#### **GOVERNMENT OF NCT OF DELHI**



# ESTIMATES OF GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) 2015-16

DIRECTORATE OF ECONOMICS & STATISTICS VIKAS BHAWAN-II, 3<sup>rd</sup> FLOOR 'B' WING, UPPER BELA ROAD, NEAR METCALF HOUSE, DELHI- 110054.

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#### PREFACE

Economic theory as well as empirical experience confirm that the significant differences in the level of economic development and rates of economic growth among countries or in the same countries over time are, to a great extent, interrelated with the differences that exist in the level and composition of the capital stock. Ideally, capital stock is build-up by the accumulation of capital formation regularly done. Therefore economists have for a long time used the estimate of capital formation as well as capital stock in their analysis of the results of productive activity.

Capital Formation is Key indicator to measure the economic development as well as to indicate the magnitude of growth of productive potential of an economy. Higher the growth rate of Capital Formation, higher would be productivity capacity of the economy, whereas its paucity leads to low level of production with higher cost. Moreover, Gross fixed capital formation builds an important segment of Gross Domestic Product (GDP).

The present report on the "Estimates of Gross Fixed Capital Formation" in Delhi (Public Sector) for the years 2011-12 to 2015-16 at current prices (with 2011-12 Base year) is brought out by the Directorate of Economics & Statistics, Delhi as per the latest methodology adopted by the National Accounts Division, Central Statistics Office, Ministry of Statistics & Programme Implementation, Govt. of India.

This report gives a broader view about the annual creation of fixed capital by type of assets and industry of use in Public Sector separately for the State Government, Departmental Enterprises, Non- Departmental Enterprises, Local Bodies, Quasi Local self government including State Autonomous Institutions and Supra Regional Sectors.

The cooperation extended by the National Accounts Division, Central Statistics Office, Government of India in furnishing the basic data required for estimation of Gross Fixed Capital Formation in respect of Supra Regional Sectors (Central Govt. Administration, Railways, Communication & Services related to Broadcasting, Financial Services) and Central & State Non-Departmental Enterprises is greatly acknowledged.

The strenuous efforts put in by the team of the State Accounts Division of this Directorate, are highly appreciated for bringing out this report.

It is expected that this report will be of immense help to the policy makers, Planners and Research Scholars interested in the study of Capital Formation of Govt. of NCT of Delhi.

Constructive comments and suggestions, if any, for improving the future publications are most welcome.

DELHI FEBRUARY, 2019 ASHOK KUMAR
Director (Planning, Economics & Statistics)

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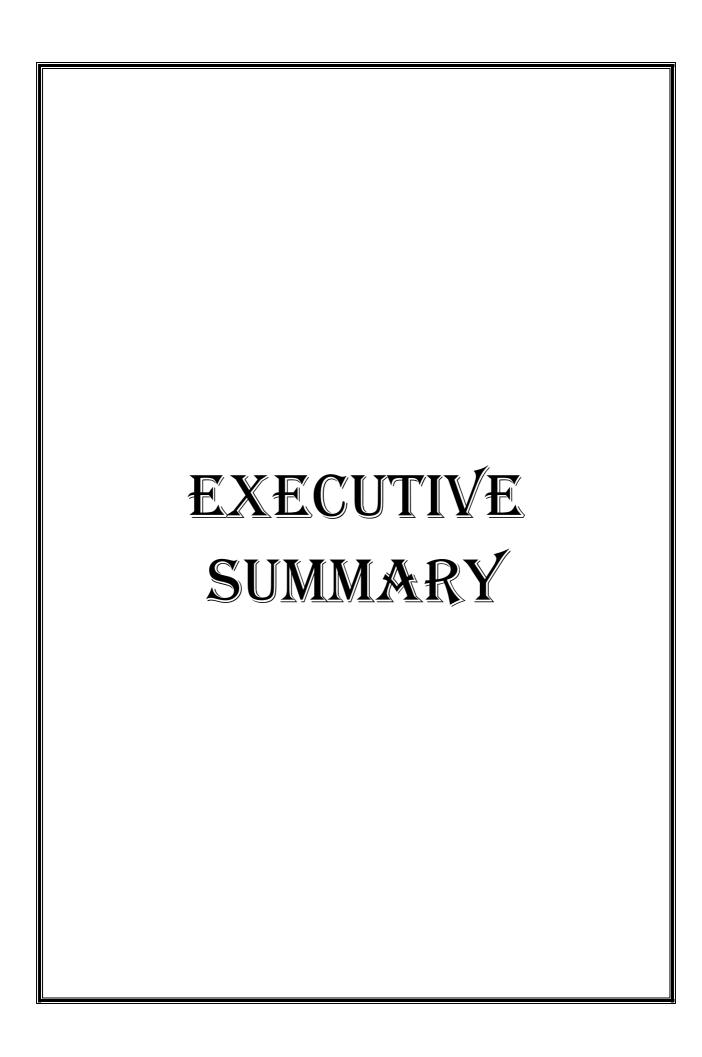
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## ESTIMATES OF GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR)

#### 2015 -16

#### **EXECUTIVE SUMMARY**

The major findings as emerged out from the analysis of "ESTIMATES OF GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR)" for the year 2015-16 are summarized below:

## ESTIMATED TOTAL PUBLIC SECTOR GFCF IN DELHI AND AT NATIONAL LEVEL:

- ♣ GFCF of Delhi for Public Sector for the year 2014-15 was
  ₹ 26308.90 Crore as compared to estimated GFCF during the
  year 2015-16 to the tune of ₹ 28948.34 Crore with a growth of
  10.03 % over previous year.
- At National level, GFCF of Public Sector for the year 2014-15 was ₹ 872482 Crore, as compared to estimated GFCF during the year 2015-16 to tune of ₹ 1009258 Crore registered a growth rate of 15.68% over previous year.

#### **SECTORAL CONTRIBUTION & GROWTH:**

- ♣ The contribution of Primary Sector in Public Sector GFCF in Delhi is found to be negligible during 2015-16 as compared to 9.17% contribution at National Level.
- For Secondary Sector, the contribution of Delhi was 8.79% whereas at National level it was recorded at 40.61%.

- ♣ Tertiary Sector contributed 91.21% in Delhi as compared to 50.22% at National level.
- ♣ During 2015-16 a negative growth in GFCF for Primary Sector in Delhi was as compared to (-) 2.95% at National level.
- ♣ For Secondary Sector, a negative Growth rate of (-) 2.62% was observed as compared to 29.41% growth at National level.
- ♣ For Tertiary Sector, a growth of 11.43% was registered in Delhi whereas at National level GFCF it was 10.09% during the year 2015-16.

# RATIO OF GFCF OF DELHI TO NATIONAL LEVEL GFCF (PUBLIC SECTOR):

❖ The ratio of Public Sector GFCF of Delhi to the National level Public Sector GFCF has been estimated as 3.03% during 2011-12, while the share of Public Sector GFCF of Delhi to National level Public Sector GFCF is in the subsequent years 2012-13, 2013-14, and 2014-15 was 2.77% ,3.08% and 3.02% respectively. Moreover, as per latest findings in the instant report, the share of Public Sector GFCF of Delhi to the National level Public Sector GFCF has been estimated as 2.87% during the year 2015-16.

#### **RATIO OF GFCF TO GDP/GSDP:**

The ratio of Public sector GFCF of Delhi to GSDP has been estimated at 5.65% during 2011-12, 4.93% during the year 2012-13, 5.53% during the year 2013-14 and 5.32% during the year 2014-15, while at National level the ratio of Public Sector GFCF to GDP was 7.34% during 2011-12, 7.02% during the year 2012-13 & 7.09% during the year 2013-14 and 7.00% during the year 2014-15. During the year 2015-16, the ratio of Public sector GFCF of Delhi to GSDP was 5.26%, whereas at

National level, the ratio of Public Sector GFCF to GDP was found to be 7.33%.

## ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR DELHI GOVERNMENT:

❖ Gross Fixed Capital Formation of State Government including State Departmental Enterprises was amounted to ₹ 2952.70 Crore in the year 2011-12, which has increased to ₹ 3097.48 Crore in the year 2012-13, ₹ 4308.56 Crore in the year 2013-14 & ₹ 4399.41 Crore in the year of 2014-15 & ₹ 4779.12 Crore in the year 2015-16 thereby registering a growth of 4.90%, 39.10% ,2.11% and 8.63% respectively.

## ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR LOCAL BODIES:

❖ Gross Fixed Capital Formation of Local Bodies including Departmental Enterprises was amounted to ₹ 2242.71 Crore in the year 2011-12, which has increased to ₹ 2560.50 Crore in the year 2012-13, ₹ 2576.53 Crore in the year 2013-14 , ₹ 2149.84 Crore in the year 2014-15 and ₹ 1771.20 Crore in the year 2015-16 registering a growth of 14.17%, 0.63% and a negative growth of (-) 16.56% and (-) 17.61% was observed during the years 2011-12 to 2015-16 respectively.

# ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR DDA, DJB INCLUDING STATE AUTONOMOUS BODIES:

❖ Gross Fixed Capital Formation of Quasi-Local Self Government including State Autonomous Institutions was amounted to ₹ 4364.65 Crore in the year 2011-12, which has decreased to ₹ 4120.38 Crore in the year 2012-13, ₹ 3975.67 Crore in the

year 2013-14 ,₹ 3826.13 Crore during 2014-15 and 4206.07 Crore during 2015-16 thereby registering a deflation of (-) 5.60%, (-) 3.51% and (-) 3.76% & 9.93% respectively.

## ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR NON-DEPARTMENTAL ENTERPRISES:

❖ Gross Fixed Capital Formation of Non-Departmental Enterprises was amounted to ₹ 2553.38 Crore in the year 2011-12, which has decreased to ₹ 1043.34 Crore in the year 2012-13, ₹ 807.25 Crore in the year 2013-14, further decreased to ₹ 610.82 Crore during 2014-15 & ₹ 635.27 Crore in the year 2015-16 registering a decreased of (-) 59.14%, (-) 22.63% and (-) 24.33 & 4.00%respectively.

## ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR SUPRA-REGIONAL SECTORS:

\* Supra Regional Sectors (Central Government Administration, Railways, Communication & Services Related to Broadcasting and Financial Services) is the highest contributor in Delhi State Public Sector GFCF which tuned upto ₹ 7315.55 Crore in the year 2011-12 and further increased to ₹ 8489.52 Crore in the year 2012-13, ₹ 12864.77 Crore in the year 2013-14, ₹ 15322.70 Crore in the year 2014-15 & ₹ 17556.68 Crore in the year 2015-16. Thus, supra regional sector recorded the growth by 16.05%, 51.54% 19.11% & 14.58% respectively with respect to its preceding years (w.e.f 2012-13 to 2015-16).

#### **CENTRAL GOVERNMENT ADMINISTRATION:**

- Central Govt. Administration's contribution in GFCF of Delhi for the year 2011-12 was ₹ 3075.46 Crore, ₹ 3465.53 Crore in the year 2012-13, ₹ 6724.46 Crore in the year 2013-14, ₹ 6709.63 Crore during the year 2014-15 & ₹ 6018.72 Crore during the year 2015-16.In terms of percentage, growth during the year 2012-13 was 12.68% and growth during the year 2013-14 was 94.04% which has decreased by (-) 0.22% during the year 2014-15 & has further declined by (-) 10.30% during the year 2015-16.
- At National level, the GFCF estimates for Public Administration for the year 2011-12 was ₹ 246730.00 Crore and it has escalated to ₹ 269015.00 Crore in the year 2012-13. During the years 2013-14, 2014-15 and 2015-16, it was estimated as ₹ 308965.00 Crore, ₹ 346363.00 Crore and ₹ 381732.00 Crore respectively. In terms of percentage, the escalation in GFCF estimates was recorded as 9.03% during 2012-13, 14.85% during the year 2013-14, 12.10% during the year 2014-15 & 10.21% during the year 2015-16 over the previous year.

#### **RAILWAYS:**

The contribution of railway in compilation of GFCF of Delhi for the year 2011-12 was ₹ 3196.27 Crore and it has increased to ₹ 3931.14 Crore in the year 2012-13, ₹ 4749.69 Crore for the year 2013-14, ₹ 7476.08 Crore for the year 2014-15 whereas for the year 2015-16,

it was recorded at ₹ 9374.31 Crore. In terms of percentage, the increase was 22.99% during 2012-13, 20.82% during 2013-14, 57.40% during 2014-15 and 25.39% during 2015-16 over the previous year.

At National level, the GFCF estimates for Railways for the year 2011-12 was ₹ 28941.00 Crore and it has increased to ₹ 32369.00 Crore in the year 2012-13, for the year 2013-14 was ₹ 36386.00 Crore, for the year 2014-15 was at ₹ 45230.00 Crore while for 2015-16 it was estimated at ₹ 51164.00 Crore. In terms of percentage, the increase was 11.84% during 2012-13, 12.41% during 2013-14, 24.31% during 2014-15 and 13.12% during 2015-16 over the previous year.

