



**GOVERNMENT OF
NATIONAL CAPITAL TERRITORY OF DELHI**

**ESTIMATES OF
GROSS FIXED CAPITAL
FORMATION IN DELHI
(PUBLIC SECTOR)
2022-23**

**DIRECTORATE OF ECONOMICS & STATISTICS
VIKAS BHAWAN - II, 3RD FLOOR, 'B' WING,
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Date



MESSAGE

I am pleased to present the report on the "Estimates of Gross Fixed Capital Formation in Delhi (Public Sector) 2022-23" at current prices (with 2011-12 Base year) brought out by the Directorate of Economics and Statistics, Delhi as per the methodology (revised) adopted by the National Accounts Division, National Statistical Office (NSO), Ministry of Statistics & Programme Implementation, Govt. of India.

Gross Fixed Capital Formation (GFCF) occupies a central place in the study of economic growth, development, and structural transformation. It reflects the process through which an economy builds its productive capacity by investing in fixed assets such as machinery, equipment, infrastructure, buildings, and technology. As such, GFCF serves not only as a statistical measure in national as well as state income accounting, but also as a powerful indicator of an economy's long-term growth potential and productive strength.

An effort has been made to provide a clear and analytical understanding of Gross Fixed Capital Formation in Public sector of Delhi by examining its definition, components, measurement and role within the broader economic framework.

I commend the efforts of the team of the State Income & Capital Formation Units of the Directorate who has worked tirelessly to ensure the data accuracy and consistency to release of this publication. This report was made possible through the technical guidance from the National Accounts Division, Ministry of Statistics and Programme Implementation, Govt of India.

I hope the report will be of immense help to the Policy makers, Planners and Research Scholars interested in the study of Gross Fixed Capital Formation accumulated by the public sector in the economy of Delhi.

(BIPUL PATHAK)

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FOREWORD

Gross Fixed Capital Formation (GFCF) is one of the most significant macroeconomic aggregates used to understand the investment behavior and productive capacity of an economy. Beyond its role as a component of national and state income accounting, GFCF provides crucial empirical evidence on how resources are allocated toward the creation of long-term assets such as buildings, roads, machinery & equipments, transport systems, infrastructure, cultivated biological resources, intellectual property products and technological equipments. The systematic use of GFCF data enables economists and policymakers to assess the strength, direction, and sustainability of economic growth. The Present report on "Estimates of Gross Fixed Capital Formation in Delhi (Public Sector) 2022-23" is brought out by the Directorate of Economics and Statistics, Delhi as per the methodology (revised) adopted by the National Accounts Division, National Statistical Office (NSO), Ministry of Statistics & Programme Implementation, Govt. of India.

I appreciate the sincere efforts made by the team of the State Income & Capital Formation Units of the Directorate who has worked diligently to ensure the data accuracy and consistency to release of this publication. I also extend my gratitude to the National Accounts Division, Ministry of Statistics & Programme Implementation, and Government of India for their technical guidance, providing the requisite data and for their continued support.

I hope the report will serve as a valuable tool for policy making, planning, administrators, researchers and other stakeholders interested in the study of Gross Fixed Capital Formation in r/o Public Sector of the economy of Delhi.

(AZIMUL HAQUE)
SECRETARY(PLANNING)

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P R E F A C E

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) 2022-23" 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, National Statistical 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, Delhi Development Authority & Delhi Jal Board including State Autonomous Institutions and Supra Regional Sectors.

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

The strenuous efforts put in by the team of the State Income and Capital Formation Units of this Directorate is 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 Gross Fixed Capital Formation in r/o Public Sector of the economy of Delhi.

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

DELHI
DECEMBER, 2025


(PREMANANDA PRUSTY)
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EXECUTIVE SUMMARY

ESTIMATES OF GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) 2022 ~ 23

EXECUTIVE SUMMARY

The major findings as emerged out from the analysis of “ESTIMATES OF GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) 2022-23” are summarized below:

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

- ❖ GFCF of Delhi for Public Sector for the year 2022-23 was ₹ 55722.87 Crore as compared to estimated GFCF during the year 2021-22 to the tune of ₹ 48865.16 Crore with a growth of 14.03% over previous year.
- ❖ At National level, GFCF of Public Sector for the year 2022-23 was ₹ 1772919 Crore, as compared to estimated GFCF during the year 2021-22 to the tune of ₹ 1572447 Crore registered a growth rate of 12.75% over previous year.
- ❖ GFCF of Delhi for Public Sector for the year 2011-12 was ₹ 19428.99 Crore which increased to ₹ 55722.87 Crore in 2022-23 registering a growth of 186.80 % in twelve years, while at National level, GFCF increased from ₹ 641260 Crore in 2011-12 to ₹ 1772919 Crore in 2022-23 witnessing a growth rate of 176.47%.

SECTORAL CONTRIBUTION & GROWTH:

- ❖ The contribution of Primary Sector in Public Sector GFCF in Delhi during 2022-23 was 1.10% as compared to 7.01% contribution at National level.
- ❖ For Secondary Sector, the contribution in Public Sector GFCF in Delhi during 2022-23 was 16.23% whereas at National level it was recorded at 34.64%.
- ❖ Tertiary Sector contributed 82.67% in Public Sector GFCF in Delhi during 2022-23 as compared to 58.35% contribution at National level.
- ❖ During 2022-23, decline of 89.54% in GFCF for Primary Sector in Delhi was recorded as compared to decline of 3.50% at National level over the year 2021-22.

- ❖ For Secondary Sector, a growth rate of 13.55% was observed during 2022-23 for Delhi whereas at National level there was a growth of 10.35% over the previous year.
- ❖ For Tertiary Sector, a growth of 31.45% was registered in Delhi for the year 2022-23 whereas at National level GFCF, a growth of 16.61% was recorded over the previous year.

SHARE OF GFCF OF DELHI TO NATIONAL LEVEL GFCF (PUBLIC SECTOR):

- ❖ The share of Public Sector GFCF of Delhi to the National level Public Sector GFCF has been estimated at 3.11% during 2021-22. Moreover, as per latest findings in the report, the share of Public Sector GFCF of Delhi to the National level Public Sector GFCF has been estimated at 3.14% during the year 2022-23.

SHARE OF GFCF TO GDP/GSDP:

- ❖ The share of Public sector GFCF of Delhi to GSDP has been estimated at 5.61% during 2021-22 while at National level the share of Public Sector GFCF to GDP was 6.66%. During the year 2022-23, the share of Public sector GFCF of Delhi to GSDP was 5.57% whereas at National level, the share of Public Sector GFCF to GDP was found to be 6.59%.

ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR DELHI GOVERNMENT:

- ❖ Gross Fixed Capital Formation of State Government including State Departmental Enterprises amounted to ₹ 7907.89 Crore during 2021-22 and increased to ₹ 8111.46 Crore during the year 2022-23 thereby registering a growth of 2.57% over the previous year.

ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR LOCAL BODIES:

- ❖ Gross Fixed Capital Formation of Local Bodies including Departmental Enterprises was ₹ 1574.32 Crore during 2021-22 and ₹ 761.62 Crore during the year 2022-23 registering a decline of 51.62% over the year 2021-22.

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

- ❖ Gross Fixed Capital Formation for DDA, DJB including State Autonomous Institutions was recorded at ₹ 6105.81 Crore in the year 2021-22 and increased to ₹ 6763.36 Crore during 2022-23 exhibits a growth of 10.77% over the year 2021-22.

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

- ❖ Gross Fixed Capital Formation of Non-Departmental Enterprises was observed at ₹ 23322.29 Crore in the year 2021-22 and ₹ 32025.00 Crore in the year 2022-23 resulting in an increase of 37.31% over the year 2021-22.

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

- ❖ Supra-Regional Sectors (comprising of Central Government Administration, Railways, Communication & Services Related to Broadcasting and Financial Services) is one of the major contributor in Delhi State Public Sector GFCF. The contribution was ₹9954.85 Crore in the year 2021-22 which decreased to ₹ 8061.43 Crore in the year 2022-23 thereby registering a negative growth of 19.02% in the year 2022-23 over 2021-22.

