256.6	276.6	300.5	329.0	339.6	348.8	353.1	361.2
K	Machinery & Machine Tools including Elec. Machinery	6.268	121.4	127.3	132.3	150.8	166.2	180.2	208.3	230.6	237.9	262.8	282.8	295.0	299.4	304.7	309.1
L	Transport Equipment & Parts	2.705	123.0	129.9	135.5	148.9	166.2	181.3	202.5	218.1	223.8	238.5	254.5	265.9	274.9	285.8	298.4
M	Other Misc. Mfg.	0.972	99.3	107.0	109.8	113.1	117.2	119.0	128.3	138.8	148.2	165.9	169.9	175.1	179.0	180.9	181.3

Source : Office of the Economic Adviser, Ministry of Commerce & Industry.

TABLE 15.6 INDEX OF INDUSTRIAL PRODUCTION
(Base : 1970 = 100)

Year	Manufacturing	Mining Quarrying	Electricity	Overall
1951	30.5	44.7	10.7	29.7
1952	31.9	46.6	11.1	31.0
1953	32.3	47.9	12.1	31.5
1954	35.6	48.2	13.6	34.4
1955	41.3	50.1	15.4	39.5
1956	44.5	52.8	17.5	42.5
1957	46.6	57.1	19.7	44.9
1958	47.0	58.1	22.2	45.8
1959	50.6	60.5	26.5	49.0
1960	55.9	67.1	29.9	54.2
1961	61.0	70.7	34.8	59.2
1962	66.9	77.3	39.1	64.9
1963	72.2	82.7	45.1	70.4
1964	78.9	80.1	51.9	76.4
1965	86.1	88.4	57.1	83.5
1966	84.8	91.3	62.1	83.1
1967	91.1	69.0	82.8	82.8
1968	88.7	96.8	79.7	88.3
1969	95.4	98.9	90.0	95.1
1970	100.0	100.0	100.0	100.0
1971	104.5	101.0	107.2	104.4
1972	110.5	105.0	116.8	110.6
1973	111.2	107.0	114.8	111.1
1974	111.9	113.2	124.1	113.1
1975	116.0	127.9	138.6	119.2
1976	128.5	136.8	160.3	132.3
1977	135.2	139.3	165.5	138.4
1978	145.4	142.9	183.6	148.7
1979	144.6	149.7	193.0	149.6
1980	146.1	144.7	197.3	150.7
1981	157.6	171.3	220.4	164.7
1982	162.8	188.7	236.0	172.1
1983	170.2	212.2	245.5	181.2
1984	180.3	229.2	279.7	194.2
1985	191.2	240.1	302.5	206.2

Source : Central Statistical Organisation

TABLE 15.7 EXPORTS, IMPORTS AND TRADE BALANCE

(US $ MILLION)