#### COMMUNICATION & SERVICES RELATED TO BROADCASTING:

The contribution of Communication and Services relating to Broadcasting Sector in compilation GFCF of Delhi for the year 2011-12 tunned upto ₹741.70 Crore which has decreased to ₹532.56 Crore in the year 2012-13, while it again increased to ₹600.82 Crore in the year 2013-14 and further decreased to ₹435.45 Crore in the year 2014-15 and as per latest findings it has again increased to ₹1320.00 Crore in the year 2015-16. In terms of percentage, the decline was (-) 28.20% during 2012-13, the increase was 12.82% during 2013-14, the decrease was (-) 27.52% during 2014-15 & the increase was 203.13% during 2015-16 over the previous year. The value of

contribution of Communication and Services relating to Broadcasting Sector in estimation of GFCF of Delhi, reflects a waveform structure with increase and decrease in values are crest and trough of wave.

At National level. the GFCF estimates for Public Communication and Services relating to Broadcasting Sector for the year 2011-12 was ₹ 4331.00 Crore and it has decreased to ₹ 3731.00 Crore in the year 2012-13, it was further decreased to ₹ 3671.00 Crore in the year 2013-14 while for the year 2014-15, it has increased to ₹ 4090.00 Crore and again it has increased to ₹ 4498.00 Crore in the year 2015-16. In terms of percentage, the decrease of (-) 13.85% during 2012-13, (-) 1.61 % during 2013-14, the increase of 11.41% during 2014-15 and further it has increase of 9.98% during 2015-16 over the previous year.

#### FINANCIAL SERVICES:

Financial Services Sector's contribution in GFCF of Delhi for the year 2011-12 was ₹ 302.12 Crore and it has increased to ₹ 560.29 Crore in the year 2012-13, and ₹ 789.80 Crore in the year 2013-14, However, it has decreased to ₹ 701.54 Crore in the year 2014-15 whereas it again increased to ₹ 843.65 Crore during 2015-16. Moreover, in terms of percentage, the increase was 85.45% during 2012-13, 40.96% during 2013-14,

the decrease was (-) 11.17% during 2014-15 and 20.26% during 2015-16 over the previous year.

- At National level, the GFCF estimates for Financial Services for the year 2011-12 was ₹ 8428.00 Crore and it has increased to ₹ 9857.00 Crore in the year 2012-13, ₹ 13490.00 Crore in the year 2013-14,it has decreased ₹ 11679.00 Crore in the year 2014-15 whereas for the year 2015-16, it has increased at ₹ 12362.00 Crore. In terms of percentage, the increase was 16.96% during 2012-13, 36.86% during 2013-14, during 2014-15 the decrease was (-) 13.42 and it has increase to 5.85% during 2015-16 over the previous year.
- During 2015-16 GFCF of public sector in Delhi was recorded as ₹ 28948.34 Crore as compared to ₹ 1009258.00 Crore at National level. In case of Delhi, Dwellings, Other Buildings and Structures Activity contributes for ₹ 22010.88 Crore (76.04%) as compared to ₹ 635172.00 Crore (62.93%) at National level in the Capital Formation while the contribution of Machinery & Equipment was ₹ 6706.80 Crore (23.17%) and ₹ 293347.00 Crore (29.07%) in Delhi and All India respectively. It may be noted that during 2011-12 to 2015-16 the major chunk of the Capital Formation were in the form of Construction of Dwellings, Other Buildings and Structures Activity in Delhi as well as at National level.



he growth of the productive capacity of the economy of the State depends on its rate of capital accumulation and it is assessed by estimating the Capital Formation of that State. The higher the rate of growth of Capital Formation, higher would be the productive capacity of the economy, whereas its paucity leads to the low level of production with higher cost. Thus, Capital Formation serves as a very important indicator in measuring the magnitude of growth of productive potential of the economy.

The estimates of Gross Capital Formation consist of Gross Fixed Capital Formation and changes in stock of raw materials, semi-finished and finished goods. However, Gross Fixed Capital Formation (GFCF) which excludes changes in stock is a better indicator than Gross Capital Formation (GCF) as changes in stock are subject to more fluctuations. The present report on the estimates of Gross Fixed Capital Formation cover Public Sector only as flow of data from Private Corporate and Household Sector at State level is not satisfactory. Accordingly, the broad area of coverage includes the following departments:-

- Administrative Departments of Central Govt., Supra-Regional Sectors
   Railways, Communications and Services related to Broadcasting,
   Financial Services.
- 2. Administrative Departments of NCT of Delhi including Departmental Enterprises (DEs).

- Local Bodies Municipal Corporations of Delhi (East DMC, South DMC
   North DMC), New Delhi Municipal Council and Delhi Cantonment
   Board.
- 4. Quasi Local Self Government i.e. Delhi Jal Board, Delhi Development Authority and other Autonomous Bodies of NCT of Delhi.
- 5. Central / State Non-Departmental Enterprises (NDEs).

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he present chapter focuses over different concepts and methodology adopted while preparation of this report.

#### **DOMESTIC CAPITAL FORMATION**

The United Nations Statistical Office has defined Domestic Capital Formation as "that part of the country's output and imports, which is not consumed or exported during the accounting period but set aside as additions to its stocks of capital goods. All goods produced for use in future productive process, such as machinery and equipment, plants, buildings and other construction works and producer's stocks of raw material, semi-finished & finished goods are called Capital Goods.

#### **GROSS CAPITAL FORMATION**

In the System of National Accounts (SNA), Gross Capital Formation (GCF) is one of the principal components of final expenditures, typically accounting for around 20% of GDP. It includes Gross Fixed Capital Formation and changes in stock. Mathematically, it is defined in SNA as: Gross Fixed Capital Formation, consisting of acquisitions less disposals of new or second-hand tangible fixed assets, major improvements to existing fixed or natural assets, including land and acquisitions less disposals of intangible fixed assets (plus) Changes in inventories(plus) Acquisitions less disposals of valuables equals Gross Capital Formation

#### **GROSS FIXED CAPITAL FORMATION**

Gross Fixed Capital Formation (GFCF) is the largest component of total Gross Capital Formation. Further, it is measured by the total value of a producer's acquisition, less disposal, of fixed assets during the accounting period plus certain additions to the value of non-produced assets realized by the productive activity of institutional units. Fixed assets are tangible or intangible assets produced as output from process of production that are themselves used repeatedly or continuously in other processes or production for more than one year.

#### **ASSETS**

Assets, as defined in the system, are entities that must be owned by some unit or units and from which economic benefits are derived by their owner(s) by holding or using them over a period of time. Every economic asset must function as a store of value that depends upon the amounts of the economic benefits that its owner can derive by holding it or using it. With regards to the classification of assets, the 1993 SNA distinguishes at the first level of the classification between non-financial assets and financial assets. Within non-financial assets it distinguishes between produced and non-produced assets and within each of these between tangible and intangible assets. Produced assets are defined as non-financial assets that have come into existence as output from processes that fall within the production assets such as mineral exploration, computer software, entertainment, literary or artistic originals etc. Non-produced assets are defined as non-financial assets that have come into existence in ways other

than the process of production. This includes tangible non-produced assets like land, sub-soil assets etc., and intangible non-produced assets like patented entities, leases and other transferable contracts, purchased good will and other intangible non-produced assets.

#### **SOURCES OF DATA**

In case of Public Sector Administrative Departments and Departmental Enterprises, the source of data is based on Central / State Govt. budget documents and analysis of annual accounts for Non-Departmental Enterprises. In case of Local bodies and Quasi Local Self Govt., the source of data is their budget documents / annual accounts. For NDEs & Supra-Regional Sectors (namely, Railways, Communications, Banking & Insurance, Central Administration) and other Central Departmental Enterprises, data are provided by the CSO.

#### **METHODOLOGY FOR PREPARING ESTIMATES OF GFCF**

Theoretically the estimates of Capital Formation can be prepared by following any of the three approaches listed below:-

- Production or Commodity Flow approach: In this approach, the
  estimates can be prepared on the basis of availability of
  commodities used in Capital Formation by type of assets i.e.
  construction and machinery & equipments.
- Savings and Flow of funds approach: In this approach, the
  estimates can be prepared on the basis of finances available for
  capital formation i.e. saving and flow of funds from other States
  and rest of the world.

3. **Expenditure approach**: In this approach, the expenditure incurred in types of assets namely construction and machinery is estimated by industry of use and the GFCF estimates can be arriving at.

At National level, estimates are prepared by following all the above approaches whereas in case of State level, the estimates can be prepared by following expenditure approach as the other two approaches are not feasible at present. Similarly, the estimates of changes in stock cannot be prepared at State level due to non-availability of data and open boundaries of the States. As suggested by CSO, the States should, therefore, initially concentrate their efforts to prepare GFCF estimates. RAC has also recommended the same. The estimates for Public Sector are prepared by analyzing budget documents and annual reports of Public Sector enterprises.

Estimates of Gross Fixed Capital Formation of Administrative Departments of Delhi Govt. and Local Bodies are prepared by adopting the expenditure approach on the basis of budget analysis by type of assets and industry of use.

1. By Type of Assets: GFCF refers to gross addition of fixed assets in stock during the accounting year. GFCF estimates in the new series (i.e. with base year 2011-12) are compiled for four broad categories of assets as per System of National Accounts, 2008. These categories are:

- I. Dwellings, Other Buildings & Structures:
- II. Machinery & Equipments;
- III. Cultivated Biological Resources; and
- IV. Intellectual Property Products.

2. By Type of Assets and Industry of Use: For the purpose of estimation of GFCF, the whole economy of the state has been divided into eleven (11) sectors in conformity with the procedure followed at the National level to estimate the GFCF estimates. Estimates of GFCF by type of assets and industry of use are compiled as per the following industry groups:

Sl. No.	INDUSTRY
1.	Agriculture, Forestry & Fishing
2.	Mining & Quarrying
Α	Primary (1+2)
3.	Manufacturing
4.	Electricity, Gas, Water Supply & other Utility Services
5.	Construction
В	Secondary (3+4+5)
6.	Trade, Hotels & Restaurants
7.	Transport, Storage & Communication
8.	Financial Services
9.	Real Estate, Ownership of Dwellings & Professional Services
10.	Public Administration
11.	Other Services
С	Tertiary (6 to 11)

**DEPARTMENTAL ENTERPRISES:** Estimates of GFCF of Departmental Enterprises of the Government are to be prepared as per the following industry groups:

- 1. Agriculture (Irrigation)
- 2. Forests

**NON-DEPARTMENTAL ENTERPRISES:** GFCF comprises of expenditure during the year on residential and non-residential buildings, other constructions, machinery and equipments, transport equipments and capital work in progress. In other words, GFCF refers to aggregate of gross addition to the fixed assets in stock fewer disposals during a period of account.

#### **TYPE OF INSTITUTIONS**

Under type of Institution, public and private sectors are considered separately for estimation of GFCF. Here, an attempt has been made to prepare the estimates of GFCF for the public sector. Public sector consists of Administrative Departments, Departmental Enterprises, Non-Departmental Enterprises, Local Bodies, Quasi Local Self Govt. of Central / State Government.

State / Central Government Administrative Departments comprises
Government Departments and their offices whose function is to organize for
the community, but not normally to sell those common services which
cannot otherwise economically be provided.

The Departmental Enterprises (DEs) are incorporated enterprises owned, controlled and run directly by public authorities. These Undertakings normally do not hold or manage financial assets and liabilities

apart from their working balances and business accounts payables and receivables. These undertakings charge for the goods and services they provide on commercial basis.

Non-Departmental Enterprises are those which produce goods and services for sales etc. They are government companies in which the State / Central Government holds not less that 51 per cent of the paid up share capital and statutory corporations set up under special enactments of the Legislature / Parliament.

The estimates of GFCF have been prepared for the following "TYPES OF ASSETS"

#### I. DWELLINGS, OTHER BUILDINGS & STRUCTURES:

*Dwelling (BOR)*: Dwellings are buildings, or designated parts of buildings, that are used entirely or primarily as residences, including any associated structures, such as garages, and all permanent fixtures customarily installed in residences.

Examples of Dwelling: Residential buildings for communities, Retirement Homes (Old Age Home), Hostels, Orphanage, Houseboats, Mobile Homes and Caravans (used as principal residences of households not for commercial purpose).

Buildings other than Dwelling (BONR): It includes whole buildings or parts of buildings not designated as dwellings. Fixtures, facilities and equipment that are integral parts of the structures are included. For new buildings, costs of site clearance and preparation are included.

Examples of Buildings other than Dwelling (BONR): Warehouse, Commercial Buildings, Hotel, Restaurants, School, Hospitals, Prison, Industrial Building, Library, Rest House etc.

Other Structure (CO): Other structures include all the structures other than buildings. For e.g. Waterways, Harbor, Dams, canals, Flood control works, water channel drainage system, play ground, swimming pools, ponds, gas pipe lines, cable lines, atomic research.