CENTRAL GOVERNMENT ADMINISTRATION:

- ❖ Central Govt. Administration's contribution in GFCF of Delhi was ₹ 2336.84 Crore in 2021-22 which increased to ₹ 2547.94 Crore in 2022-23. In terms of percentage, a growth of 9.03% was recorded over 2021-22.

RAILWAYS:

- ❖ The contribution of Railways in compilation of GFCF of Delhi was ₹ 5740.96 Crore in the year 2021-22 which decreased to ₹ 3759.89 Crore in the year 2022-23. In terms of percentage, the percentage change was recorded at (-) 34.51% over 2021-22.
- ❖ At National level, the GFCF estimates for Railways contribution were ₹ 101956 Crore & ₹ 145677 Crore during 2021-22 & 2022-23 respectively. In terms of percentage, the growth was 42.88% over 2021-22.

COMMUNICATION & SERVICES RELATED TO BROADCASTING:

- ❖ The contribution of Communication and Services relating to Broadcasting Sector in compilation of GFCF of Delhi was ₹ 675.77 Crore in 2021-22 and ₹ 954.78 Crore in 2022-23. In terms of percentage, the growth rate was recorded at 41.29% in 2022-23 over 2021-22.
- ❖ At National level, the GFCF estimates for Public Communication and Services relating to Broadcasting Sector were ₹ 2779 Crore and ₹ 7312 Crore in the year 2021-22 and 2022-23 respectively. In terms of percentage, there was growth of 163.15 % over previous year.

FINANCIAL SERVICES:

- ❖ Financial Services Sector's contribution in GFCF of Delhi was ₹ 1201.28 Crore in the year 2021-22 and ₹ 798.82 Crore in the year 2022-23. It recorded a decline of 33.50% during the year 2022-23 over 2021-22.
- ❖ At National level, the GFCF estimates for Financial Services were ₹ 11346 Crore in the year 2021-22 and ₹ 14801 Crore in the year 2022-23. In terms of percentage, the increment was 30.45% during 2022-23 over the year 2021-22.

ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI AND AT NATIONAL LEVEL

- ❖ In case of Delhi, Dwellings, Other Buildings and Structures Activity contributed ₹ 39571.20 Crore (71.01%) as compared to ₹ 1305417 Crore (73.63%) at National level in the Capital Formation while the contribution of Machinery & Equipment was ₹ 15571.99 Crore (27.95%) and ₹ 413213 Crore (23.31%) in Delhi and All India respectively during 2022-23. It may be noted that 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.



CHAPTER 1

INTRODUCTION

The 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:-

1. 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).
3. Local Bodies – Municipal Corporations of Delhi (East DMC, South DMC & North DMC), New Delhi Municipal Council and Delhi Cantonment Board.
4. Delhi Jal Board, Delhi Development Authority and other Autonomous Institutions of NCT of Delhi.
5. Central / State level Non-Departmental Enterprises (NDEs).

LIMITATIONS:-

1. Due to Non-availability & paucity of data, GFCF estimates are confined to Public sector only.
2. In respect of Supra-regional sectors (comprising of Central Government Administration, Railways, Communication & Services Related to Broadcasting and Financial Services) and Central & State level Non-Departmental Enterprises, states are dependent on National Statistical Office (NSO) estimates.
3. NSO has not supplied the asset -wise GFCF estimates , therefore states has to prepare asset wise GFCF estimates using national level asset-wise ratios.
4. Re-classification & changes of allocation of indicators by the NSO during the present base year series resulting in huge variations in Supra-Regional sector & NDEs estimates.
5. The present report contains the provisional data for the year 2022-23 in respect of Non-Departmental Enterprises as provided by NAD, NSO, MoSPI.



CHAPTER 2

CONCEPTS AND DEFINITIONS

The 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 Autonomous Institutions, 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 NSO and also culled out from the annual report of Department of Public Enterprises 2023-24, GOI.

METHODOLOGY FOR PREPARING ESTIMATES OF GFCF

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

1. **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.
2. **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 NSO, 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.	INDUSTRY
1.	Agriculture, Forestry & Fishing
2.	Mining & Quarrying
A	Primary (1+2)
3.	Manufacturing
4.	Electricity, Gas, Water Supply & other Utility Services
5.	Construction
B	Secondary (3+4+5)
6.	Trade, Hotels & Restaurants
7.	Transport, Storage & Communication
8.	Financial Services
9.	Real Estate, Ownership of Dwellings & Professional
10.	Public Administration
11.	Other Services
C	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 and Autonomous Institutions 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 unincorporated 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 than 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

Estimates of GFCF in Public Sector are based on the analysis of actual 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 including Delhi Development Authority (DDA) & Delhi Jal Board (DJB), Autonomous Institutions and Supra-Regional Sector. Fixed assets are broadly classified under four categories viz. I. Dwellings, Other Buildings & Structures; II. Machinery & Equipments; III. Cultivated Biological Resources; and IV. Intellectual Property Products as per ongoing 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 2018-19 to 2022-23 are given in Statement 3.1. GFCF of Delhi for Public Sector for the year 2018-19 was ₹ 38913.04 Crore while it has increased to ₹ 39100.75 Crore in the year 2019-20. Subsequently, it has decreased to ₹ 37434.74 Crore during the year 2020-21 and further increased to ₹ 48865.16 crore in the year 2021-22. Estimated GFCF during the year 2022-23 was ₹ 55722.87 Crore with a positive growth of 14.03% over previous year. In terms of percentage there was a positive growth of 0.48% for the year 2019-20, while afterwards decline of 4.26% during 2020-21 and positive growth of 30.53% during the year 2021-2022. At National level, GFCF of Public Sector for the year 2018-19 was ₹ 1336526 Crore while it has decreased to ₹ 1311583 Crore in the year 2019-20, in terms of percentage the decline is found to be 1.87%. Further, it has increased to ₹ 1321428 Crore in the year 2020-21 with growth in terms of percentage as 0.75%. Estimated GFCF for the year 2021-22 was ₹ 1572447 Crore showing an increase of 19.00% over the previous year and further increased to ₹ 1772919 Crore in the year 2022-23 which registered an increase of 12.75% over the previous year.

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

(At Current Prices)

(₹ Crore)

Sl. No.	Industry	2018-19		2019-20		2020-21		2021-22		2022-23	
		DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA
1	Agriculture, Forestry & Fishing	0.18	79473	0.80	72594	2.41	75215	2.37	79618	2.17	87392
2	Mining & Quarrying	4325.88	36522	4337.64	34658	332.98	36988	5854.02	49119	610.46	36838
A	Primary (1+2)	4326.06	115995	4338.44	107252	335.39	112203	5856.39	128736	612.63	124230
3	Manufacturing	2443.64	64734	1312.52	69436	1887.36	59391	538.30	72492	557.42	94200
4	Electricity, Gas, Water Supply & other Utility Services	6143.14	317502	6084.00	311261	5453.74	258933	5352.41	284861	6277.57	283258
5	Construction	2976.79	157370	3136.51	108982	12527.34	172098	2075.14	199137	2210.25	236647
B	Secondary (3+4+5)	11563.57	539605	10533.03	489679	19868.44	490422	7965.85	556490	9045.24	614105
6	Trade, Hotels & Restaurants	1330.88	2281	1446.01	2136	784.73	1673	622.20	1341	769.62	2532
7	Transport, Storage & Communication	10095.90	90281	10281.96	90374	5401.16	42044	17627.95	124593	28927.68	191145
8	Financial Services	62.74	14132	654.18	11745	1158.80	13485	1201.28	11346	798.82	14801
9	Real Estate, Ownership of Dwellings & Professional Services	1230.71	2490	514.48	2022	343.87	1043	256.65	855	793.22	2559
10	Public Administration	8499.97	507271	9034.67	548247	7518.87	591376	10803.61	662486	11348.84	729149
11	Other Services	1803.21	64471	2297.98	60130	2023.48	69181	4531.23	86600	3426.82	94397
C	Tertiary (6 to 11)	23023.41	680926	24229.28	714654	17230.91	718802	35042.92	887221	46065.00	1034583
TOTAL GFCF (A+B+C)		38913.04	1336526	39100.75	1311583	37434.74	1321428	48865.16	1572447	55722.87	1772919

*Totals may not tally due to rounding off.