Year	Exports (incl. re-exports)	Imports	Trade Balance	Rate of change(%) Export	Import
1	2	3	4	5	6
1950-51	1269	1273	(-)4	24.9	(-)1.5
1955-56	1275	1620	(-)345	303.0	11.3
1960-61	1346	2353	(-) 1007	0.3	16.7
1965-66	1693	2944	(-)1251	(-)0.5	4.7
1970-71	2031	2162	(-) 131	8.8	3.5
1971-72	2153	2443	(-) 290	6.0	13.0
1972-73	2550	2415	134	18.4	(-)1.1
1973-74	3209	3759	(-) 549	25.9	55.6
1974-75	4174	5666	(-) 1492	30.1	50.8
1975-76	4665	6084	(-) 1420	11.7	7.4
1976-77	5753	5677	77	23.3	(-)6.7
1977-78	6316	7031	(-) 715	9.8	23.9
1978-79	6978	8300	(-) 1322	10.5	18.0
1979-80	7947	11321	(-)3374	13.9	36.4
1980-81	8486	15869	(-) 7383	6.8	40.2
1981-82	8704	15174	(-) 6470	2.6	(-)4.4
1982-83	9107	14787	(-) 5679	4.6	(-)2.6
1983-84	9449	15311	(-) 5861	3.8	3.5
1984-85	9878	14412	(-) 4534	4.5	(-)5.9
1985-86	8904	16067	(-) 7162	(-)9.9	11.5
1986-87	9745	15727	(-) 5982	9.4	(-)2.1
1987-88	12089	17156	(-) 5067	24.1	9.1
1988-89	13970	19497	(-) 5526	15.6	13.6
1989-90	16612	21219	(-) 4607	18.9	8.8
1990-91	18143	24075	(-) 5932	9.2	13.5
1991-92	17865	19411	(-) 1546	(-)1.5	(-)19.4
1992-93	18537	21882	(-) 3345	3.8	12.7
1993-94	22238	23306	(-) 1068	20.0	6.5
1994-95	26330	28654	(-) 2324	18.4	22.9
1995-96	31797	36678	(-) 4881	20.8	28.0
1996-97	33470	39133	(-) 5663	5.3	6.7
1997-98	35006	41484	(-) 6478	4.6	6.0
1998-99	33218	42389	(-) 9171	(-) 5.1	2.2
1999-00	36822	49671	(-) 12849	10.8	17.2
2000-01	44560	50536	(-) 5976	21.0	1.7
2001-02	43827	51413	(-)7586	(-)1.6	1.7
2002-03	52719	61412	(-)8693	20.3	19.4
2003-04	63843	78150	(-)14307	21.1	27.3
2004-05	83535	111516	(-)27982	30.8	42.7
2005-06	103092	149167	(-)46076	23.4	33.8
2006-07	126361	185749	(-)59388	22.6	24.5
2007-08	162904	251439	(-)88535	28.9	35.4
2008-09(P)	168704	287759	(-)119055	3.6	14.4

(P) Provisional (April-Dec. 2007)