Land Improvements (LI): Land improvements are the result of actions that lead to major improvements in the quantity, quality or productivity of land, or prevent its deterioration. It includes expenditure on following activities: Land clearance, land contouring, creation of wells, watering holes etc.

**Roads and Bridges** (RO): It includes all the expenditure done on the construction of roads and bridges. Examples: highway, streets, roads, railway and airfield runway, bridges, elevated highway, tunnel, subways, foot over bridge, culverts etc.

#### **II. MACHINERY & EQUIPMENT**

ICT EQUIPMENT (ICT): Information, computer and telecommunications (ICT) equipment consists of devices using electronic controls and also the electronic components forming part of these devices. In practice, ICT equipment pertains mostly to computer hardware and telecommunication

equipment. An example is expenditure on mobile phones, fax machines, radio communication, internet, wireless, electronic printers etc.

OTHER MACHINERY AND EQUIPMENT (MO): Other machinery and equipment consists of machinery and equipment not elsewhere classified. It includes for e.g. power generating machinery, furniture and fixtures, stone crusher, boilers, office equipment, medical appliances, optical instruments, nuclear reactors, electrical machinery and equipment etc. Tools that are inexpensive and purchased at relatively steady rate such as hand tools are excluded.

**TRANSPORT EQUIPMENT (TRO):** Transport equipment consists of equipment for moving people and objects. It includes for e.g. motor vehicles, trailers and semi-trailers; ships; railway and tramway locomotives and rolling stock; aircraft and spacecraft; and motorcycles, bicycles, etc.

#### **III. CULTIVATED BIOLOGICAL RESOURCES:**

ANIMAL RESOURCES YIELDING REPEAT PRODUCTS (ASO): It covers animals whose natural growth and regeneration are under the direct control, responsibility and management of institutional units. They include breeding stocks, dairy cattle, sheep or other animals used for wool production and animals used for transportation, racing or entertainment. Animals raised for slaughter, including poultry, are not fixed assets but inventories.

TREE, CROP AND PLANT RESOURCES YIELDING REPEAT PRODUCTS (CAO):

They include trees (including vines and shrubs) cultivated for fruits and nuts, for sap and resin and for bark and leaf products.

Trees grown for timber that yield a finished product once only when they are ultimately felled are not fixed assets, just as cereals or vegetables that produce only a single crop when they are harvested cannot be fixed assets.

#### **IV. INTELLECTUAL PROPERTY PRODUCTS:**

Computer Software (SO): It consists of computer programs, program descriptions and supporting materials for both systems and applications software and database. It includes both the initial development and subsequent extensions of software as well as acquisition of copies that are classified as assets.



### CHAPTER - 3 BRIEF ANALYSIS OF FINDINGS

expenditure recorded in Annual reports of different public sector organizations. Fixed assets have been classified by type of assets, industry of use and also by type of institution. Industry of use indicates sectors/sub-sectors of the economy. By type of institution means Central / State Administration Departments, Departmental Enterprises, Non-Departmental Enterprises, Local bodies, Quasi Local self Government and Supra-Regional Sectors. Fixed assets are broadly classified under four categories viz. I. Dwellings, Other Buildings & Structures; II. Machinery & Equipments; II. Cultivated Biological Resources; and IV. Intellectual Property Products as per new base year 2011-12.

#### ESTIMATED TOTAL PUBLIC SECTOR GFCF IN DELHI AND AT NATIONAL LEVEL:

The estimates of Gross Fixed Capital Formation in Public Sector of Delhi as well as for all India for the year 2011-12 to 2015-16 are given in Statement 3.1. GFCF of Delhi for Public Sector for the year 2011-12 was ₹ 19428.99 Crore while it has decreased to ₹ 19311.22 Crore in the year 2012-13. It has increased to ₹24532.78 Crore in the year 2013-14 & it has increased to ₹ 26308.90 Crore in the year 2014-15. In terms of percentage the decline is found to be (-) 0.61% for the year 2012-13, it has increased to be 27.04% for the year 2012-13 & it has increased to be 7.24% for the year 2014-15. Estimated GFCF during the year 2015-16 was ₹ 28948.34 Crore with a growth of 10.03% over previous year. At National level, GFCF of Public Sector for the year 2011-12 was ₹ 641260 Crore while it has increased to ₹ 698031 Crore in the year 2012-13, in terms of percentage the increase is found to be 8.85%. It has increased to ₹ 796950 Crore in the year 2013-14, in terms of percentage the increase is found to be 14.17%. GFCF for the year 2014-15 was ₹ 872482 Crore while it has increased by 9.48 % over previous year. Whereas, Estimated GFCF during the year 2015-16 was ₹ 1009258 Crore registered a growth rate of 15.68% over previous year.

## Statement 3.1: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION IN DELHI AND ALL INDIA (PUBLIC SECTOR)

(At Current Prices) (₹ Crore)

Sl.	I	2011	1-12	2012	-13	201	3-14	2014	l-15	2015-16	
No.	Industry	DELHI	ALL INDIA								
1.	Agriculture, Forestry & Fishing	0.07	35576	0.03	39617	0.04	40467	0.31	47004	0.05	52197
2.	Mining & Quarrying	0.00	44664	0.00	49254	0.00	73300	0.00	48373	0.00	40367
A	Primary (1+2)	0.07	80240	0.03	88871	0.04	113766	0.31	95377	0.05	92564
3.	Manufacturing	0.00	49251	0.03	45941	0.05	50762	0.05	50930	0.02	57061
4.	Electricity, Gas, Water Supply & other Utility Services	4277.58	152365	2882.71	167247	2628.67	174839	2608.70	223861	2542.33	287903
5.	Construction	205.33	29042	655.50	33191	0.20	43802	5.08	41914	2.90	64866
В	Secondary (3+4+5)	4482.91	230659	3538.24	246380	2628.92	269403	2613.83	316704	2545.25	409831
6.	Trade, Hotels & Restaurants	12.86	494	37.21	520	71.57	741	-27.82	1021	-13.45	824
7.	Transport, Storage & Communicatio	3968.57	46040	4488.56	50631	5358.45	50459	7912.72	59555	10695.04	60698
8.	Financial Services	302.12	8428	560.29	9857	789.80	13489	701.54	11678	843.65	12362
9.	Real Estate, Ownership of Dwellings & Professional Services	0.00	161	0.00	259	0.00	154	0.00	294	0.00	281
10	Public Administration	9192.43	246730	8543.80	269015	14031.75	308965	13272.17	346363	13128.36	381732
11	Other Services	1470.03	28510	2143.09	32497	1652.25	39972	1836.15	41489	1749.44	50966
С	Tertiary (6 to 11)	14946.01	330363	15772.95	362781	21903.82	413781	23694.76	460401	26403.04	506863
Т	OTAL GFCF (A+B+C)	19428.99	641260	19311.22	698031	24532.78	796950	26308.90	872482	28948.34	1009258

<sup>\*</sup>Totals may not tally due to rounding off.

## Statement 3.2: INDUSTRY WISE GROWTH OF GROSS FIXED CAPITAL FORMATION IN DELHI AND ALL INDIA (PUBLIC SECTOR)

(At Current Prices) (In %)

G1 N	Industry	2011-12		2012-13		2013-14		2014-15		2015-16	
l. No.		DELHI	ALL INDI	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA
1.	Agriculture, Forestry & Fishing	0.00	0.00	-57.14	11.36	33.33	2.14	675.00	16.16	-83.87	11.05
2.	Mining & Quarrying	0.00	0.00	0.00	10.28	0.00	48.82	0.00	-34.01	0.00	-16.55
A	Primary (1+2)	0.00	0.00	-57.14	10.76	33.33	28.01	675.00	-16.16	-83.87	-2.95
3.	Manufacturing	0.00	0.00	0.00	-6.72	66.67	10.49	0.00	0.33	-60.00	12.04
4.	Electricity, Gas, Water Supply & other Utility Services	0.00	0.00	-32.61	9.77	-8.81	4.54	-0.76	28.04	-2.54	28.61
5.	Construction	0.00	0.00	219.24	14.29	-99.97	31.97	2440.00	-4.31	-42.91	54.76
В	Secondary (3+4+5)	0.00	0.00	-21.07	6.82	-25.70	9.34	-0.57	17.56	-2.62	29.41
6.	Trade, Hotels & Restaurants	0.00	0.00	189.35	5.47	92.34	42.42	-138.87	37.60	-51.65	-19.29
7.	Transport, Storage & Communicatio	0.00	0.00	13.10	9.97	19.38	-0.34	47.67	18.03	35.16	1.92
8.	Financial Services	0.00	0.00	85.45	16.96	40.96	36.86	-11.17	-13.42	20.26	5.85
9.	Real Estate, Ownership of Dwellings & Professional Services	0.00	0.00	0.00	60.87	0.00	-40.54	0.00	90.91	0.00	-4.42
10.	Public Administration	0.00	0.00	-7.06	9.03	64.23	14.85	-5.41	12.10	-1.08	10.21
11.	Other Services	0.00	0.00	45.79	13.98	-22.90	23.00	11.13	3.80	-4.72	22.84
С	Tertiary (6 to 11)	0.00	0.00	5.53	9.81	38.87	14.06	8.18	11.27	11.43	10.09
T(	OTAL GFCF (A+B+C)	0.00	0.00	-0.61	8.85	27.04	14.17	7.24	9.48	10.03	15.68

It may be seen from the Statement 3.2 that during 2015-16, a negative growth in GFCF for Primary Sector in Delhi was (-) 83.87% as compared to (-) 2.95% at National level. For Secondary Sector, a negative growth rate of (-) 2.62% was observed as compared to 29.41% growth at National level. For Tertiary Sector, a growth of 11.43% was registered in Delhi whereas at National level GFCF, it was 10.09% during the year 2015-16.

#### INDUSTRY WISE DISTRIBUTION OF GFCF OF DELHI AND ALL INDIA (PUBLIC SECTOR):

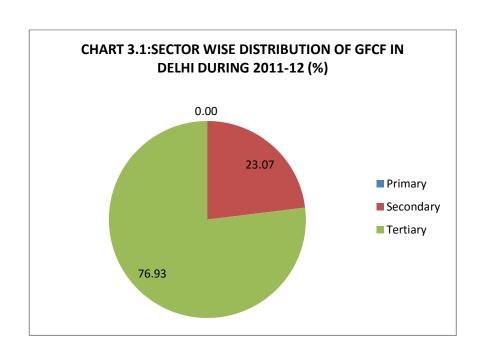
It may be seen from the Statement 3.3 that the contribution of Primary Sector in Public Sector GFCF is found to be negligible during 2015-16 as compared to 9.17% contribution at National level. For Secondary Sector, the contribution of Delhi was 8.79% whereas at National level, it was recorded at 40.61%. Tertiary Sector contributed 91.21% in Delhi as compared to 50.22% at National level. The overall view of sectoral composition of GFCF of Delhi and All India during 2011-12 to 2015-16 has been depicted in the graphic representation (Chart 3.1 to 3.10):-

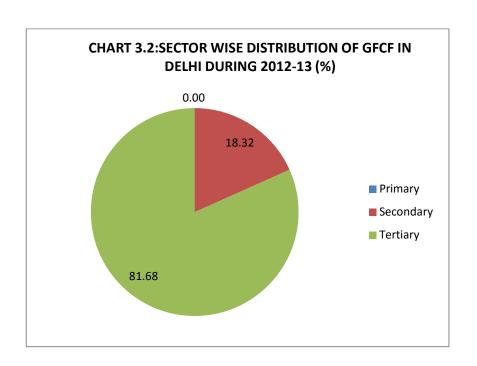
# Statement 3.3: INDUSTRY WISE DISTRIBUTION OF GROSS FIXED CAPITAL FORMATION IN DELHI AND ALL INDIA (PUBLIC SECTOR)

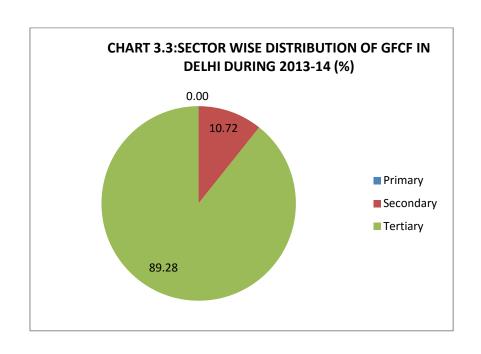
(At Current Prices) (In %)