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

It may be seen from the Statement 3.2 given below that during 2022-23, negative growth of 89.54% was recorded in GFCF for Primary Sector in Delhi as compared to negative growth of 3.50% at National level. In case of Secondary Sector, a growth of 13.55% was registered in Delhi whereas at National level GFCF, there was a positive growth rate of 10.35% during the year 2022-23 whereas for Tertiary Sector, growth of 31.45% was registered in Delhi while at National level GFCF, there was a positive growth of 16.61% during the year 2022-23.

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

(At Current Prices)

(In %)

Sl. No.	Industry	2019-20		2020-21		2021-22		2022-23	
		DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA
1	Agriculture, Forestry & Fishing	344.44	-8.66	201.25	3.61	-1.66	5.85	-8.44	9.76
2	Mining & Quarrying	0.27	-5.10	-92.32	6.72	1658.07	32.80	-89.57	-25.00
A	Primary (1+2)	0.29	-7.54	-92.27	4.62	1646.14	14.74	-89.54	-3.50
3	Manufacturing	-46.29	7.26	43.80	-14.47	-71.48	22.06	3.55	29.95
4	Electricity, Gas, Water Supply & other Utility Services	-0.96	-1.97	-10.36	-16.81	-1.86	10.01	17.28	-0.56
5	Construction	5.37	-30.75	299.40	57.91	-83.44	15.71	6.51	18.84
B	Secondary (3+4+5)	-8.91	-9.25	88.63	0.15	-59.91	13.47	13.55	10.35
6	Trade, Hotels & Restaurants	8.65	-6.35	-45.73	-21.68	-20.71	-19.84	23.69	88.81
7	Transport, Storage & Communication	1.84	0.10	-47.47	-53.48	226.37	196.34	64.10	53.42
8	Financial Services	942.68	-16.89	77.14	14.81	3.67	-15.86	-33.50	30.45
9	Real Estate, Ownership of Dwellings & Professional Services	-58.20	-18.81	-33.16	-48.42	-25.36	-18.06	209.07	199.42
10	Public Administration	6.29	8.08	-16.78	7.87	43.69	12.02	5.05	10.06
11	Other Services	27.44	-6.73	-11.95	15.05	123.93	25.18	-24.37	9.00
C	Tertiary (6 to 11)	5.24	4.95	-28.88	0.58	103.37	23.43	31.45	16.61
TOTAL GFCF (A+B+C)		0.48	-1.87	-4.26	0.75	30.53	19.00	14.03	12.75

*Totals may not tally due to rounding off.

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 in Delhi is found to be 1.10% during 2022-23 as compared to 7.01% contribution at National level. For Secondary Sector, the contribution in respect of Delhi was 16.23% whereas at National level, it was recorded at 34.64%. Tertiary Sector contributed 82.67% in GFCF of Delhi as compared to 58.35% at National level. The overall view of sectoral composition of GFCF of Delhi and All India during 2018-19 to 2022-23 has been depicted in the graphic representations (Chart 3.1 & 3.2):-

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

(At Current Prices)

(In %)

Sl. No.	Industry	2018-19		2019-20		2020-21		2021-22		2022-23	
		DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA
1	Agriculture, Forestry & Fishing	0.00	5.95	0.00	5.53	0.01	5.69	0.00	5.06	0.00	4.93
2	Mining & Quarrying	11.12	2.73	11.09	2.64	0.89	2.80	11.98	3.12	1.10	2.08
A	Primary (1+2)	11.12	8.68	11.09	8.18	0.90	8.49	11.99	8.19	1.10	7.01
3	Manufacturing	6.28	4.84	3.36	5.29	5.04	4.49	1.10	4.61	1.00	5.31
4	Electricity, Gas, Water Supply & other Utility Services	15.79	23.76	15.56	23.73	14.57	19.59	10.95	18.12	11.27	15.98
5	Construction	7.65	11.77	8.02	8.31	33.46	13.02	4.25	12.66	3.97	13.35
B	Secondary (3+4+5)	29.72	40.37	26.94	37.33	53.07	37.11	16.30	35.39	16.23	34.64
6	Trade, Hotels & Restaurants	3.42	0.17	3.70	0.16	2.10	0.13	1.27	0.09	1.38	0.14
7	Transport, Storage & Communication	25.94	6.75	26.30	6.89	14.43	3.18	36.07	7.92	51.91	10.78
8	Financial Services	0.16	1.06	1.67	0.90	3.10	1.02	2.46	0.72	1.43	0.83
9	Real Estate, Ownership of Dwellings & Professional Services	3.16	0.19	1.32	0.15	0.92	0.08	0.53	0.05	1.42	0.14
10	Public Administration	21.84	37.95	23.11	41.80	20.09	44.75	22.11	42.13	20.37	41.13
11	Other Services	4.63	4.82	5.88	4.58	5.41	5.24	9.27	5.51	6.15	5.32
C	Tertiary (6 to 11)	59.16	50.95	61.97	54.49	46.03	54.40	71.71	56.42	82.67	58.35
TOTAL GFCF (A+B+C)		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

* Totals may not tally due to rounding off.