Source :DGCI&S, Economic Survey

TABLE 15.8 DGTD REGISTRATION : STATEWISE

Sl. No.	Name of the States	No. of Schemes registered during							
		1984 H.Q. & R.O.	1985 H.Q. & R.O.	1986 H.Q. & R.O.	1987 H.Q. & R.O.	1988 H.Q. & R.O.	1989 H.Q. & R.O.	1990 H.Q. & R.O.	1991 H.Q. & R.O.
1	2	3	4	5	6	7	8	9	10
1	Andhra Pradesh	186(135)	178(133)	79(48)	114(79)	115(91)	49(26)	40(23)	33(17)
2	Assam	13(12)	21(15)	9(7)	14(12)	13(13)	1(1)	3(02)	-
3	Andaman & Nicobar	1(1)	1(1)	-	-	-	-	-	-
4	Bihar	28(9)	37(15)	15(3)	24(3)	9(5)	9(2)	4(2)	1
5	Chandigarh	4	3	1	1	-	-	-	-
6	Delhi	6	15	11	6	2	4	3	2
7	Gujarat	150(77)	201(111)	103(61)	121(60)	84(45)	27(16)	66(31)	26(10)
8	Gao, Daman & Diu	5(5)	7(7)	4(4)	12(12)	24(24)	10(10)	7(7)	2(2)
9	Himachal Pradesh	70(69)	48(47)	25(25)	28(28)	12(12)	6(6)	3(3)	2(2)
10	Harayana	148(36)	119(33)	66(16)	54(10)	24(7)	5(1)	12(2)	8(1)
11	Jammu & Kashmir	42(41)	22(22)	12(12)	21(21)	8(8)	2(2)	2(2)	-
12	Kerala	13(8)	22(13)	13(4)	16(10)	10(5)	4(1)	5(3)	3(-)
13	Karanatka	92(57)	79(51)	42(24)	73(36)	58(32)	23(9)	34(7)	17(7)
14	Maharashtra	195(77)	228(80)	177(59)	198(80)	126(47)	84(38)	78(30)	29(12)
15	Madhya Pradesh	174(167)	189(176)	109(107)	100(95)	51(42)	26(22)	26(23)	13(13)
16	Tamilnadu	164(71)	149(61)	89(42)	73(18)	57(17)	28(15)	25(9)	19(9)
17	Dadar & Nagar Havali	3(3)	14(14)	6(6)	6(6)	2(2)	3(3)	10(10)	-
18	Meghalaya	-	-	-	-	1(1)	-	-	1(1)
19	Pondicherry	39(39)	27(27)	14(14)	19(19)	16(16)	17(17)	5(5)	3(3)
20	Orissa	24(14)	32(18)	9(5)	8(4)	13(9)	4(2)	2(2)	3(2)
21	Punjab	62(25)	68(25)	56(14)	55(15)	29(6)	6(1)	11	7(1)
22	Rajasthan	78(65)	81(65)	53(36)	57(40)	46(39)	28(20)	20(16)	19(12)
23	Uttar Pradesh	360(200)	335(175)	221(98)	166(84)	110(64)	36(25)	51(21)	20(10)
24	West Bengal	53(28)	85(51)	47(24)	37(18)	25(10)	13(8)	18(5)	9(2)
25	Sikkim	2(2)	-	-	-	1(1)	7(7)	-	-
26	Nagaland	3(3)	-	-	-	-	-	-	1(1)
27	Arunachal Pradesh	-	-	-	1(1)	-	-	-	-
28	Manipur	-	-	-	-	-	1(1)	3(1)	-
29	Tripura	-	-	1(1)	-	-	-	-	-
30	Mizoram	-	-	-	-	-	-	-	-
31	Lakashdweep	-	-	-	-	-	-	-	-
Total		**1915 (1144)**	**1961 (1140)**	**1162 (610)**	**1204 (651)**	**836 (496)**	**393 (233)**	**428 (204)**	**218 (105)**

NB: Figures within brackets indicate the number schemes registred in the backward areas of the state.

Source:Ministery of Commerce and Industry, Deptt. of Industrial Policy and Promotion.

TABLE 15.9 DGTD REGISTRATIONS INDUSTRY-WISE

Sl. No.	Industry	No of Schemes registered in 1984	1985	1986	1987	1988	1989	1990	1991
1	2	3	4	5	6	7	8	9	10
1	Industrial Machinery	217	127	85	79	44	42	44	20
2	Transportation	25	52	26	35	22	6	9	5
3	Tools	22	21	24	16	13	4	10	6
4	Metallurgical Engg.	234	107	23	32	25	23	18	8
5	Instruments	81	5	16	23	14	13	6	4
6	Cryogenics	16	12	3	8	-	-	-	-
7	Electronics	6	12	20	22	19	12	20	3
8	Mechanical Engg.	18	29	35	32	26	8	19	5
9	Electrical Engg	20	17	19	14	19	8	12	3
10	Earth Moving, Ship Building & Material Handling Equipment	9	20	-	-	1	-	-	1
11	Paper & Paper Products	93	12	24	35	17	18	17	3
12	Rubber	41	21	26	29	20	8	3	1
13	Timber	4	6	1	8	7	-	-	1
14	Paints	4	-	4	6	4	4	9	2
15	Acid & Salts	8	1	1	3	3	3	6	1
16	Ceramics	16	23	8	22	12	3	4	1
17	Cements & Cement Products	135	30	15	31	41	32	40	41
18	Oil & Soaps	238	175	197	126	71	14	22	16
19	Dyes, Explosive & Catalysts	15	2	-	7	1	3	2	3
20	Industrial Gases & Misc, Chemicals	13	227	125	66	32	9	2	6
21	Carbon Products	15	10	6	8	3	4	6	1
22	Refractories	13	15	6	9	2	4	4	-
23	Alkalies & Allied Chemicals	5	4	4	4	6	1	-	2
24	Glass	10	6	5	16	10	6	-	1
25	Leather	7	2	5	-	1	-	1	-
26	Organic Chemicals & Petro Chemicals	36	23	12	16	9	18	6	5
27	Pesticides & Insecticides and Aeromatic Chem.	35	5	6	5	6	1	7	-
28	Plastics & Polymers	306	794	262	283	175	55	55	36
29	Drugs & Pharmaceuticals	98	64	89	99	97	30	12	6
30	Food Items	110	100	91	116	85	18	32	10
31	Fermentation	43	10	1	7	3	5	5	4
32	Man Made Fibres	6	6	-	1	2	2	30	7
33	Asbestos & Marble Products	8	14	1	15	8	28	6	-
34	Energy Conservation	7	9	-	-	-	-	1	-
35	Fertilizers	1	-	-	2	-	-	-	2
36	Consumer, Durable & Light Engg. Ind. (CLE)	-	-	22	29	38	11	20	13
	Total	**1915 (1144)**	**1962 (1140)**	**1162 (610)**	**1204 (651)**	**836 (496)**	**393 (233)**	**428 (204)**	**218 (105)**