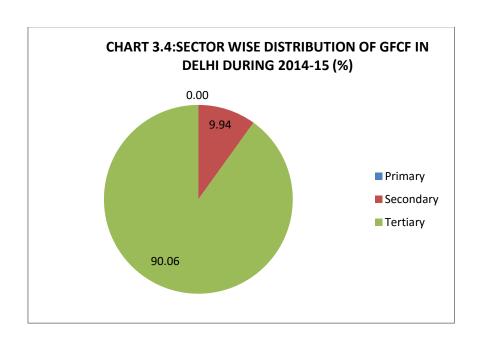
		201		2012-13		2013-14		2014-15		2015-16	
Sl. No.	Industry	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA
1.	Agriculture, Forestry & Fishing	0.00	5.55	0.00	5.68	0.00	5.08	0.00	5.39	0.00	5.17
2.	Mining & Quarrying	0.00	6.97	0.00	7.06	0.00	9.20	0.00	5.54	0.00	4.00
A	Primary (1+2)	0.00	12.51	0.00	12.73	0.00	14.28	0.00	10.93	0.00	9.17
3.	Manufacturing	0.00	7.68	0.00	6.58	0.00	6.37	0.00	5.84	0.00	5.65
4.	Electricity, Gas, Water Supply & other Utility Services	22.02	23.76	14.93	23.96	10.71	21.94	9.92	25.66	8.78	28.53
5.	Construction	1.06	4.53	3.39	4.75	0.00	5.50	0.02	4.80	0.01	6.43
В	Secondary (3+4+5)	23.07	35.97	18.32	35.30	10.72	33.80	9.94	36.30	8.79	40.61
6.	Trade, Hotels & Restaurants	0.07	0.08	0.19	0.07	0.29	0.09	-0.11	0.12	-0.05	0.08
7.	Transport, Storage & Communication	20.43	7.18	23.24	7.25	21.84	6.33	30.08	6.83	36.95	6.01
8.	Financial Services	1.55	1.31	2.90	1.41	3.22	1.69	2.67	1.34	2.91	1.22
9.	Real Estate, Ownership of Dwellings & Professional Services	0.00	0.03	0.00	0.04	0.00	0.02	0.00	0.03	0.00	0.03
10.	Public Administration	47.31	38.48	44.24	38.54	57.20	38.77	50.45	39.70	45.35	37.82
11.	Other Services	7.57	4.45	11.10	4.66	6.73	5.02	6.98	4.76	6.04	5.05
С	Tertiary (6 to 11)	76.93	51.52	81.68	51.97	89.28	51.92	90.06	52.77	91.21	50.22
тот	CAL GFCF (A+B+C)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

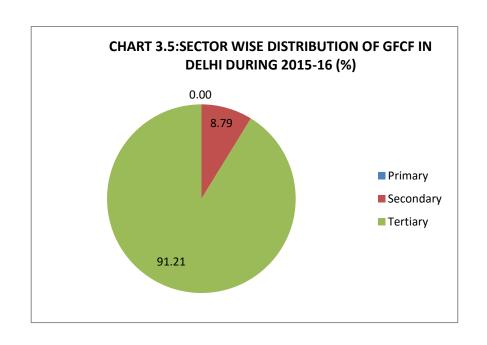
<sup>\*</sup> Totals may not tally due to rounding off.

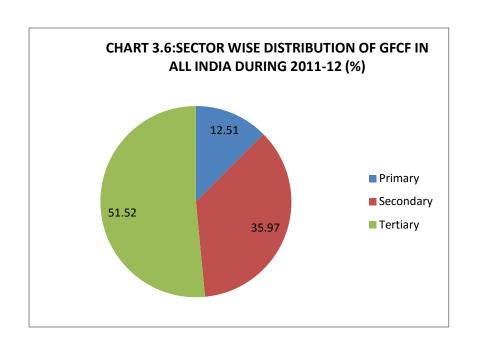


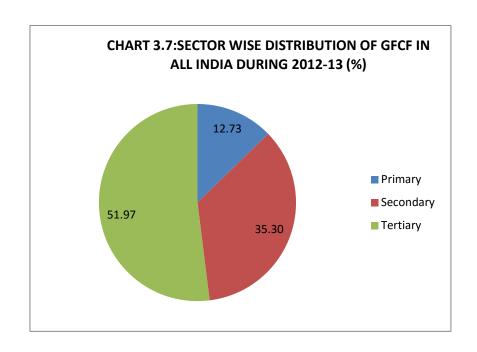


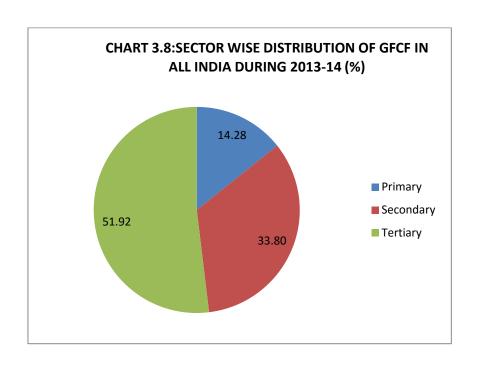


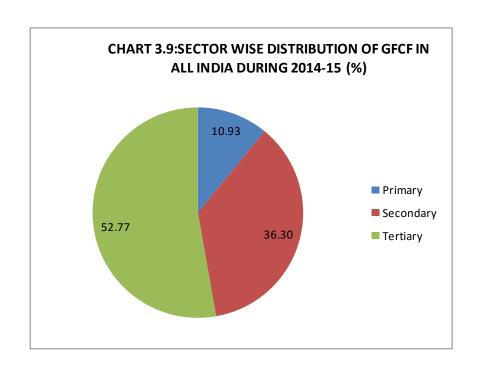


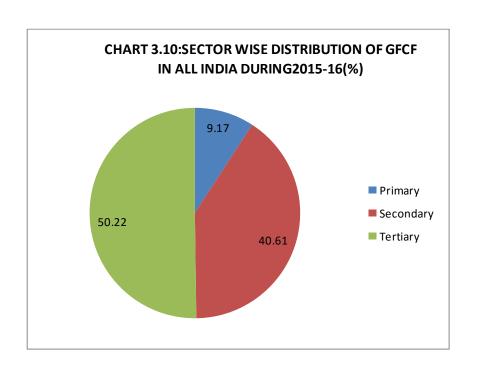












### RATIO OF GFCF OF DELHI TO NATIONAL LEVEL GFCF (PUBLIC SECTOR):

### Statement 3.4: RATIO OF GROSS FIXED CAPITAL FORMATION OF DELHI TO ALL INDIA GFCF (PUBLIC SECTOR)

(At Current Prices) (In %)

Sl.	Industry	2011-12		2012-13		2013-14		201	4-15	201	2015-16	
No.	industry	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	
1.	GFCF (PUBLIC SECTOR) (₹ Crore)	19428.99	641260.00	19311.22	698031.00	24532.78	796950.00	26308.90	872482.00	28948.34	1009258.00	
2.	GFCF DELHI TO ALL INDIA GFCF RATIO (%)	3.03		2.77		3.08		3.02		2.	.87	

The ratio of Public Sector GFCF of Delhi to National level Public Sector GFCF has been estimated at 3.03% during 2011-12, while the share of Public Sector GFCF of Delhi to National level Public Sector GFCF was 2.77% during the year 2012-13, 3.08% during the year 2013-14 and 3.02% during the year 2014-15 & 2.87% during the year 2015-16.

### RATIO OF GFCF TO GDP/ GSDP:

### Statement 3.5: GROSS FIXED CAPITAL FORMATION TO GDP/GSDP RATIO IN DELHI AND ALL INDIA (PUBLIC SECTOR)

(At Current Prices) (In %)

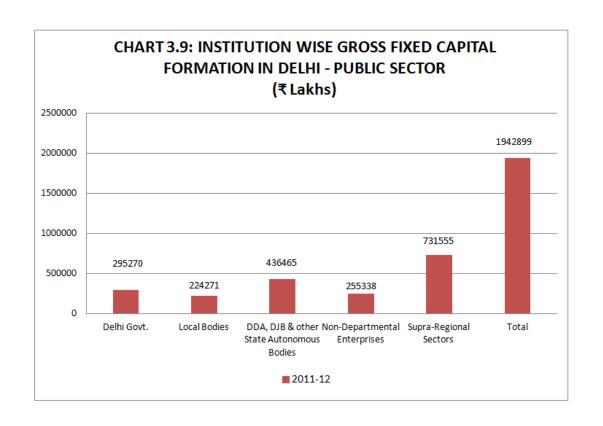
Sl.	Industry	201	1-12	2012-13		201	13-14	201	14-15	201	5-16
No.	industry	DELHI	ALL INDIA								
1.	GFCF (PUBLIC SECTOR) (₹ Crore)	19428.99	641262.00	19311.22	698032.00	24532.78	796950.00	26308.90	872482.00	28948.34	1009258.00
2.	GDP/GSDP (₹ Crore)	343797.50	8736329.00	391387.64	9944013.00	443959.89	11233522.00	494803.02	12467959.00	550803.70	13771874.00
3.	GFCF TO GDP/GSDP RATIO (%)	5.65	7.34	4.93	7.02	5.53	7.09	5.32	7.00	5.26	7.33

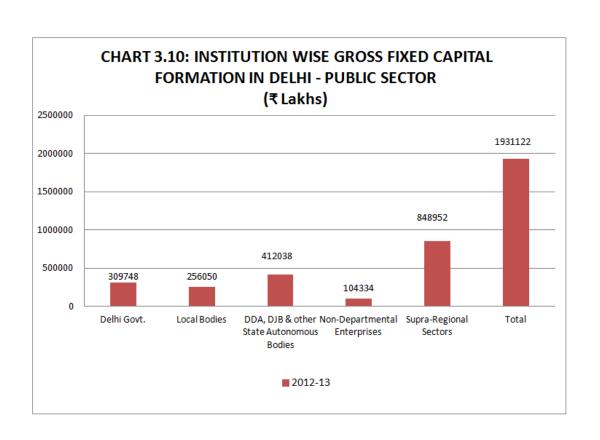
It is evident from the Statement 3.5 that ratio of Public sector GFCF of Delhi to GSDP has been estimated at 5.65% during 2011-12, 4.93% during the year 2012-13, 5.53% during the year 2013-14 & 5.32% during the year 2014-15 while at National level, the ratio of Public Sector GFCF to GDP was 7.34% during 2011-12, 7.02% during the year 2012-13, 7.09% during the year 2013-14 & 7.00% during the year 2014-15. During the year 2015-16, the ratio of Public sector GFCF of Delhi to GSDP was 5.26%, whereas at National level, the ratio of Public Sector GFCF to GDP was found to be 7.33%.

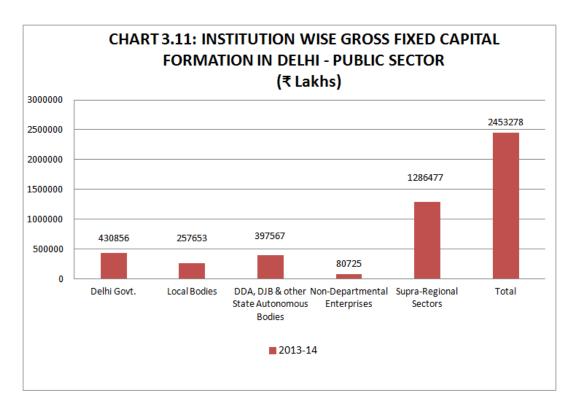
# INSTITUTION WISE ESTIMATES OF GROSS FIXED CAPITAL FORMATION IN DELHI:

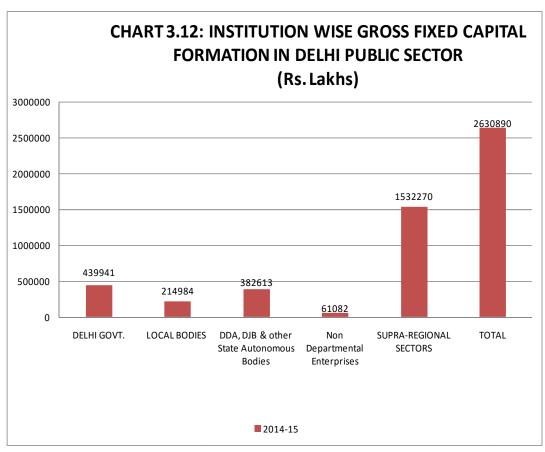
Public Sector in respect of Delhi State comprises with the institutions viz. Administrative Departments of Central Govt., Supra-Regional Sectors – Railways, Communications, Financial Services, Administrative Departments of NCT of Delhi including Departmental Enterprises (DEs), Local Bodies – Municipal Corporations of Delhi (East DMC, South DMC & North DMC), New Delhi Municipal Council and Delhi Cantonment Board, Quasi Local Self Government i.e. Delhi Jal Board, Delhi Development Authority & other Autonomous Bodies of NCT of Delhi and Central / State Non-Departmental Enterprises.