Chart-3.1

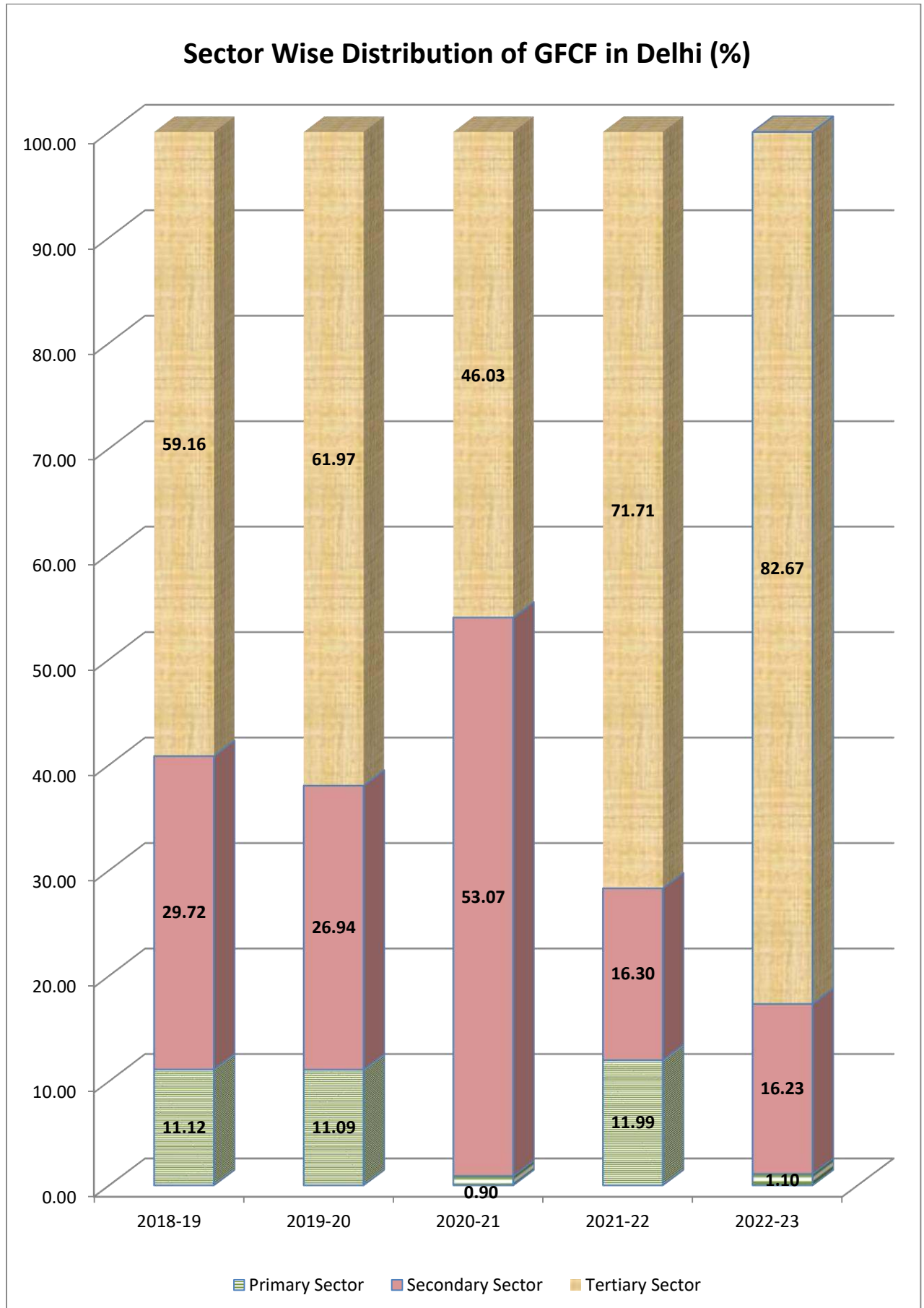
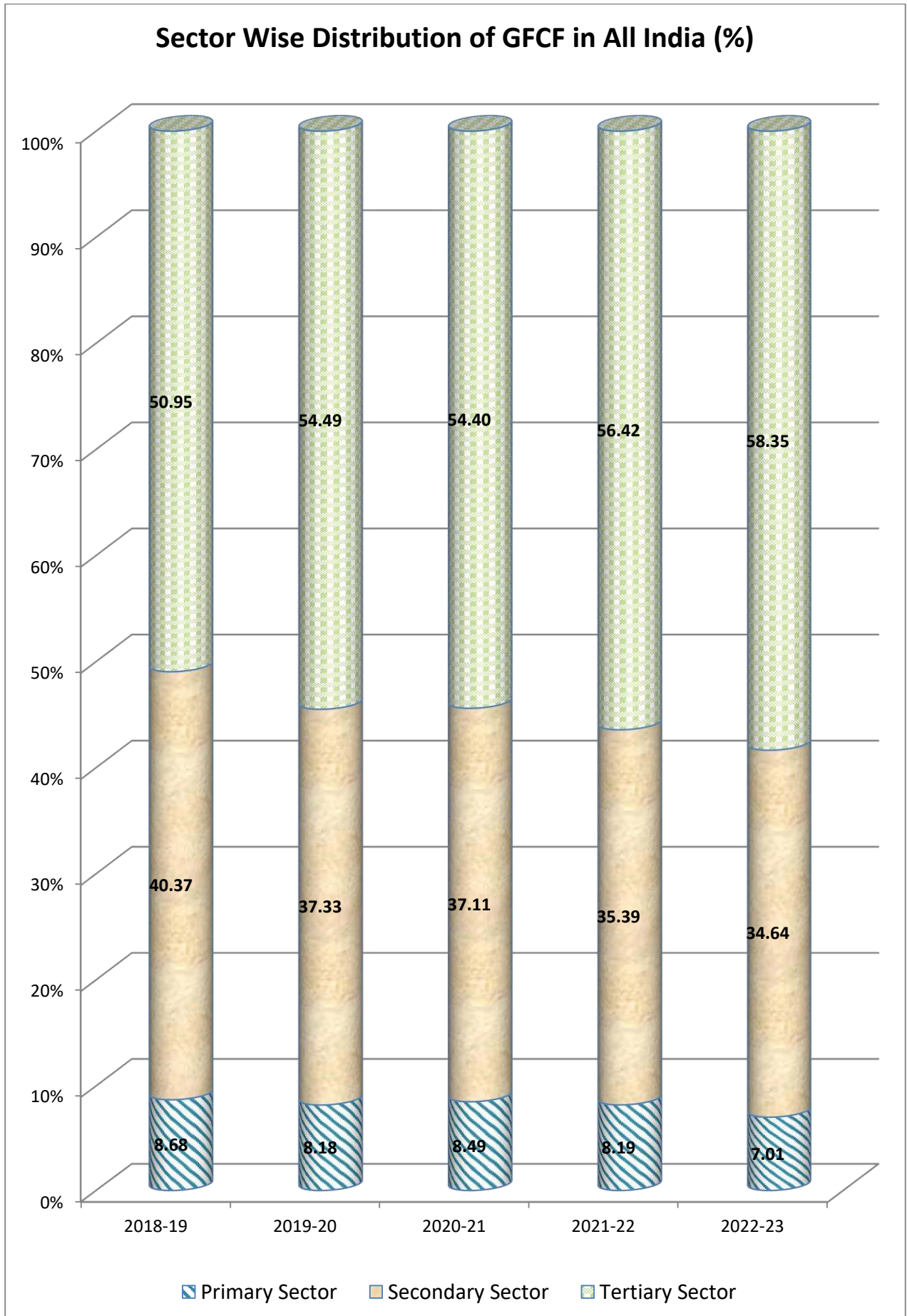


Chart-3.2



SHARE OF GFCF OF DELHI TO NATIONAL LEVEL GFCF (PUBLIC SECTOR)

Statement 3.4: SHARE OF GROSS FIXED CAPITAL FORMATION OF DELHI TO ALL INDIA GFCF (PUBLIC SECTOR) AT CURRENT PRICES

Sl. No.	Industry	2018-19		2019-20		2020-21		2021-22		2022-23	
		Delhi	All India	Delhi	All India	Delhi	All India	Delhi	All India	Delhi	All India
1.	GFCF (Public Sector) (in ₹ Crore)	38913.04	1336526	39100.75	1311583	37434.74	1321428	48865.16	1572447	55722.87	1772919
2.	GFCF Delhi to All India GFCF (share in %)	2.91		2.98		2.83		3.11		3.14	

The share of Public Sector GFCF of Delhi to National level Public Sector GFCF has been estimated at 2.91% during 2018-19 which has increased to 2.98% in 2019-20, while the corresponding share in the years i.e. from 2020-21 to 2022-23 was 2.83%, 3.11% and 3.14% respectively.

SHARE OF GFCF TO GSDP/ GDP:

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

Sl. No.	Industry	2018-19		2019-20		2020-21		2021-22		2022-23	
		DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA
1	GFCF (PUBLIC SECTOR) (₹ Crore)	38913.04	1336526	39100.75	1311583	37434.74	1321428	48865.16	1572447	55722.87	1772919
2	GSDP/GDP (₹ Crore)	738389	18899668	792911	20103593	744277	19854096	870627	23597399	999749	26890473
3	GFCF TO GSDP/ GDP SHARE (%)	5.27	7.07	4.93	6.52	5.03	6.66	5.61	6.66	5.57	6.59

It is evident from the Statement 3.5 that share of Public sector GFCF of Delhi to GSDP had been estimated at 5.27% during 2018-19, while in subsequent years i.e. during 2019-20 to 2021-22, it was 4.93%, 5.03%, and 5.61% respectively whereas at National level, the ratio

of Public Sector GFCF to GDP was 7.07% during 2018-19, subsequently was to the tune of 6.52%, 6.66% and 6.66% respectively during 2019-20 to 2021-22. During the year 2022-23, the ratio of Public sector GFCF of Delhi to GSDP was 5.57%, whereas at National level, the ratio of Public Sector GFCF to GDP was found to be 6.59%.

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, Delhi Jal Board, Delhi Development Authority & other Autonomous Institutions of NCT of Delhi and Central / State Non-Departmental Enterprises.

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

(At Current Prices)

(₹ Crore)

Year	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non-Departmental Enterprises	Supra-Regional Sectors	Total
2018-19	3877.91	1550.87	5028.57	17933.41	10522.28	38913.04
2019-20	5773.22	1774.48	4711.84	17715.02	9126.19	39100.75
2020-21	4572.50	1601.06	4297.62	20075.29	6888.27	37434.74
2021-22	7907.89	1574.32	6105.81	23322.29	9954.85	48865.16
2022-23	8111.46	761.62	6763.36	32025.00	8061.43	55722.87

The overall view of institution wise GFCF of Delhi during 2018-19 to 2022-23 has been depicted in the graphic representations (Chart 3.3 to 3.7):-

Chart 3.3

Institution wise Gross Fixed Capital Formation in Delhi - Public Sector during 2018-19