Note: Figures within Brackets indicate the number of schemes registered in the backward areas of the States.

Source : Ministery of Commerce and Industry, Deptt. of Industrial Policy and Promotion.

TABLE 15.10 SIA REGISTRATION UNDER DELICENSING SCHEME

Sl.	State/Union Territory	1988 Total	1988 Share of backward areas	1989 Total	1989 Share of backward areas	1990 Total	1990 Share of backward areas	1991 Total	1991 (UptoJuly) Share of backward areas
1	2	3	4	5	6	7	8	9	10
1	Andaman & Nicobar Islands	1	1	1	1	1	1	-	-
2	Andhra Pradesh	65	45	79	36	72	38	51	29
3	Arunachal Pradesh	-	-	-	-	-	-	-	-
4	Assam	28	28	13	13	7	7	3	3
5	Bihar	48	14	29	7	32	8	15	3
6	Chandigarh	6	-	6	-	4	-	3	-
7	Dadar & Nagar Haveli	6	6	1	1	1	1	3	3
8	Delhi	3	-	4	-	6	-	1	-
9	Daman & Diu	6	6	4	4	2	2	-	-
10	Goa	15	15	19	19	8	8	2	2
11	Gujarat	78	42	71	41	89	59	85	45
12	Haryana	90	27	49	24	55	24	24	9
13	Himachal Pradesh	43	43	25	25	16	16	6	6
14	Jammu & Kashmir	26	26	10	10	10	10	15	15
15	Karnataka	58	31	25	13	28	18	26	16
16	Kerala	22	8	10	5	24	13	6	1
17	Lakshadweep	-	-	-	-	-	-	-	-
18	Madhya Pradesh	76	70	146	131	203	195	131	120
19	Maharashtra	209	95	157	63	162	71	105	51
20	Manipur	3	3	1	1	1	1	1	1
21	Meghalaya	1	1	1	1	2	2	-	-
22	Mizoram	-	-	-	-	-	-	-	-
23	Nagaland	3	3	-	-	-	-	-	-
24	Orissa	21	5	35	19	38	20	15	5
25	Pondicherry	7	7	6	6	19	19	3	3
26	Punjab	80	18	195	31	174	20	75	7
27	Rajasthan	37	30	47	36	115	94	90	68
28	Sikkim	-	-	1	1	-	-	-	-
29	Tamil Nadu	69	34	34	25	63	28	23	14
30	Tripura	2	2	-	-	1	1	-	-
31	Uttar Pradesh	285	213	210	148	165	117	96	67
32	West Bengal	64	46	14	14	49	27	22	16
33	State not indicated/ more than one State	-	-	-	-	1	-	-	-
	Total	**1352**	**819**	**1203**	**675**	**1347**	**799**	**801**	**484**

Source : Ministry of Commerce & Industry, Deparment of Industrial Policy and Promotion.