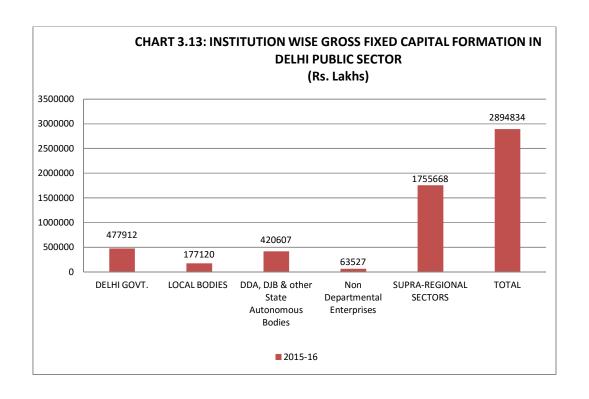
The overall view of institution wise GFCF of Delhi during 2011-12 to 2015-16 has been depicted in the graphic representation (Chart 3.9 to 3.13):-











Statement 3.6: INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR)

(At Current Prices) (₹ Crore)

Sl. No.	Year	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non- Departmental Enterprises	Supra- Regional Sectors	Total
1.	2011-12	2952.70	2242.71	4364.65	2553.38	7315.55	19428.99
2.	2012-13	3097.48	2560.50	4120.38	1043.34	8489.52	19311.22
3.	2013-14	4308.56	2576.53	3975.67	807.25	12864.77	24532.78
4.	2014-15	4399.41	2149.84	3826.13	610.82	15322.70	26308.90
5.	2015-16	4779.12	1771.20	4206.07	635.27	17556.68	28948.34

Statement 3.7: INSTITUTION WISE CONTRIBUTION OF GFCF IN DELHI (PUBLIC SECTOR)

(At Current Prices) (In %)

Sl. No.	Year	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non- Departmental Enterprises	Supra- Regional Sectors	Total
1.	2011-12	15.20	11.54	22.46	13.14	37.65	100.00
2.	2012-13	16.04	13.26	21.34	5.40	43.96	100.00
3.	2013-14	17.56	10.50	16.21	3.29	52.44	100.00
4.	2014-15	16.72	8.17	14.54	2.32	58. 24	100.00
5.	2015-16	16.51	6.12	14.53	2.19	60.65	100.00

<sup>\*</sup> Totals may not tally due to rounding off.

It is evident from the Statements 3.6 and 3.7 that out of total GFCF of ₹ 28948.34 Crore, Supra-Regional Sectors was the highest contributor with ₹ 17556.68 Crore (60.65%), followed by Delhi Govt. with ₹ 4779.12 Crore (16.51%), DDA, DJB & other State Autonomous Bodies with ₹ 4206.07 Crore (14.53%), Local Bodies with ₹ 1771.20 Crore (6.12%) and Non-Departmental Enterprises with ₹ 635.27 Crore (2.19%) during 2015-16. Institution wise detailed analysis may be seen in the following paragraphs:

### ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR DELHI GOVERNMENT:

The estimates of Gross Fixed Capital Formation (GFCF) in respect of State Government are prepared by analyzing the budget Documents (Demand for Grants) of Delhi Govt. so as to cull out the extent of industrywise GFCF.

Gross Fixed Capital Formation of State Govt. including State DEs was amounted to ₹ 2952.70 Crore in the year 2011-12, which has increased to ₹ 3097.48 Crore in the year 2012-13, ₹ 4308.56 Crore in the year 2013-14, ₹ 4399.41 Crore in the year 2014-15 & ₹ 4779.12 Crore in the year 2015-16 registering a growth of 4.90%, 39.10%, 2.11% & 8.63% respectively.

#### ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR LOCAL BODIES:

The estimates of Gross Fixed Capital Formation (GFCF) in respect of Local Bodies are prepared by analyzing the budget Documents of three MCDs, NDMC and Annual Accounts of DCB so as to cull out the extent of industry-wise GFCF.

Gross Fixed Capital Formation of Local Bodies including DEs was amounted to ₹ 2242.71 Crore in the year 2011-12, which has increased to ₹ 2560.50 Crore in the year 2012-13, ₹ 2576.53 Crore in the year 2013-14, ₹ 2149.84 Crore in the year 2014-15 & ₹ 1771.20 Crore in the year 2015-16 registering a growth of 14.17%, 0.63%, (-) 16.56% & (-) 17.61 respectively.

# ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR DDA, DJB INCLUDING STATE AUTONOMOUS BODIES:

The estimates of Gross Fixed Capital Formation (GFCF) in respect of Autonomous Institutions are prepared by analyzing the budget Documents of Delhi Jal Board, Delhi Development Authority and Annual Accounts of State level Autonomous Institutions so as to cull out the extent of industrywise GFCF.

Gross Fixed Capital Formation of Quasi-Local Self Government including State Autonomous Institutions was amounted to ₹ 4364.65 Crore in the year 2011-12, which has decreased to ₹ 4120.38 Crore in the year 2012-13, ₹ 3975.67 Crore in the year 2013-14 , ₹ 3826.13 Crore during 2014-15 & then increased to ₹ 4206.07 Crore during 2015-16 registering a decline of (-) 5.60%, (-) 3.51%, (-) 3.76% & a growth of 9.93% respectively.

## ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR NON-DEPARTMENTAL ENTERPRISES:

The estimates of Gross Fixed capital formation (GFCF) in respect of Non-Departmental Enterprises are prepared by the Central Statistics Office (CSO) by analyzing the Annual Accounts of Centre & State level NDEs so as to cull out the extent of industry-wise GFCF. State Directorates of Economics and Statistics (DESs) have used the same for incorporating in their GFCF estimates. Gross Fixed Capital Formation of Non-Departmental Enterprises was amounted to ₹ 2553.38 Crore in the year 2011-12, which has decreased to ₹ 1043.34 Crore in the year 2012-13, ₹ 807.25 Crore in the year 2013-14 , further decreased to ₹ 610.82 Crore in the year 2014-15 & then increased to ₹ 635.27 Crore in the year 2015-16, registering a decline of (-) 59.14%, (-) 22.63% , (-) 24.33% & a growth of 4.00% respectively.

## ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR SUPRA-REGIONAL SECTORS:

As in the case of State Income estimates, estimates of Gross Fixed Capital Formation (GFCF) in respect of Supra-Regional Sectors are prepared by the Central Statistics Office (CSO) and supplied to State Directorates of Economics and Statistics (DESs) for incorporating the same in their estimates. The GFCF estimates of Supra-Regional Sectors are prepared at current prices only. It includes activities of Central Government Administration, Railways, Communication & Services Related to Broadcasting and Financial Services. The estimates of these Supra-Regional Sectors are compiled for the economy as a whole and allocated to the states on the basis of the relevant indicators.

Supra-Regional Sectors is the highest contributor in Delhi State Public Sector GFCF, which contributed to ₹ 7315.55 Crore in 2011-12 and it has increased to ₹ 8489.52 Crore in 2012-13, ₹ 12864.77 Crore in 2013-14, ₹ 15322.70 Crore in the year 2014-15 & ₹ 17556.68 Crore in the year 2015-16. In terms of percentage, the growth was 16.05%, 51.54%, 19.11% & 14.58% respectively. Sub-Sector wise position may be seen in the following paragraphs:

### **CENTRAL GOVERNMENT ADMINISTRATION:**

The State/UT wise fixed capital expenditure for different type of assets is extracted from 'Demands for Grants' documents received from all Central Govt. Ministries / Departments for each financial year. In the "Works Annexure" of these documents, the probable capital expenditure of the projects costing ₹ 50 lakh and above, by type of assets and location, for the previous year are given.

However, in case of some of the Ministries / Departments, the details are available only for the probable capital expenditure costing ₹ 5 Crores and above. Besides, in these Annexures, a large amount of money is earmarked under the category 'collective all other works', the identification of which by type of assets and location are not available from these documents. In addition to this, (i) the data for capital formation in respect of 'Border Roads Development Boards' meant for North-Eastern States are distributed among North-Eastern States viz., Arunachal Pradesh, Assam, Meghalaya, Nagaland, Mizoram, Manipur and Tripura in proportion to their NVA compiled from the respective State Govt. Budgets; (ii) the additional capital formation data for Union Territories is also obtained from Home Ministry's Demands for Grants, and (iii) the data relating to Coast Guard Ships/Vessels. Defence Wireless, Machinery for Para Military Forces, Ocean Development, and Satellites etc. is un-allocable data and remains undistributed among the states. The remaining amount of fixed capital formation for central government administration [i.e. Total – (I) – (II) – (III)] has been distributed among all States / UTs in the ratios of the state-wise amount of fixed capital formation extracted from the available Works Annexure of all Ministries / Departments as detailed in previous paragraph.

Central Govt. Administration's contribution in GFCF for the year 2011-12 was ₹ 3075.46 Crore, ₹ 3465.53 Crore in the year 2012-13, ₹ 6724.46 Crore in the year 2013-14 , ₹ 6709.63 Crore during the year 2014-15 & ₹ 6018.72 Crore during the year 2015-16. In terms of percentage, growth during 2012-13 was 12.68% and growth during 2013-14 was 94.04% ,it has declined by (-) 0.22% during the year 2014-15 & it has declined by (-) 10.30% during the year 2015-16.

At National level, the GFCF estimates for Public Administration for the year 2011-12 was ₹ 246730.00 Crore and it has increased to ₹ 269015.00 Crore in the year 2012-13, for the year 2013-14 it was estimated at ₹ 308965.00 Crore, for the year 2014-15 it was estimated at ₹ 346363.00 Crore while for 2015-16 it was estimated at ₹ 381732.00 Crore. In terms of percentage, the increase was 9.03% during 2012-13, 14.85% during the year 2013-14, 12.10% during the year 2014-15 & 10.21% during the year 2015-16 over the previous year.

#### ❖ RAILWAYS:

This sector covers the activities of the railways including railway workshops and factories and also construction including major repairs undertaken by the railways. The capital expenditure during the year are derived as the difference in the outlays expected up to the end of the current and preceding years given in the publication of Railway Board "Works, Machinery and Rolling Stock Programme of Railways (Detailed Programme)". The estimates of state-wise GFCF are prepared for (a) buildings, (b) constructions, including construction of new lines, doubling of lines, track renewals, cables route, electrification and (c) Machinery & Equipment including expenditure on computerization, signaling and telecommunication works and other electrical installations. As per the recommendation of the Committee on Regional Accounts (RAC), the rolling stock of the railways is not allocated to the states. The expenditure on buildings, construction and machinery & equipment is distributed among various states on the basis of the location of projects mentioned in the source documents. However, the expenditure on new lines, track renewals and other items of machinery is allocated to different states on the basis of section-wise data given in the source documents. If a section covers more

than one state, the allocation to different states is done on the basis of new lines, track renewal and other items of machinery falling within the concerned states. This is done on the basis of railway map of India. The difference between the National level GFCF (excluding rolling stock) and the estimates prepared by the above method is allocated on the pro-rata basis.

Railways contribution in GFCF of Delhi for the year 2011-12 was ₹ 3196.27 Crore and it has increased to ₹ 3931.14 Crore in the year 2012-13, ₹ 4749.69 Crore for the year 2013-14, ₹ 7476.08 Crore for the year 2014-15 whereas for the year 2015-16, it was recorded at ₹ 9374.31 Crore. In terms of percentage, the increase was 22.99% during 2012-13, 20.82% during 2013-14, 57.40% during 2014-15 and 25.39% during 2015-16 over the previous year.

At National level, the GFCF estimates for Railways for the year 2011-12 was ₹ 28941.00 Crore and it has increased to ₹ 32369.00 Crore in the year 2012-13, for the year 2013-14 was ₹ 36386.00 Crore, for the year 2014-15 was at ₹ 45230.00 Crore while for 2015-16 it was estimated at ₹ 51164.00 Crore. In terms of percentage, the increase was 11.84% during 2012-13, 12.41% during 2013-14, 24.31% during 2014-15 and 13.12% during 2015-16 over the previous year.

### ❖ COMMUNICATION & SERVICES RELATED TO BROADCASTING:

This sector covers the activities of Post & Telecommunication. The source of data for Posts is Department of Posts and for telecommunication—Department of Telecommunication, BSNL and MTNL.

For posts & telecom, circle-wise data on capital expenditure in respect of building, construction and machinery & equipment during the year is obtained from Department of Post. Postal circles are generally

coterminous with the states. Where circle comprises of more than one state, capital expenditure is allocated among different States / UTs using the number of Post offices in different States / UTs within that circle. The All-India capital expenditure for post & telecom is distributed among states in the ratio of capital expenditure among states as compiled above. For BSNL, circle wise data for capital expenditure is obtained separately for construction and machinery from BSNL, New Delhi. All India capital expenditure of BSNL is distributed among circles in the ratio of circle-wise capital expenditure. Where circle comprises of more than one state, capital expenditure is allocated among different States / UTs within that circle in the ratio of Telecom / BSNL Plan Investment. For MTNL, total GFCF is allocated in states in the proportion of actual state wise capital expenditure obtained from MTNL, New Delhi.