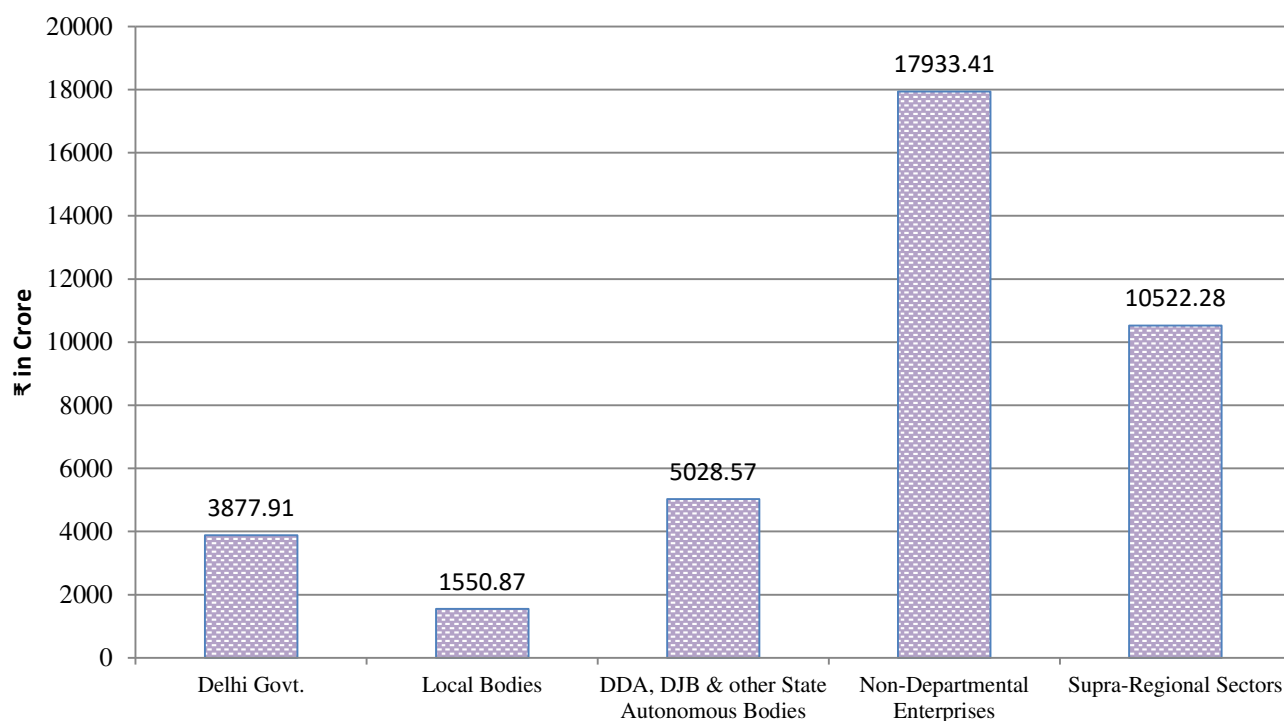


Chart 3.4

Institution wise Gross Fixed Capital Formation in Delhi - Public Sector during 2019-20

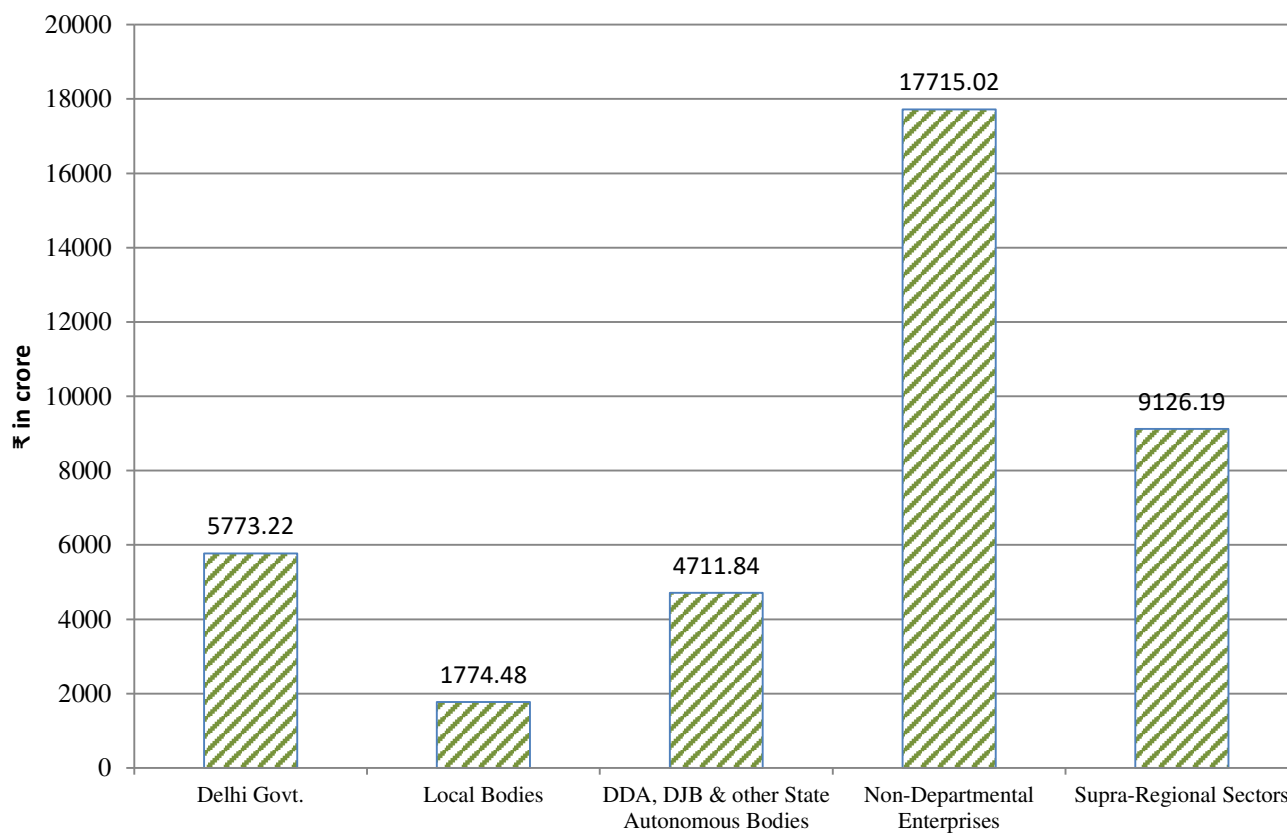


Chart 3.5

Institution wise Gross Fixed Capital Formation in Delhi - Public Sector during 2020-21