TABLE 15.11 YEAR WISE TOTAL CAPITAL GOODS APPROVALS ACCORDED BY CAPITAL GOODS (MAIN COMMITEE) FOR IMPORT OF PLANT AND MACHINERY

Year	Account of Approval (Rs. Crore)	Percentage Change over previous year
1	2	3
1970-71 (April - Febuary)	70.5	-
1971-72 (April - Febuary)	88.5	-
1972	98.1	-
1973	118.4	20.7
1974	241.7	104.1
1975	248.1	2.7
1976	147.0	(-)40.7
1977	167.4	13.6
1978	189.7	13.3
1979	250.1	31.9
1980	401.6	60.6
1981	396.6	(-)1.2
1982	501.8	26.5
1983	607.0	20.9
1984	713.4	17.6
1985	747.0	4.7
1986	1110.9	48.7
1987	980.2	(-)11.8
1988	1084.2	10.6
1989	1098.3	19.8
1990	1076.9	(-)16.9
1991	1763.2	63.7

Source : Ministry of Commerce & Industry,Department of Industrial Policy and Promotion.

TABLE 15.12 INDUSTRY WISE CAPITAL GOODS APPROVALS ACCORDED BY THE C.G. (MAIN) COMMITTEE FOR IMPORT OF PLANT AND MACHINERY

(Value in Rs. Lakh)

	Industry	1981	1985	1986	1987	1988	1989	1990	1991
	1	2	3	4	5	6	7	8	9
1	Automobiles	3140.4	5556.5	7428.0	6863.5	1328.8	782.6	8461.7	886.0
2	Electricals	2265.5	9191.8	7301.9	5724.3	3100.4	12974.9	9545.1	3886.0
3	Electronics	813.4	3561.9	13582.9	8355.4	5184.6	8242.5	6174.0	4167.0
4	Engineering	5008.6	3050.3	5139.7	3099.2	6643.6	19444.8	3939.8	4829.0
5	Iron ore & Iron Steel Manufacturers	4021.6	7718.6	13575.9	7862.7	5296.0	11039.6	8398.2	69739.0
6	Non-ferrous metals	674.5	874.5	2166.8	3333.2	798.5	2127.8	2786.4	9403.0
7	Cement, Ceramics & Refractories	3570.7	5650.2	8844.9	5449.0	11073.7	3916.2	898.5	1948.0
8	Chemicals	3931.9	14901.4	22391.5	29833.8	27566.9	20873.7	19889.8	41725.0
9	Rubber & Rubber Goods	275.8	2415.1	1837.3	3732.5	4354.7	4461.1	5144.2	503.0
10	Paper, Pulp & Paper, Board	2210.2	282.7	1496.6	2893.4	1997.1	467.7	2718.0	6518.0
11	Cotton Textiles	3068.6	591.7	410.2	473.8	-	1093.0	797.1	1567.0
12	Other Textiles	3333.3	4593.7	3452.1	2210.7	854.7	378.3	3407.6	275.0
13	Man made Fibres	2716.3	10518.4	15567.7	4097.2	15441.6	15247.5	9674.4	12737.0
14	Misc. Industries	4539.4	5787.0	8497.0	14096.8	24780.0	28787.0	25851.8	18141.0
	TOTAL	**39552.2**	**74702.8**	**111092.4**	**98025.4**	**108420.4**	**29836.7**	**107686.3**	**1763241.0**

Source : Department of Industrial Policy and Promotion, Ministry of Commerce & Industry.