Communication and Services relating to Broadcasting Sector's contribution in GFCF of Delhi for the year 2011-12 was ₹ 741.70 Crore and it has decreased to ₹ 532.56 Crore in the year 2012-13, while it has increased to ₹ 600.82 Crore in the year 2013-14 and it has decreased to ₹ 435.45 Crore in the year 2014-15 & while it has increased to ₹ 1320.00 Crore in the year 2015-16. In terms of percentage, the decline was (-) 28.20% during 2012-13, the increase was 12.82% during 2013-14, the decrease was (-) 27.52% during 2014-15 & the increase was 203.13% during 2015-16 over the previous year.

At National level, the GFCF estimates for Public Communication and Services relating to Broadcasting Sector for the year 2011-12 was ₹ 4331.00 Crore and it has decreased to ₹ 3731.00 Crore in the year 2012-13, it was further decreased to ₹ 3671.00 Crore in the year 2013-14 while for the year 2014-15, it has increased to ₹ 4090.00 Crore and it was

further increased to ₹ 4498.00 Crore in the year 2015-16. In terms of percentage, the decrease was (-) 13.85% during 2012-13, (-) 1.61 % during 2013-14, the increase was 11.41% during 2014-15 and the increase was 9.98% during 2015-16 over the previous year.

#### FINANCIAL SERVICES:

The state wise estimates of GFCF from Banking and Insurance sector are discussed below:-

- (a) Public & Private Sector Banks: State wise data on construction and machinery & equipment of public banks are collected from these banks through correspondence. In order to complete the coverage, the fixed capital expenditure of private banks has been distributed on the prorate basis of state wise data of the public banks and the GFCF of non-responding public banks has been distributed on the basis of the state wise number of branches of the particular bank.
- (b) Financial Investment Companies (FIC): All India estimates of FIC, including all non-banking non-government companies, are distributed in

The proportion of state wise data on paid up capital as received from Ministry of Corporate Affairs.

(c) Central/State Finance Companies: The state wise estimates on Construction and Machinery & Equipment of Central Finance Companies i.e., REC, HUDCO, LIC Housing, PFC, FCI, EPFO, and others are added to the data received from State Finance Companies to obtain the consolidated state wise estimates.

- (d) State Financial Corporation: Estimates of GFCF from State Financial Corporation are being compiled from annual reports of these corporations directly.
- (e) Insurance Corporations: State wise data on Construction and Machinery & Equipment of Public Sector Insurance Corporations are collected from these Corporations through correspondence. In case of non-response, the fixed capital expenditure is distributed on the basis of the State-wise number of employees.
- (f) Other Sub-Sectors: These sub-sectors include Banking Department of RBI, Regional Rural Banks, Cooperative Credit Societies (including Cooperative banks, Grain Banks, etc) and Central Financial Corporations. Data in respect of Regional Rural Banks and Cooperative Credit Societies are supplied by NABARD. For others, the estimates are based on the state wise data on construction and Machinery & Equipment made available by the respective institutions.

Banking & Insurance Sector's contribution in GFCF of Delhi for the year 2011-12 was ₹ 302.12 Crore and it has increased to ₹ 560.29 Crore in the year 2012-13, ₹ 789.80 Crore in the year 2013-14, it has decreased to ₹ 701.54 Crore in the year 2014-15 whereas for the year 2015-16 it was recorded at ₹ 843.65 Crore. In terms of percentage, the increase was 85.45% during 2012-13, 40.96% during 2013-14, the decrease was (-) 11.17% during 2014-15 and a growth of 20.26% during 2015-16 over the previous year.

At National level, the GFCF estimates for Financial Services for the year 2011-12 was ₹ 8428.00 Crore and it has increased to ₹ 9857.00 Crore in the year 2012-13, ₹ 13490.00 Crore in the year 2013-14, ₹ 11679.00 Crore in the year 2014-15 whereas for the year 2015-16, it has increased at ₹ 12362.00 Crore. In terms of percentage, the increase was 16.96% during 2012-13, 36.86% during 2013-14, the decrease was (-) 13.42% during 2014-15 and the increase was 5.85% during 2015-16 over the previous year.



### CHAPTER - 4

GFCF refers to gross addition of fixed assets in stock during the accounting year. GFCF estimates by type of assets in old series (i.e. with base year 2004-05) were compiled for two broad categories i.e. Construction and Machinery & Equipments. However, GFCF estimates in the new series (i.e. with base year 2011-12) are compiled for four broad categories of assets as per System of National Accounts, 2008. These categories are:

- I. Dwellings, Other Buildings & Structures:
- II. Machinery & Equipments;
- III. Cultivated Biological Resources; and
- IV. Intellectual Property Products.

A comprehensive overview of Gross Fixed Capital Formation of Delhi (Public Sector) and All India by type of Assets from the year 2011-12 to 2015-16 has been depicted in the following statements and graphic presentation:-

Statement 4.1: ASSETS WISE GROSS FIXED CAPITAL FORMATION IN DELHI AND ALL INDIA

(At Current Prices) (₹ Crore)

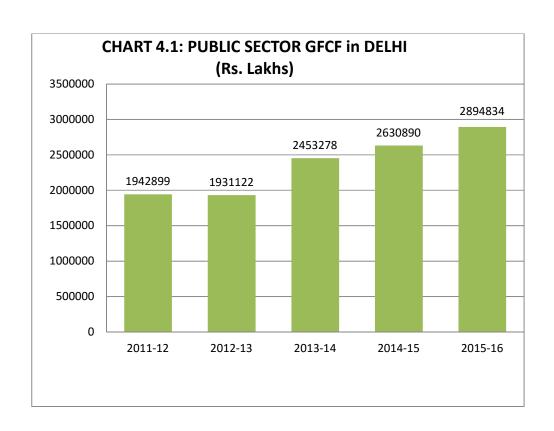
Sl.		201	1-12	201	2-13	201	13-14	201	4-15	20	15-16
No.	Industry	DELHI	ALL INDIA								
1.	Dwellings, Other Buildings and Structures	11667.02	360197.00	13959.47	407769.00	18659.22	447067.00	20470.03	530793.00	22010.88	635172.00
2.	Machinery & Equipment	7020.44	241801.00	5063.24	243009.00	5495.58	281828.00	5542.85	294487.00	6706.80	293347.00
3.	Cultivated Biological Resources	11.83	375.00	24.28	563.00	4.90	431.00	5.76	264.00	7.73	466.00
4.	Intellectual Property Products	729.70	38889.00	264.23	46691.00	373.08	67624.00	290.26	46938.00	222.93	80273.00
5.	GFCF (PUBLIC SECTOR)	19428.99	641260.00	19311.22	698031.00	24532.78	796950.00	26308.90	872482.00	28948.34	1009258.00

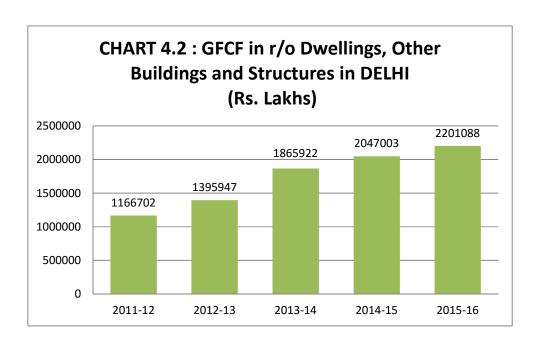
### Statement 4.2: ASSETS WISE DISTRIBUTION OF GROSS FIXED CAPITAL FORMATION IN DELHI AND ALL INDIA

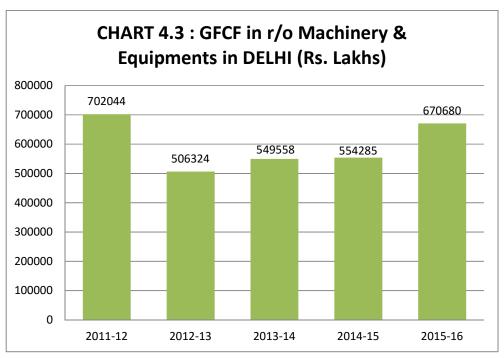
(At Current Prices) (In %)

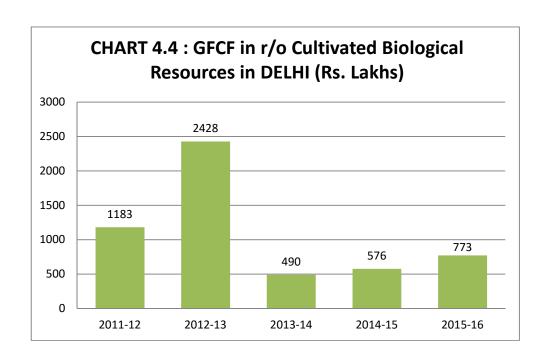
Sl.		201	1-12	201	2-13	201	3-14	201	4-15	2015	-16
No.	Industry	DELHI	ALL INDIA								
1.	Dwellings, Other Buildings and Structures	60.05	56.17	72.29	58.42	76.06	56.10	77.81	60.84	76.04	62.93
2.	Machinery & Equipment	36.13	37.71	26.22	34.81	22.40	35.36	21.07	33.75	23.17	29.07
3.	Cultivated Biological Resources	0.06	0.06	0.13	0.08	0.02	0.05	0.02	0.03	0.03	0.05
4.	Intellectual Property Products	3.76	6.06	1.37	6.69	1.52	8.49	1.10	5.38	0.77	7.95
5.	GFCF (PUBLIC SECTOR)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

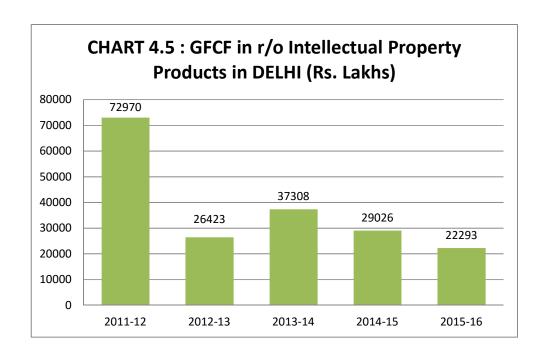
<sup>\*</sup> Totals may not tally due to rounding off.











It may be seen from the Statements 4.1 & 4.2 that during 2011-12, GFCF of public sector in Delhi was ₹ 19428.99 Crore as compared to ₹ 641262.00 Crore at National level. In case of Delhi, Dwellings, Other Buildings and Structures Activity contributed for ₹ 11667.02 Crore (60.05%) as compared to ₹ 360197.00 Crore (56.17%) at National level in the Capital Formation while the contribution of Machinery & Equipment was ₹ 7020.44 Crore (36.13%) and ₹ 241801.00 Crore (37.71%) in Delhi and All India respectively. It may be noted that the major chunk of the Capital Formation is in the form of Construction of Dwellings, Other Buildings and Structures Activity in Delhi as well as at All India level.

Statements 4.1 & 4.2 reveals that during 2012-13, GFCF of Public Sector in Delhi was recorded as ₹ 19311.22 Crore as compared to ₹ 698032.00 Crore at National level. In case of Delhi, Dwellings, Other Buildings and Structures Activity contributed for ₹ 13959.47 Crore (72.29%) as compared to ₹ 407769.00 Crore (58.42%) at National level in the Capital Formation while the contribution of Machinery & Equipment was ₹ 5063.24 Crore (26.22%) and ₹ 243009.00 Crore (34.81%) in Delhi and all India respectively. It may be noted that during 2012-13 also, the major chunk of the Capital Formation is in the form of Construction of Dwellings, Other Buildings and Structures Activity in Delhi as well as at All India level.

Statements 4.1 & 4.2 reveals that during 2013-14 GFCF of Public Sector in Delhi was recorded as ₹ 24532.78 Crore as compared to ₹ 796950.00 Crore at National level. In case of Delhi, Dwellings, Other Buildings and Structures Activity contributes for ₹ 18659.22 Crore (76.06%) as compared to ₹ 447067.00 Crore (56.10%) at National level in the Capital

Formation while the contribution of Machinery & Equipment was ₹ 5495.58 Crore (22.40%) and ₹ 281828.00 Crore (35.36%) in Delhi and all India respectively. It may be noted that during 2013-14 also the major chunk of the Capital Formation is in the form of Construction of Dwellings, Other Buildings and Structures Activity in Delhi as well as at All India level.

Statements 4.1 and 4.2 reveals that during 2014-15 GFCF of public sector in Delhi was recorded as ₹ 26308.90 Crore as compared to ₹ 872482.00 Crore at National level. In case of Delhi, Dwellings, Other Buildings and Structures Activity contributes for ₹ 20470.03 Crore (77.81%) as compared to ₹ 530793.00 Crore (60.84%) at National level in the Capital Formation while the contribution of Machinery & Equipment was ₹ 5542.85 Crore (21.07%) and ₹ 294487.00 Crore (33.75%) in Delhi and All India respectively. It may be noted that during 2014-15 also, the major chunk of the Capital Formation is in the form of Construction of Dwellings, Other Buildings and Structures Activity in Delhi as well as at All India level.