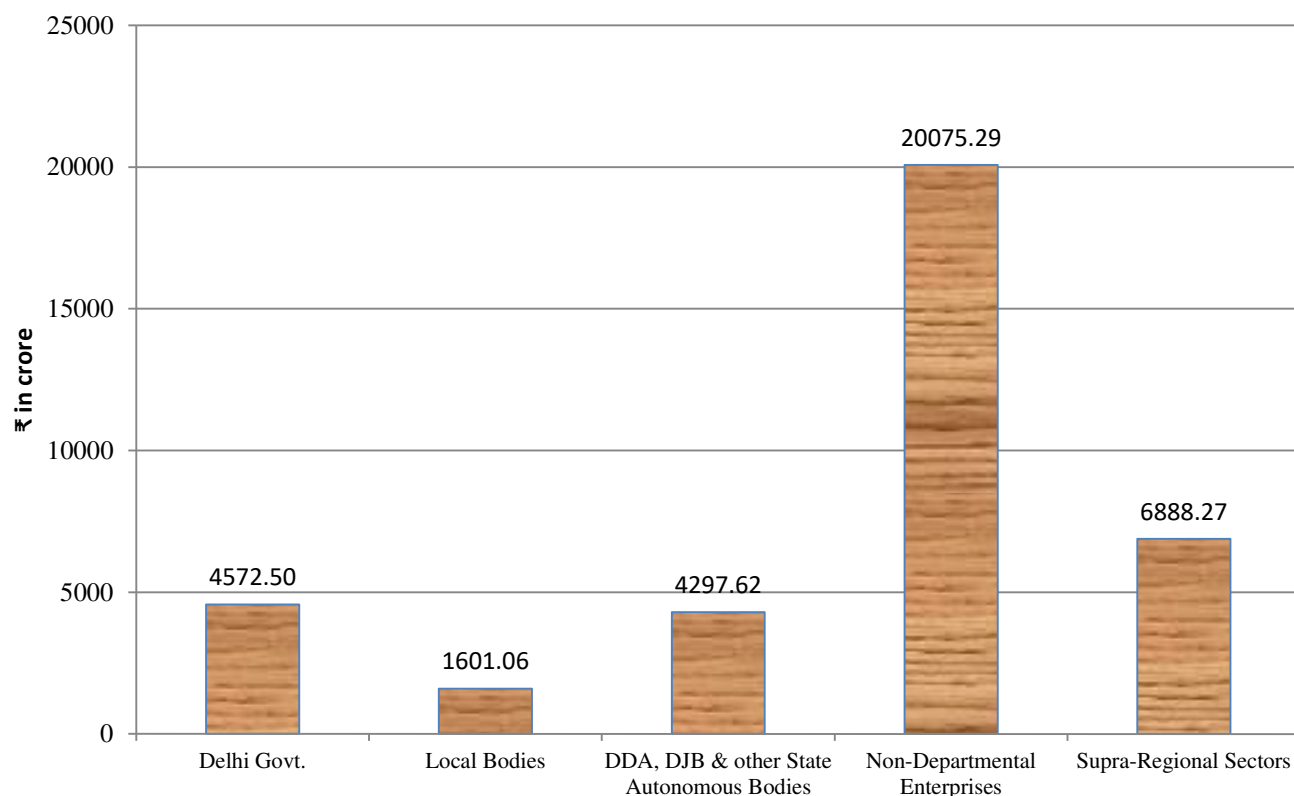
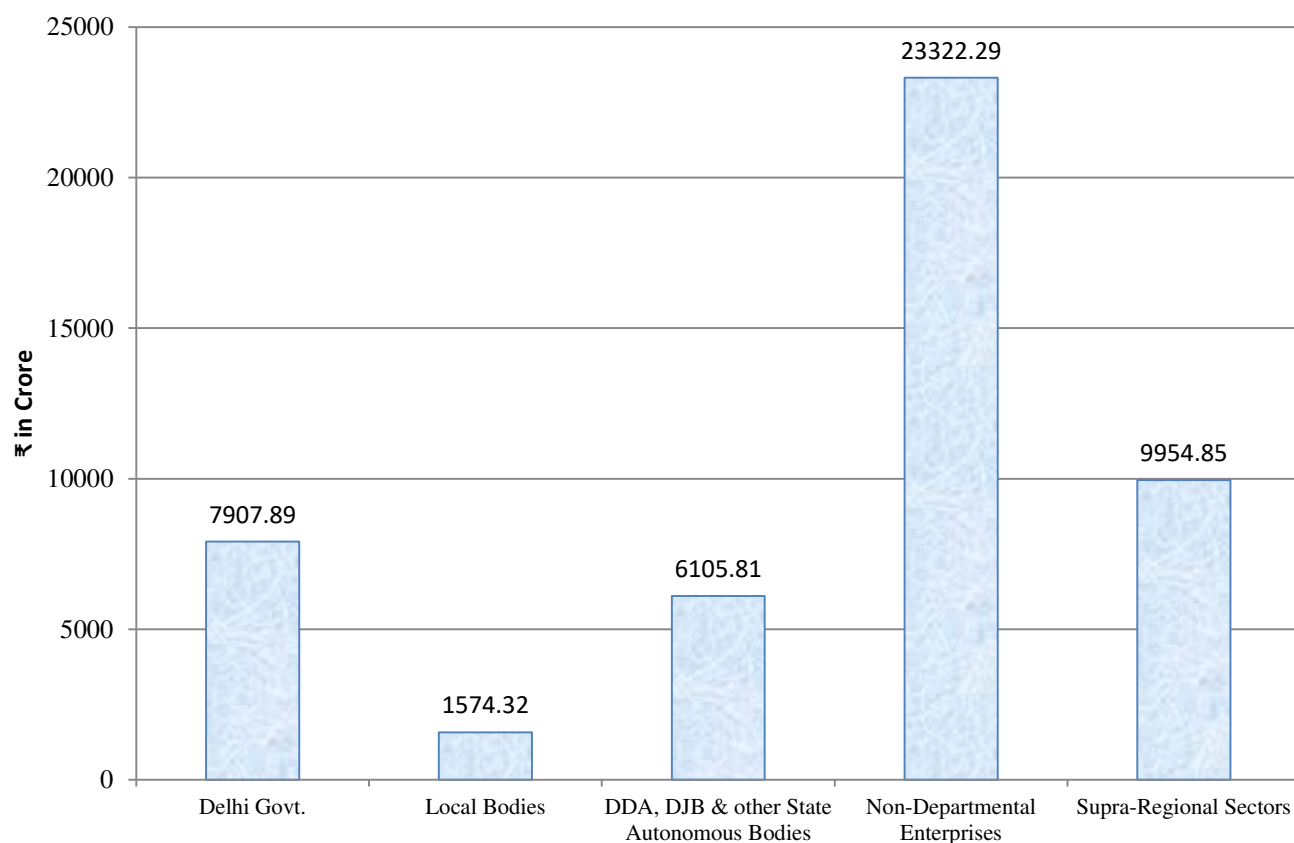
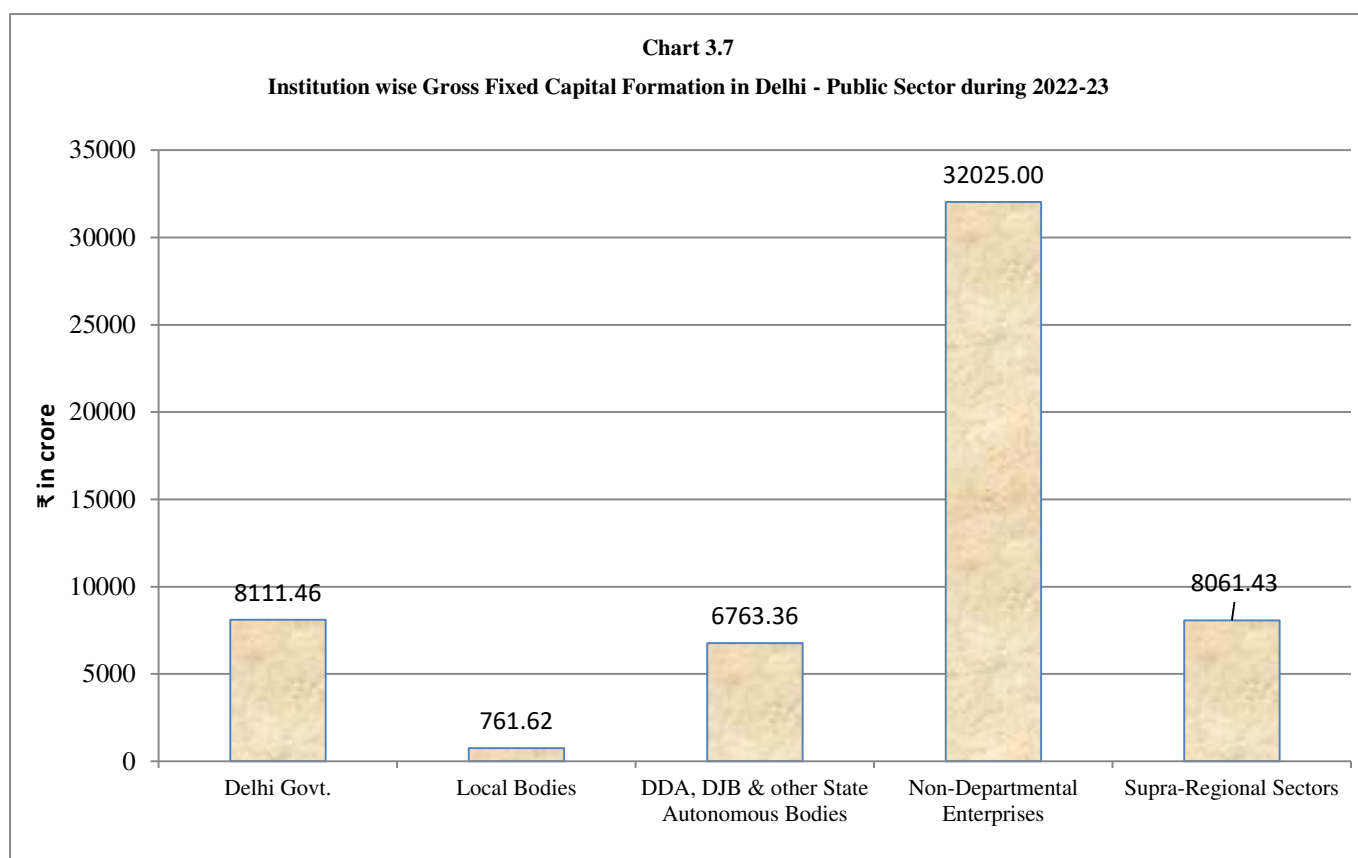


Chart 3.6

Institution wise Gross Fixed Capital Formation in Delhi - Public Sector during 2021-22





**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 Institutions	Non-Departmental Enterprises	Supra-Regional Sectors	Total
1	2018-19	9.97	3.99	12.92	46.09	27.04	100.00
2	2019-20	14.76	4.54	12.05	45.31	23.34	100.00
3	2020-21	12.21	4.28	11.48	53.63	18.40	100.00
4	2021-22	16.18	3.22	12.50	47.73	20.37	100.00
5	2022-23	14.56	1.37	12.14	57.47	14.47	100.00

* Totals may not tally due to rounding off.