TABLE 15.13 REGISTRATION AND DE-REGISTRATION OF M.R.T.P. COMPANIES AND THEIR ASSETS

(In Numbers)

Year	At the Beginning of the year	Registration during the year	De-registration during the year	Number of undertakings (at the end of the year)	Assets (Rs. in crore) during the year
1	2	3	4	5	6
1972	825	62	37	850	5597.7
1973	850	29	32	847	N.A.
1974	847	82	74	855	N.A.
1975	855	234	29	1060	8830.6
1976	1060	82	39	1103	9048
1977	1103	38	11	1130	9985.8
1978	1130	71	23	1178	10739.7
1979	1178	46	25	1199	12426.3
1980	1199	36	26	1209	14408.8
1981	1209	40	11	1238	17443.7
1982	1238	61	26	1273	21688.4
1983	1273	64	16	1321	25962.5
1984	1321	483	20	1784	31628.7
1985	1784	245	309	1720	34655.2
1986	1720	58	126	1652	39390.8*
1987	1652	77	66	1663	44560.6**
1988	1663	124	33	1754	55213.3***
1989	1754	101	39	1816	68929.1****
1990	1816	130	14	1932	N.A.
1991 (Jan to 26th Sep 91)#	1932	80	4	2008	N.A.

Note: * Relates to the accounting year ending in April, 1986 to March, 1987.

** Relates to the accounting year ending in April, 1987 to March, 1988.

*** Relates to the accounting year ending in April, 1988 to March, 1989.

**** Relates to the accounting year ending in April, 1989 to March, 1990.

The MRTP Act was amended on 27th September, 1991 and the earlier provisions relating to -Registration/De DeRegistration of undertakings were omitted.

Source: Department of Company Affairs, Ministry of Law.

TABLE 15.14 CAPACITY UTILISATION OF SELECTED INDUSTRIES

(In Numbers)

Sl No.	Industy	Weight	Capacity Utilisation 1989	1990	1991
1	2	3	4	5	6
I.	**INTERMEDIATE GOODS**				
1	Grinding Wheels	2.81	77	85.57	81.84
2	Polyester Filament yarn	1.6	166	216.11	269.93
3	Staple Fiber	2.37	121	-	-
4	Cellouse Film	0.45	66	70.67	69.41
5	Azo dyes	1.05	67.2	-	-
6	Paints, Enamels and Varnishes	3.53	48	46.86	46.47
7	Malathion	0.31	29.5	-	-
8	Optical Whitening Agents	0.41	76.3	-	-
9	Caprolactum	0.74	44	60.56	86.69
10	DMT	0.79	20	110.5	23.95
II.	**CAPITAL GOODS**				
11	Winding Wires	1.58	46	-	-
12	PVC-VIR Cables	Non-CSO	21	15.9	14.36
13	ACSR/AAC Conductors	3.12	41	21.85	18.39
14	Ball & Roller Bearings	3.94	91.4	4.27	4.41
15	Domestic Refrigerators	1.45	86	61.88	65.84
16	Machine Tools	6.51	167	247.23	232.06
17	Twist Drills	0.58	128.1	0.53	0.81
18	Distribution & Power Transformers	2.39	80	84.2	90.89
19	Electric Motors	12.87	77	63.73	68.92
20	Transmission Towers	0	37	35.5	39.9
21	Tractors	6.22	100.02	116.76	104.1
22	Diesel Engines (Stat)	6.03	53	55.7	53.26
23	Power Driven Pumps	3.01	48	46.45	75.24
24	Compressors- Yars/Gas	1.96	54	30.01	36.6
25	Road Rollers	0.68	10.79	2.8	1.09
26	Earth Moving Equipment	3	68.8	52.92	39.72
27	Commerical Vehicles	13.69	55.03	68.08	66.91
28	Jeeps & Jeep Type Vehicles	2.89	66.3	101.27	114.3
29	Railway Wagons	3.63	93.21	98.95	92.9
30	Forged & Tools	1.69	55	54.62	62.91
31	Power Cables	4.53	39	-	-
32	Motor Starters & Contractors	5.09	79	74.27	90.89
33	Boilers	3.9	66	84.32	61.94
34	Sugar Machinery	1.78	73	54.83	46.04
35	Mining Machinery	0.79	136.8	0.02	0.28
36	Metallurgical Machinery (Incl. Steel Plant Equipment)	0.46	10.6	86.72	78.89
37	Chemical Fertilizers & Pharm. Machinery	2.59	84	124.02	142.97
38	Paper & Pulp Machinery	0.08	21	20.92	64.96
39	Cement Machinery	1.13	9	83.31	199.84
40	Printing Machinery	Non-CSO	82	-	-
41	Rubber Machinery	Non-CSO	59	149.79	151.28