Statements 4.1 and 4.2 reveals that during 2015-16 GFCF of public sector in Delhi was recorded as ₹ 28948.34 Crore as compared to ₹ 1009258.00 Crore at National level. In case of Delhi, Dwellings, Other Buildings and Structures Activity contributes for ₹ 22010.88 Crore (76.04%) as compared to ₹ 635172.00 Crore (62.93%) at National level in the Capital Formation while the contribution of Machinery & Equipment was ₹ 6706.80 Crore (23.17%) and ₹ 293347.00 Crore (29.07%) in Delhi and All India respectively. It may be noted that during 2015-16 also, the major chunk of the Capital Formation is in the form of Construction of Dwellings, Other Buildings and Structures Activity in Delhi as well as at All India level.



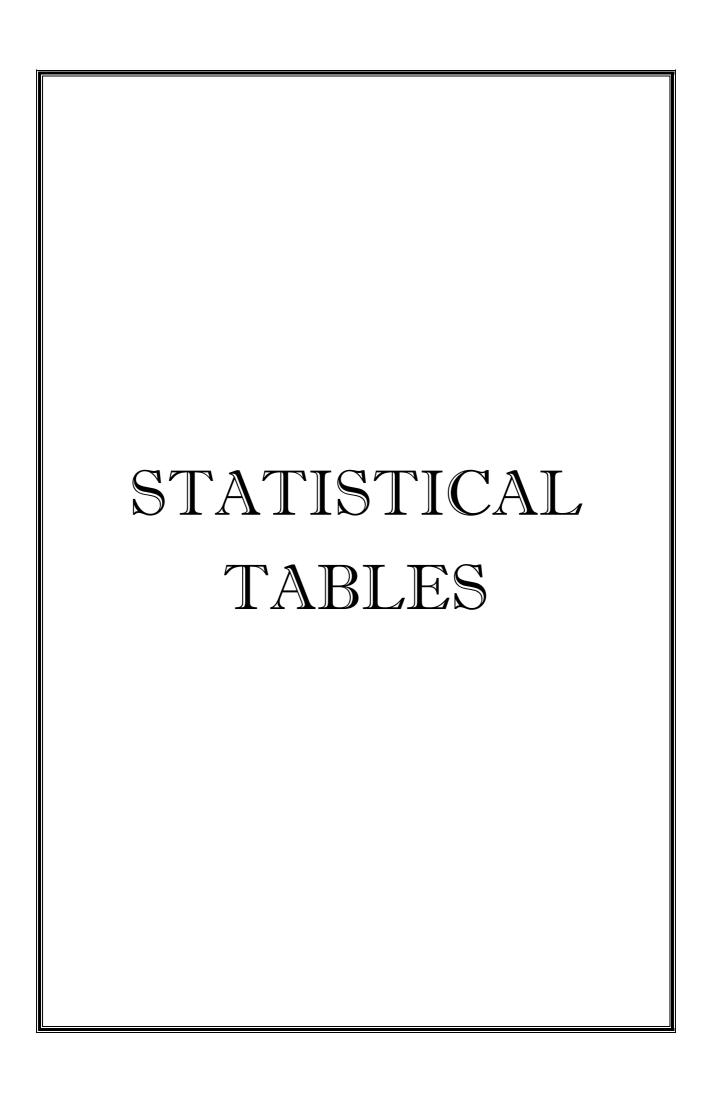


Table 1.1: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	7	3	4	31	5
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	7	3	4	31	5
3.	Manufacturing	0	3	5	5	2
4.	Electricity, Gas, Water Supply & other Utility Services	427758	288271	262867	260870	254233
5.	Construction	20533	65550	20	508	290
В	Secondary (3+4+5)	448291	353824	262892	261383	254525
6.	Trade, Hotels & Restaurants	1286	3721	7157	-2782	-1345
7.	Transport, Storage & Communication	396857	448856	535845	791272	1069504
8.	Financial Services	30212	56029	78980	70154	84365
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	919243	854380	1403175	1327217	1312836
11.	Other Services	147003	214309	165225	183615	174944
С	Tertiary (6 to 11)	1494601	1577295	2190382	2369476	2640304
	TOTAL GFCF (A+B+C)	1942899	1931122	2453278	2630890	2894834

Table 1.2: INDUSTRY WISE GROWTH OF GFCF IN DELHI (PUBLIC SECTOR)

(At Current Prices) (%)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	-57.14	33.33	675.00	-83.87
2.	Mining & Quarrying	0	0.00	0.00	0.00	0.00
A	Primary (1+2)	0	-57.14	33.33	675.00	-83.87
3.	Manufacturing	0	0.00	66.67	0.00	-60.00
4.	Electricity, Gas, Water Supply & other Utility Services	0	-32.61	-8.81	-0.76	-2.54
5.	Construction	0	219.24	-99.97	2440.00	-42.91
В	Secondary (3+4+5)	0	-21.07	-25.70	-0.57	-2.62
6.	Trade, Hotels & Restaurants	0	189.35	92.34	-138.87	-51.65
7.	Transport, Storage & Communication	0	13.10	19.38	47.67	35.16
8.	Financial Services	0	85.45	40.96	-11.17	20.26
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0.00	0.00	0.00	0.00
10.	Public Administration	0	-7.06	64.23	-5.41	-1.08
11.	Other Services	0	45.79	-22.90	11.13	-4.72
С	Tertiary (6 to 11)	0	5.53	38.87	8.18	11.43
	TOTAL GFCF (A+B+C)	0	-0.61	27.04	7.24	10.03

Table 1.3: INDUSTRY WISE DISTRIBUTION OF GFCF IN DELHI (PUBLIC SECTOR)

(At Current Prices) (%)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0.00	0.00	0.00	0.00	0.00
2.	Mining & Quarrying	0.00	0.00	0.00	0.00	0.00
A	Primary (1+2)	0.00	0.00	0.00	0.00	0.00
3.	Manufacturing	0.00	0.00	0.00	0.00	0.00
4.	Electricity, Gas, Water Supply & other Utility Services	22.02	14.93	10.71	9.92	8.78
5.	Construction	1.06	3.39	0.00	0.02	0.01
В	Secondary (3+4+5)	23.07	18.32	10.72	9.94	8.79
6.	Trade, Hotels & Restaurants	0.07	0.19	0.29	-0.11	-0.05
7.	Transport, Storage & Communication	20.43	23.24	21.84	30.08	36.95
8.	Financial Services	1.55	2.90	3.22	2.67	2.91
9.	Real Estate, Ownership of Dwellings & Professional Services	0.00	0.00	0.00	0.00	0.00
10.	Public Administration	47.31	44.24	57.20	50.45	45.35
11.	Other Services	7.57	11.10	6.73	6.98	6.04
C	Tertiary (6 to 11)	76.93	81.68	89.28	90.06	91.21
	TOTAL GFCF (A+B+C)	100.00	100.00	100.00	100.00	100.00

Table 2.1: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2011-12

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1.	Agriculture, Forestry & Fishing	5	2	0	0	7
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	5	2	0	0	7
3.	Manufacturing	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services	150545	221265	0	55948	427758
5.	Construction	20040	493	0	0	20533
В	Secondary (3+4+5)	170585	221758	0	55948	448291
6.	Trade, Hotels & Restaurants	1298	39	0	-51	1286
7.	Transport, Storage & Communication	214486	181745	0	626	396857
8.	Financial Services	7958	21680	0	574	30212
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	680868	222624	1103	14648	919243
11.	Other Services	91502	54196	80	1225	147003
С	Tertiary (6 to 11)	996112	480284	1183	17022	1494601
	TOTAL GFCF (A+B+C)	1166702	702044	1183	72970	1942899

Table 2.2: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2012-13

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1.	Agriculture, Forestry & Fishing	3	0	0	0	3
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	3	0	0	0	3
3.	Manufacturing	0	3	0	0	3
4.	Electricity, Gas, Water Supply & other Utility Services	178452	108630	0	1189	288271
5.	Construction	65548	2	0	0	65550
В	Secondary (3+4+5)	244000	108635	0	1189	353824
6.	Trade, Hotels & Restaurants	3284	394	0	43	3721
7.	Transport, Storage & Communication	269436	178720	0	700	448856
8.	Financial Services	11562	42483	0	1984	56029
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	742753	89347	2406	19874	854380
11.	Other Services	124909	86745	22	2633	214309
С	Tertiary (6 to 11)	1151944	397689	2428	25234	1577295
	TOTAL GFCF (A+B+C)	1395947	506324	2428	26423	1931122

Table 2.3: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2013-14

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1.	Agriculture, Forestry & Fishing	3	1	0	0	4
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	3	1	0	0	4
3.	Manufacturing	0	4	0	1	5
4.	Electricity, Gas, Water Supply & other Utility Services	181474	80934	0	459	262867
5.	Construction	0	20	0	0	20
В	Secondary (3+4+5)	181474	80958	0	460	262892
6.	Trade, Hotels & Restaurants	6758	372	24	3	7157
7.	Transport, Storage & Communication	335944	198613	0	1288	535845
8.	Financial Services	21943	54982	0	2055	78980
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	1187664	182788	466	32257	1403175
11.	Other Services	132136	31844	0	1245	165225
C	Tertiary (6 to 11)	1684445	468599	490	36848	2190382
	TOTAL GFCF (A+B+C)	1865922	549558	490	37308	2453278

Table 2.4: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2014-15

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1.	Agriculture, Forestry & Fishing	30	1	0	0	31
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	30	1	0	0	31
3.	Manufacturing	0	4	0	1	5
4.	Electricity, Gas, Water Supply & other Utility Services	207386	53420	0	64	260870
5.	Construction	506	2	0	0	508
В	Secondary (3+4+5)	207892	53426	0	65	261383
6.	Trade, Hotels & Restaurants	1638	-4294	-132	6	-2782
7.	Transport, Storage & Communication	510327	279688	0	1257	791272
8.	Financial Services	11221	57185	0	1748	70154
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	1151675	152351	671	22520	1327217
11.	Other Services	163352	16226	0	4037	183615
С	Tertiary (6 to 11)	1838213	501156	539	29568	2369476
	TOTAL GFCF (A+B+C)	2046135	554583	539	29633	2630890

Table 2.5: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) – 2015-16

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1.	Agriculture, Forestry & Fishing	5	0	0	0	5
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	5	0	0	0	5
3.	Manufacturing	0	2	0	0	2
4.	Electricity, Gas, Water Supply & other Utility Services	223005	29873	0	1355	254233
5.	Construction	289	1	0	0	290
В	Secondary (3+4+5)	223294	29876	0	1355	254525
6.	Trade, Hotels & Restaurants	-1233	-115	3	0	-1345
7.	Transport, Storage & Communication	622258	444293	0	2953	1069504
8.	Financial Services	25886	56705	0	1774	84365
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	1167951	123152	966	20767	1312836
11.	Other Services	159049	15667	0	228	174944
C	Tertiary (6 to 11)	1973911	639702	969	25722	2640304
	TOTAL GFCF (A+B+C)	2197210	669578	969	27077	2894834

Table 3.1: INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2011-12

Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non- Departmental Enterprises	Supra- Regional Sectors	Total
1.	Agriculture, Forestry & Fishing	7	0	0	0	0	7
2.	Mining & Quarrying	0	0	0	0	0	0
A	Primary (1+2)	7	0	0	0	0	7
3.	Manufacturing	0	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services	0	45989	130777	250992	0	427758
5.	Construction	475	0	20058	0	0	20533
В	Secondary (3+4+5)	475	45989	150835	250992	0	448291
6.	Trade, Hotels & Restaurants	0	0	0	1286	0	1286
7.	Transport, Storage & Communication	0	0	0	3060	393797	396857
8.	Financial Services	0	0	0	0	30212	30212
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0
10.	Public Administration	233946	151999	225752	0	307546	919243
11.	Other Services	60842	26283	59878	0	0	147003
C	Tertiary (6 to 11)	294788	178282	285630	4346	731555	1494601
	TOTAL GFCF (A+B+C)	295270	224271	436465	255338	731555	1942899

Table 3.2: INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2012-13

Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non- Departmental Enterprises	Supra- Regional Sectors	Total
1.	Agriculture, Forestry & Fishing	3	0	0	0	0	3
2.	Mining & Quarrying	0	0	0	0	0	0
A	Primary (1+2)	3	0	0	0	0	3
3.	Manufacturing	0	0	0	3	0	3
4.	Electricity, Gas, Water Supply & other Utility Services	0	49358	140789	98124	0	288271
5.	Construction	2	0	65548	0	0	65550
В	Secondary (3+4+5)	2	49358	206337	98127	0	353824
6.	Trade, Hotels & Restaurants	0	0	0	3721	0	3721
7.	Transport, Storage & Communication	0	0	0	2486	446370	448856
8.	Financial Services	0	0	0	0	56029	56029
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0
10.	Public Administration	237324	172264	98239	0	346553	854380
11.	Other Services	72419	34428	107462	0	0	214309
C	Tertiary (6 to 11)	309743	206692	205701	6207	848952	1577295
	TOTAL GFCF (A+B+C)	309748	256050	412038	104334	848952	1931122