It is evident from the Statements 3.6 and 3.7 that during the year 2022-23, out of total GFCF of ₹ 55722.87 Crore, Non-Departmental Enterprises & Delhi Govt. were the highest contributors with ₹ 40136.46 Crore (72.03%) followed by Supra-Regional Sectors with ₹ 8061.43 Crore (14.47%), DDA, DJB & other State Autonomous Institutions with ₹ 6763.36 Crore (12.14%) and Local Bodies with ₹ 761.62 Crore (1.37%). 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 industry-wise GFCF.

Gross Fixed Capital Formation of State Govt. including State DEs amounted to ₹ 3877.91 Crore in the year 2018-19, ₹ 5773.22 Crore in the year 2019-20, and then decreased to ₹ 4572.50 Crore in 2020-21 and further increased to ₹ 7907.89 Crore during 2021-22 registering yearly growths of 48.87%, (-)20.80% and 72.94% respectively over preceding year. GFCF of State Govt. including State DEs was ₹ 8111.46 Crore in the year 2022-23 which shows an increase of 2.57% over the year 2021-22.

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 ₹ 1550.87 Crore in the year 2018-19, further increased to ₹ 1774.48 Crore in 2019-20, then declined to ₹ 1601.06 Crore in 2020-21 and further decreased to ₹ 1574.32 Crore during the year 2021-22 and again declined to ₹ 761.62 Crore during the year 2022-23 registering growth rate of 14.42%, (-) 9.77%, (-)1.67% and (-) 51.62% respectively.

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

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 industry-wise GFCF.

Gross Fixed Capital Formation of DDA, DJB and State Autonomous Institutions was recorded at ₹ 5028.57 Crore during 2018-19 and declined to ₹ 4711.84 Crore during

2019-20, ₹ 4297.62 Crore in the year 2020-21 and increased to ₹ 6105.81 Crore during 2021-22 and ₹ 6763.36 Crore in the year 2022-23. The year on year growth rate for the year 2019-20 to 2022-23 were recorded as (-)6.30%, (-)8.79%, 42.07% and 10.77% respectively over previous year.

ESTIMATES OF GROSS FIXED CAPITAL FORMATION FOR NON-DEPARTMENTAL ENTERPRISES & SUPRA-REGIONAL SECTORS:

The estimates of Gross Fixed Capital Formation (GFCF) in respect of Non-Departmental Enterprises as well as Supra-Regional Sectors are prepared by the National Statistical Office (NSO) and supplied to State Directorates of Economics and Statistics (DESS) for incorporating the same in their estimates. The estimates in respect of NDEs are prepared by analyzing the Annual Accounts of Centre & State level NDEs so as to cull out the extent of industry-wise GFCF. 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.

Gross Fixed Capital Formation in respect of Non-Departmental Enterprises and Supra-Regional Sectors was to the tune of ₹ 28455.69 Crore during the year 2018-19, ₹ 26841.21 Crore in 2019-20, increased to ₹ 26963.56 Crore in 2020-21 and ₹ 33277.14 Crore in 2021-22. The corresponding percent change over previous year was observed as (-)5.67%, 0.46% and 23.42% from 2019-20 to 2021-22 respectively. Estimated GFCF for the year 2022-23 amounted to ₹ 40086.43 Crore registering a positive growth of 20.46% over the previous year.

Sub-Sector wise position of Supra-Regional Sectors 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 of Delhi for the year 2018-19 was ₹ 1761.20 Crore and ₹ 2104.06 Crore in the 2019-20 and increased to ₹ 2287.13 Crore in 2020-21 and further increased to ₹ 2336.84 Crore in 2021-22. The corresponding growth rate for the year 2019-20 to 2021-22 were 19.47%, 8.70% and 2.17% respectively. The contribution of Central Govt. Administration in GFCF of Delhi for the year 2022-23 was ₹ 2547.94 Crore showing a growth of 9.03% over 2021-22.

At National level, the GFCF estimates for Public Administration for the year 2018-19 was ₹ 507271 Crore which increased to ₹ 548247 Crore in the year 2019-20, in subsequent years i.e. during 2020-21 & 2021-22 it was estimated at ₹ 591376 Crore and ₹ 662486 Crore respectively while for 2022-23, it was estimated at ₹ 729149 Crore. In terms of percentage, there was a positive growth of 8.08% during 2019-20, 7.87% during 2020-21, 12.02% during 2021-22 and 10.06% during 2022-23 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 2018-19 was recorded at ₹ 8490.20 Crore and ₹ 4577.26 Crore in 2019-20, further decreased to ₹ 2628.40 Crore in 2020-21 and increased to the level of ₹ 5740.96 Crore during the year 2021-22 and

declined to ₹ 3759.89 Crore in 2022-23. In terms of percentage, the yearly growth rate was observed (-) 46.09%, (-) 42.58% and 118.42% respectively for the year 2019-20 to 2021-22 over previous year, whereas for the year 2022-23, the growth rate was (-) 34.51% over 2021-22.

At National level, the GFCF estimates for Railways is showing an increasing trend except for the year 2020-21. The estimates were to the tune of ₹ 64237 Crore, ₹ 67970 Crore, ₹ 27048 Crore and ₹ 101956 Crore respectively during 2018-19 to 2021-22. In terms of percentage, the increment during 2019-20 to 2021-22 were 5.81%, (-) 60.21% and 276.94% respectively over the previous year. The Estimates for Railways in GFCF for the year 2022-23 was ₹ 145677 Crore showing an increase of 42.88% over 2021-22.

❖ **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 related to Broadcasting Sector's contribution in GFCF of Delhi depicted an mixed trend with the contribution being ₹ 208.14 Crore in

2018-19, inflated to ₹ 1790.69 Crore in 2019-20, declined to ₹ 813.94 Crore in 2020-21, further declined to ₹ 675.77 Crore in 2021-22 and then reached to ₹ 954.78 Crore in 2022-23. In terms of percentage, the year-wise growths were 760.33%, (-) 54.55%, (-) 16.98% and 41.29% respectively over the previous year.

At National level, the GFCF estimates for Public Communication and Services related to Broadcasting Sector showed mixed trend. The estimate for 2018-19 was ₹ 7972 Crore, followed by major decrease to ₹ 2768 Crore in 2019-20 and then declined to ₹ 1139 Crore in 2020-21, increased to ₹ 2779 Crore in 2021-22 and further increased to ₹ 7312 Crore in 2022-23 respectively, registering growth rate as (-) 65.28%, (-) 58.87%, 144.06% and 163.15% respectively for 2019-20 to 2022-23 over the preceding years.

❖ FINANCIAL SERVICES:

The state wise estimates of GFCF from Financial Services 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 pro rata 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 Co-operative 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.

Financial Services contribution in GFCF of Delhi for the year 2018-19 was ₹ 62.74 Crore, ₹ 654.18 Crore in the year 2019-20, increased to ₹ 1158.80 Crore in 2020-21 while for 2021-22, it was recorded at ₹ 1201.28 Crore and declined to ₹ 798.82 Crore during 2022-23. The percentage change from 2019-20 to 2021-22 over the previous year were 942.68%, 77.14% and 3.67% while for 2022-23, it was to the tune of (-) 33.50% over 2021-22.