TABLE 15.14 (CONTD.) CAPACITY UTILISATION OF SELECTED INDUSTRIES

(In Numbers)

Sl No.	Industy	Weight	Capacity Utilisation 1989	1990	1991
1	2	3	4	5	6
42	Cranes	1.45	31.3	18.9	17.52
43	Lifts	2.31	98	102.46	125.83
44	Wire rods for ACSR	Data Not Available			
45	Rubber & Plastic Accessories	Data Not Available			
46	Room Air Conditioners	0.24	54	48.8	52.35
47	Graphite Electrodes	6.57	83.7	110.25	100.13
III.	**CONSUMER DURABLES**				
48	Electric Fans (Domestic)	2.48	91	70.13	82.47
49	Complete Bicycles	2.31	99	95.34	101.95
50	Sewing Machines	2.61	27.2	-	-
51	Typewriters & Parts	0.54	78	63.92	50.73
52	Wrist Watches	3.29	79.2	92.91	79.84
53	Radio Receivers	0.24	16	5.78	5.14
54	Passenger Cars	1.4	76.2	88.2	117.27
55	Scooters			50.92	58.69
56	Motor Cycle	3.76	50.4	35.2	39.4
57	Mopeds			23.17	25.82
58	3-Wheeler Scooters	0.33	101.73	79.58	96.52
59	Hurricane Lanterns	Data not available			
60	House Serving Meters	1.24	74.6	63.63	49.3
61	Clocks & Alarm Time Pieces	0.02	91	52.27	52.5
IV.	**CONSUMER NON-DURABLE**				
62	Paper & Paper Board	27.66	72	59.23	62.07
63	Infant Milk Food	-	97	112.89	104.89
64	Biscuits	1.3	101	89.49	84.12
65	Soap	3.6	85	66.81	56.4
66	Synthetic Detergents	2.49	58	47.92	53.43
67	Matches	1.85	84	85.56	87.1
68	Leather Footwear	2.04	53	45.65	45.14
79	Rubber Canvas and Sports Footwear	1.06	54	48.38	66.54
70	Cigarettes	5.82	43	40.21	44.88
71	Penicillin	5.04	Data not available		
72	Streptomycin	3.59	Data not available		
73	GLS Lamps	1.51	97	105.67	112.94
74	Fluorescents Tubes	0.89	92	90.85	94.06
75	Pencils	0.17	12	101.42	80.31
76	Safety Razor Blades	0.37	113	107.12	113.27
77	Flour Mill Products	0.03	122	-	-
78	Beer	5.81	185	171.72	205.43
79	Leather Cloth	6.28	37.6	0.48	45.14
80	Linoleum	1.88	12	13.4	7.04
81	Vitamin 'A'	0.36	Data not available		
82	Sulpha Drugs	2.11	Data not available		
83	Chloramphenicol	0.76	Data not available		

Source : Ministry of Commerce & Industry, Deptt. of Industrial Policy and Promotion.