Table 3.3: INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2013-14

Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non- Departmental Enterprises	Supra- Regional Sectors	Total
1.	Agriculture, Forestry & Fishing	4	0	0	0	0	4
2.	Mining & Quarrying	0	0	0	0	0	0
A	Primary (1+2)	4	0	0	0	0	4
3.	Manufacturing	0	0	0	5	0	5
4.	Electricity, Gas, Water Supply & other Utility Services	0	33697	156401	72769	0	262867
5.	Construction	2	1	17	0	0	20
В	Secondary (3+4+5)	2	33698	156418	72774	0	262892
6.	Trade, Hotels & Restaurants	0	0	0	7157	0	7157
7.	Transport, Storage & Communication	0	0	0	794	535051	535845
8.	Financial Services	0	0	0	0	78980	78980
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0
10.	Public Administration	336123	178639	215967	0	672446	1403175
11.	Other Services	94727	45316	25182	0	0	165225
C	Tertiary (6 to 11)	430850	223955	241149	7951	1286477	2190382
	TOTAL GFCF (A+B+C)	430856	257653	397567	80725	1286477	2453278

Table 3.4: INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2014-15

Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non- Departmental Enterprises	Supra- Regional Sectors	Total
1.	Agriculture, Forestry & Fishing	31	0	0	0	0	31
2.	Mining & Quarrying	0	0	0	0	0	0
A	Primary (1+2)	31	0	0	0	0	31
3.	Manufacturing	0	0	0	5	0	5
4.	Electricity, Gas, Water Supply & other Utility Services	0	38228	158902	63740	0	260870
5.	Construction	2	316	190	0	0	508
В	Secondary (3+4+5)	2	38544	159092	63745	0	261383
6.	Trade, Hotels & Restaurants	0	0	0	-2782	0	-2782
7.	Transport, Storage & Communication	0	0	0	119	791153	791272
8.	Financial Services	0	0	0	0	70154	70154
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0
10.	Public Administration	335002	141126	180126	0	670963	1327217
11.	Other Services	104906	35314	43395	0	0	183615
C	Tertiary (6 to 11)	439908	176440	223521	-2663	1532270	2369476
	TOTAL GFCF (A+B+C)	439941	214984	382613	61082	1532270	2630890

Table 3.5: INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) – 2015-16

Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non- Departmental Enterprises	Supra- Regional Sectors	Total
1.	Agriculture, Forestry & Fishing	5	0	0	0	0	5
2.	Mining & Quarrying	0	0	0	0	0	0
A	Primary (1+2)	5	0	0	0	0	5
3.	Manufacturing	0	0	0	2	0	2
4.	Electricity, Gas, Water Supply & other Utility Services	0	43587	145849	64797	0	254233
5.	Construction	1	6	283	0	0	290
В	Secondary (3+4+5)	1	43593	146132	64799	0	254525
6.	Trade, Hotels & Restaurants	0	0	0	-1345	0	-1345
7.	Transport, Storage & Communication	0	0	0	73	1069431	1069504
8.	Financial Services	0	0	0	0	84365	84365
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0
10.	Public Administration	335695	107645	267624	0	601872	1312836
11.	Other Services	142211	25882	6851	0	0	174944
C	Tertiary (6 to 11)	477906	133527	274475	-1272	1755668	2640304
	TOTAL GFCF (A+B+C)	477912	177120	420607	63527	1755668	2894834

Table 4.1: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF DELHI GOVT.

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	7	3	4	31	5
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	7	3	4	31	5
3.	Manufacturing	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services	0	0	0	0	0
5.	Construction	475	2	2	2	1
В	Secondary (3+4+5)	475	2	2	2	1
6.	Trade, Hotels & Restaurants	0	0	0	0	0
7.	Transport, Storage & Communication	0	0	0	0	0
8.	Financial Services	0	0	0	0	0
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	233946	237324	336123	335002	335695
11.	Other Services	60842	72419	94727	104906	142211
C	Tertiary (6 to 11)	294788	309743	430850	439908	477906
	TOTAL GFCF (A+B+C)	295270	309748	430856	439941	477912

Table 4.2: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF NDMC

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	0	0	0	0
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0
3.	Manufacturing	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services	4860	7977	4115	5203	2762
5.	Construction	0	0	0	0	0
В	Secondary (3+4+5)	4860	7977	4115	5203	2762
6.	Trade, Hotels & Restaurants	0	0	0	0	0
7.	Transport, Storage & Communication	0	0	0	0	0
8.	Financial Services	0	0	0	0	0
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	21690	18811	14042	12092	6578
11.	Other Services	504	971	1460	544	539
С	Tertiary (6 to 11)	22194	19782	15502	12636	7117
	TOTAL GFCF (A+B+C)	27054	27759	19617	17839	9879

Table 4.3: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF DCB

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	0	0	0	0
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0
3.	Manufacturing	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services	638	0	0	0	0
5.	Construction	0	0	0	0	0
В	Secondary (3+4+5)	638	0	0	0	0
6.	Trade, Hotels & Restaurants	0	0	0	0	0
7.	Transport, Storage & Communication	0	0	0	0	0
8.	Financial Services	0	0	0	0	0
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	117	1811	1651	403	1952
11.	Other Services	0	72	0	0	339
C	Tertiary (6 to 11)	117	1883	1651	403	2291
	TOTAL GFCF (A+B+C)	755	1883	1651	403	2291

Table 4.4: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF DDA

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	0	0	0	0
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0
3.	Manufacturing	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services	0	0	0	0	0
5.	Construction	20058	65548	17	190	283
В	Secondary (3+4+5)	20058	65548	17	190	283
6.	Trade, Hotels & Restaurants	0	0	0	0	0
7.	Transport, Storage & Communication	0	0	0	0	0
8.	Financial Services	0	0	0	0	0
9.	Real Estate, Ownership of Dwellings & Professional	0	0	0	0	0
10.	Public Administration	224796	97842	181415	149687	236301
11.	Other Services	0	0	0	0	0
С	Tertiary (6 to 11)	224796	97842	181415	149687	236301
	TOTAL GFCF (A+B+C)	244854	163390	181432	149877	236584

Table 4.5: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF DJB

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	0	0	0	0
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0
3.	Manufacturing					
4.	Electricity, Gas, Water Supply & other Utility Services	130777	140789	156401	158902	145849
5.	Construction	0	0	0	0	0
В	Secondary (3+4+5)	130777	140789	156401	158902	145849
6.	Trade, Hotels & Restaurants	0	0	0	0	0
7.	Transport, Storage & Communication	0	0	0	0	0
8.	Financial Services	0	0	0	0	0
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	762	0	0	0	0
11.	Other Services	0	0	0	0	0
С	Tertiary (6 to 11)	762	0	0	0	0
	TOTAL GFCF (A+B+C)	131539	140789	156401	158902	145849

**Table 4.6: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF NDES** 

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	0	0	0	0
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0
3.	Manufacturing	0	3	5	5	2
4.	Electricity, Gas, Water Supply & other Utility Services	250992	98124	72769	63740	64797
5.	Construction	0	0	0	0	0
В	Secondary (3+4+5)	250992	98127	72774	63745	64799
6.	Trade, Hotels & Restaurants	1286	3721	7157	-2782	-1345
7.	Transport, Storage & Communication	3060	2486	794	119	73
8.	Financial Services	0	0	0	0	0
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	0	0	0	0	0
11.	Other Services	0	0	0	0	0
С	Tertiary (6 to 11)	4346	6207	7951	-2663	-1272
	TOTAL GFCF (A+B+C)	255338	104334	80725	61082	63527

Table 4.7: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF STATE AUTONOMOUS INSTITUTIONS

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	0	0	0	0
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0
3.	Manufacturing	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services	0	0	0	0	0
5.	Construction	0	0	0	0	0
В	Secondary (3+4+5)	0	0	0	0	0
6.	Trade, Hotels & Restaurants	0	0	0	0	0
7.	Transport, Storage & Communication	0	0	0	0	0
8.	Financial Services	0	0	0	0	0
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	194	397	34552	30439	31323
11.	Other Services	59878	107462	25182	43395	6851
C	Tertiary (6 to 11)	60072	107859	59734	73834	38174
	TOTAL GFCF (A+B+C)	60072	107859	59734	73834	38174

Table 4.8: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF SUPRA-REGIONAL SECTORS

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	0	0	0	0
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0
3.	Manufacturing	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services	0	0	0	0	0
5.	Construction	0	0	0	0	0
В	Secondary (3+4+5)	0	0	0	0	0
6.	Trade, Hotels & Restaurants	0	0	0	0	0
7.	Transport, Storage & Communication	393797	446370	535051	791153	1069431
8.	Financial Services	30212	56029	78980	70154	84365
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	307546	346553	672446	670963	601872
11.	Other Services	0	0	0	0	0
C	Tertiary (6 to 11)	731555	848952	1286477	1532270	1755668
	TOTAL GFCF (A+B+C)	731555	848952	1286477	1532270	1755668

Table 4.9: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF MCD

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	0	0	0	0
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0
3.	Manufacturing	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services	40491	49358	33697	38228	43587
5.	Construction	0	0	1	316	6
В	Secondary (3+4+5)	40491	49358	33698	38544	43593
6.	Trade, Hotels & Restaurants	0	0	0	0	0
7.	Transport, Storage & Communication	0	0	0	0	0
8.	Financial Services	0	0	0	0	0
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	130192	172264	178639	141126	107645
11.	Other Services	25779	34428	45316	35314	25882
С	Tertiary (6 to 11)	155971	206692	223955	176440	133527
	TOTAL GFCF (A+B+C)	196462	256050	257653	214984	177120

Table 4.9.1: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF NORTH DMC

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	0	0	0	0
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0
3.	Manufacturing	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services	0	13862	19541	21186	20334
5.	Construction	0	0	0	0	0
В	Secondary (3+4+5)	0	13862	19541	21186	20334
6.	Trade, Hotels & Restaurants	0	0	0	0	0
7.	Transport, Storage & Communication	0	0	0	0	0
8.	Financial Services	0	0	0	0	0
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	0	57402	52438	43064	26031
11.	Other Services	0	16553	16917	13523	14994
C	Tertiary (6 to 11)	0	73955	69355	56587	41025
	TOTAL GFCF (A+B+C)	0	87817	88896	77773	61359

Table 4.9.2: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF EAST DMC

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	0	0	0	0
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0
3.	Manufacturing	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services		7306	7367	10862	8
5.	Construction	0	0	1	0	0
В	Secondary (3+4+5)	0	7306	7368	10862	8
6.	Trade, Hotels & Restaurants	0	0	0	0	0
7.	Transport, Storage & Communication	0	0	0	0	0
8.	Financial Services	0	0	0	0	0
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	0	19943	26386	18219	24626
11.	Other Services	0	6972	7463	406	2141
С	Tertiary (6 to 11)	0	26915	33849	18625	26467
	TOTAL GFCF (A+B+C)	0	34221	41217	29487	26775

Table 4.9.3: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF SOUTH DMC

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16
1.	Agriculture, Forestry & Fishing	0	0	0	0	0
2.	Mining & Quarrying	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0
3.	Manufacturing	0	0	0	0	0
4.	Electricity, Gas, Water Supply & other Utility Services	0	20213	2674	977	20483
5.	Construction	0	0	0	316	6
В	Secondary (3+4+5)	0	20213	2674	1293	20489
6.	Trade, Hotels & Restaurants	0	0	0	0	0
7.	Transport, Storage & Communication	0	0	0	0	0
8.	Financial Services	0	0	0	0	0
9.	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0
10.	Public Administration	0	74297	84122	67348	48458
11.	Other Services	0	9860	19476	20841	7869
C	Tertiary (6 to 11)	0	84157	103598	88189	56327
TOTAL GFCF (A+B+C)		0	104370	106272	89482	76816

## **ABBREVIATIONS USED**

GFCF - Gross Fixed Capital Formation

GDP - Gross Domestic Product

GSDP - Gross State Domestic Product

NVA - Net Value Added

NDEs - Non Departmental Enterprises

DEs - Departmental Enterprises

NDMC - New Delhi Municipal Council

MCD - Municipal Corporation of Delhi

DCB - Delhi Cantonment Board

DDA - Delhi Development Authority

DJB - Delhi Jal Board

CSO - Central Statistics Office

RAC - Regional Accounts Committee

Bo - Buildings Outlays

Co - Other Construction

Ro - Roads & Bridges Outlays

Oo - Other Outlays n.e.c.

Tro - Expenditure on Purchase of Transport

Mo - Expenditure on Purchase of Machinery

So - Expenditure on Purchase of Software

Cao - Expenditure on Acquiring Cultivated Assets

Aso - Expenditure on Acquiring Animal Stock