TABLE 15.15 LIST OF RESEARCH STUDIES ON INDUSTRIAL DEVELOPMENT RELEASED BY THEOFFICE OF THE ECONOMIC ADVISER, MINISTRY OF COMMERCE & INDUSTRY

Sl. No.	Title of Research Study	Year of Publishing	Institute
1	Commands and Controls: Planning for Indian Industrial Development, 1951-1990	1991	Office of the Economic Adviser
2	Industrial Sickness in India, Initial Findings: Report 1	1992	ISI, Delhi
3	Structure of Normal Tariff Rates in India	1992	NIPFP, Delhi
4	The Regional Spread of Urbanisation, Industrilisation and Urban Poverty	1992	Office of the Economic Adviser
5	India's Tariff Structure : Effective Rates of Protection of Indian Industries	1992	NIPFP, Delhi
6	Industrial Sickness in India : Characteristics, Determinats and History, 1970-90	1992	ISI, Delhi
7	Comprative Study of Foreign Direct Investment Environment in Select Asian Countries	1993	Price Water House & Co.
8	India's Garment Exports 1993	1993	Office of the Economic Adviser
9	Industrial Location Policies & their Implications for India	1993	Office of the Economic Adviser
10	Investment Promotion Zone (IPZ) Schemes : A Regional Concept	1994	Price Water House & Co.
11	Industrial Employment	1994	NCAER
12	Study of India's Tariff Structure	1994	NIPFP, Delhi
13	Import Policies and Import Behaviour in India in the Eighties	1995	Tata Economics Consultancy Services, Mumbai
14	Trends in Import Intensity in Indian Industry	1995	Tata Economics Consultancy Services, Mumbai
15	Import Policies and Trade Performance in the Newly Industrializing Countries	1995	Tata Economics Consultancy Services, Mumbai
16	Import Intensity and Competitiveness in Indian Industry	1995	Tata Economics Consultancy Services, Mumbai
17	Industrial Sickness in India Corporate Restructuring - its Agency Problems and Institutional Responses	1995	ISI, Delhi
18	Ancillarisation and Sub-contracting in Indian Industry	1995	Institute of Economic Growth, Delhi

TABLE 15.15 (CONTD.) LIST OF RESEARCH STUDIES ON INDUSTRIAL DEVELOPMENT RELEASED BY THE OFFICE OF THE ECONOMIC ADVISER, MINISTRY OF COMMERCE & INDUSTRY

Sl. No.	Title of Research Study	Year of Publishing	Institute
19	Restructuring & Privatisation of the Indian Public Sector	1996	Office of the Economic Adviser
20	Industrial Production Statistics	1997	Office of the Economic Adviser
21	Location of Industries in Backward Areas-A Study of Effectiveness of Past Policies and Future Policy Options	1997	Office of the Economic Adviser
22	Changing Trends in the Sourcing of Investment: A Firm Level Analysis	1999	SERFA, Delhi
23	Rationalising Tariff and Non-Tariff Barries on Trade: Sectoral Impact on India's Economy	1999	NCAER, Delhi
24	Inflation and Relative Price Variability Linkage in India	2001	Institute of Economic Growth, Delhi
25	Evalution of Counselling, Retraining and Deployment Programmes for Rationalised Workers Under National Renewal Fund By Nodal Agencies Set up in Mumbai.	2001	Tata Institute of Social Sciences, Mumbai
26	Workers Retrenchment and Rehabilitation Under the National Renewal Fund (Lessons from a Case Study of a Nodal Agency-Summary and Recommendations.	2001	Indian Institute of Management, Ahmedabad
27	Competition policy in India	2002	Indian Institute of Management, Ahmedabad
28	Reforms of Public Sector	2002	NCAER, Delhi
29	Foreign Direct Investment	2002	NCAER, Delhi
30	Investment Inflows of Foreign Direct Investment	2002	NCAER, Delhi
31	Impact on Indian Industry and Restructuring required adjusting to Tariff proposals being considered by "The Negotiating Group on Market Access" (NGMA) at WTO	2003	ICRIER, Delhi
32	Impact of Foreign Direct Investment on select sectors of India-A comparative study with select countries	2007	ISID, New Delhi

Source : Ministry of Commerce & Industry. Office of the Economic Adviser.