At National level, the GFCF estimates for Financial Services for the year 2018-19 was ₹ 14132 Crore, decreased to ₹ 11745 Crore in 2019-20, increased to ₹ 13485 Crore in 2020-21, then decreased to ₹ 11346 Crore in 2021-22 whereas for the year 2022-23 it was estimated at ₹ 14801 Crore. The corresponding growth rate from 2019-20 to 2022-23 over preceding year were (-) 16.89%, 14.82%, (-) 15.86% and 30.45% respectively.



CHAPTER 4

GFCF BY TYPE OF ASSETS

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 ongoing 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 2018-19 to 2022-23 has been depicted in the following statements and graphic representations:-

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

(At Current Prices)

(₹ Crore)

Sl. No.	Industry	2018-19		2019-20		2020-21		2021-22		2022-23	
		DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA
1	Dwellings, Other Buildings and Structures	23260.73	916196	25458.95	893006	28193.34	922658	32970.54	1157234	39571.20	1305417
2	Machinery & Equipment	11781.52	366076	10149.23	366699	8520.51	347856	12160.82	352936	15571.99	413213
3	Cultivated Biological Resources	0.03	627	1.23	833	0.83	814	5.15	1025	1.64	993
4	Intellectual Property Products	3870.76	53627	3491.34	51045	720.06	50101	3728.65	61252	578.03	53297
	GFCF (PUBLIC SECTOR)	38913.04	1336526	39100.75	1311583	37434.74	1321428	48865.16	1572447	55722.87	1772919

* Totals may not tally due to rounding off.

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

(At Current Prices)

(In %)

Sl. No.	Industry	2018-19		2019-20		2020-21		2021-22		2022-23	
		DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA	DELHI	ALL INDIA
1	Dwellings, Other Buildings and Structures	59.78	68.55	65.11	68.09	75.31	69.82	67.47	73.59	71.01	73.63
2	Machinery & Equipment	30.28	27.39	25.96	27.96	22.76	26.32	24.89	22.45	27.95	23.31
3	Cultivated Biological Resources	0.00	0.05	0.00	0.06	0.00	0.06	0.01	0.07	0.00	0.06
4	Intellectual Property Products	9.95	4.01	8.93	3.89	1.92	3.79	7.63	3.90	1.04	3.01
	GFCF (PUBLIC SECTOR)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

* Totals may not tally due to rounding off.

Chart 4.1
Public Sector GFCF in Delhi

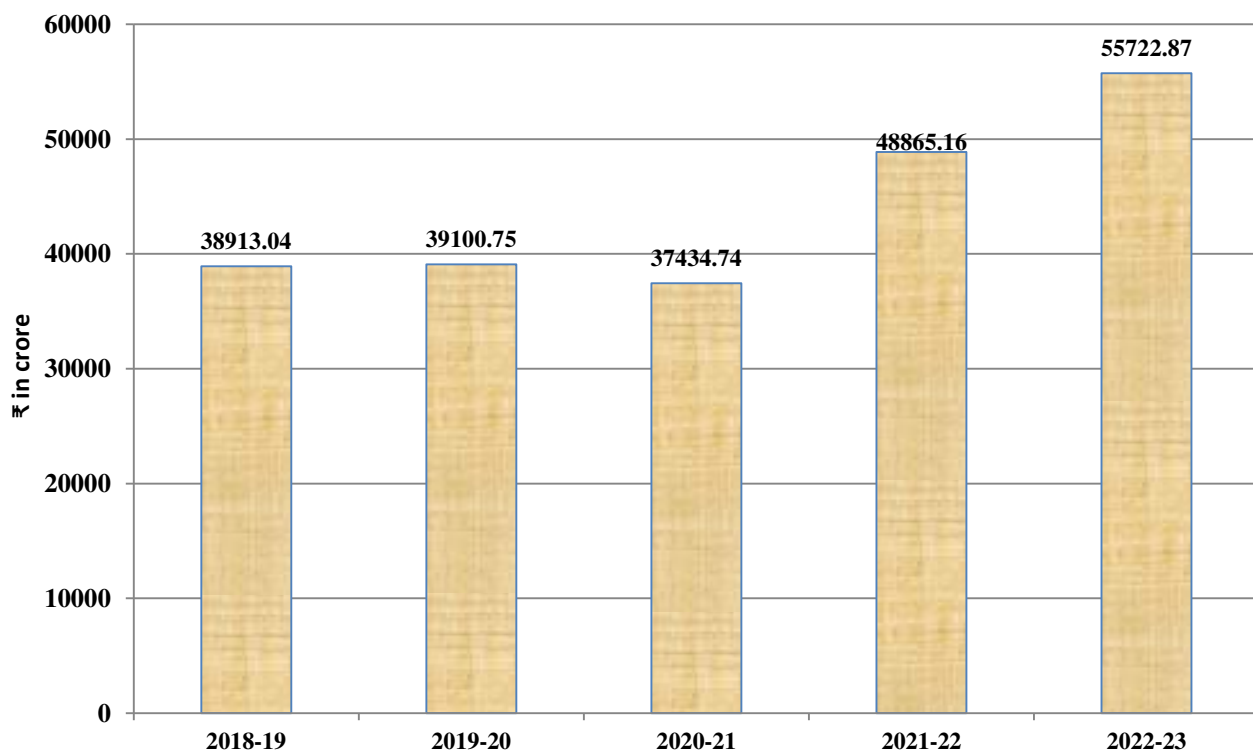


Chart 4.2
GFCF in r/o Dwellings, Other Buildings and Structures in Delhi

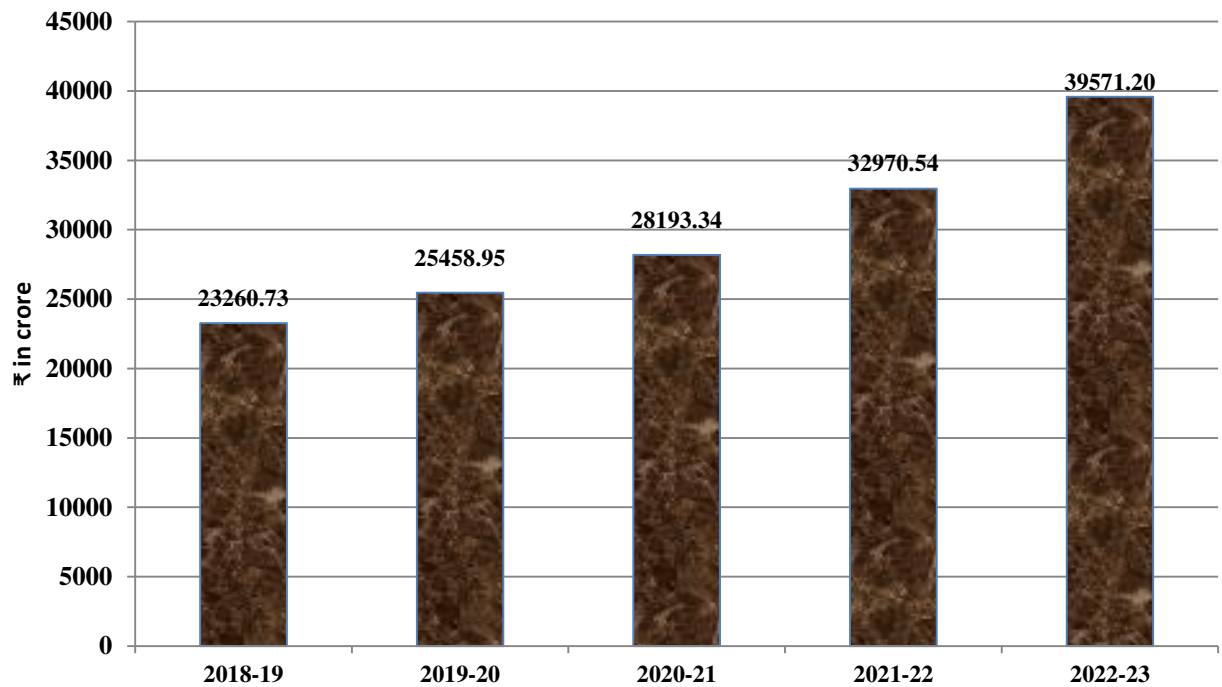


Chart 4.3
GFCF in r/o Machinery and Equipment in Delhi

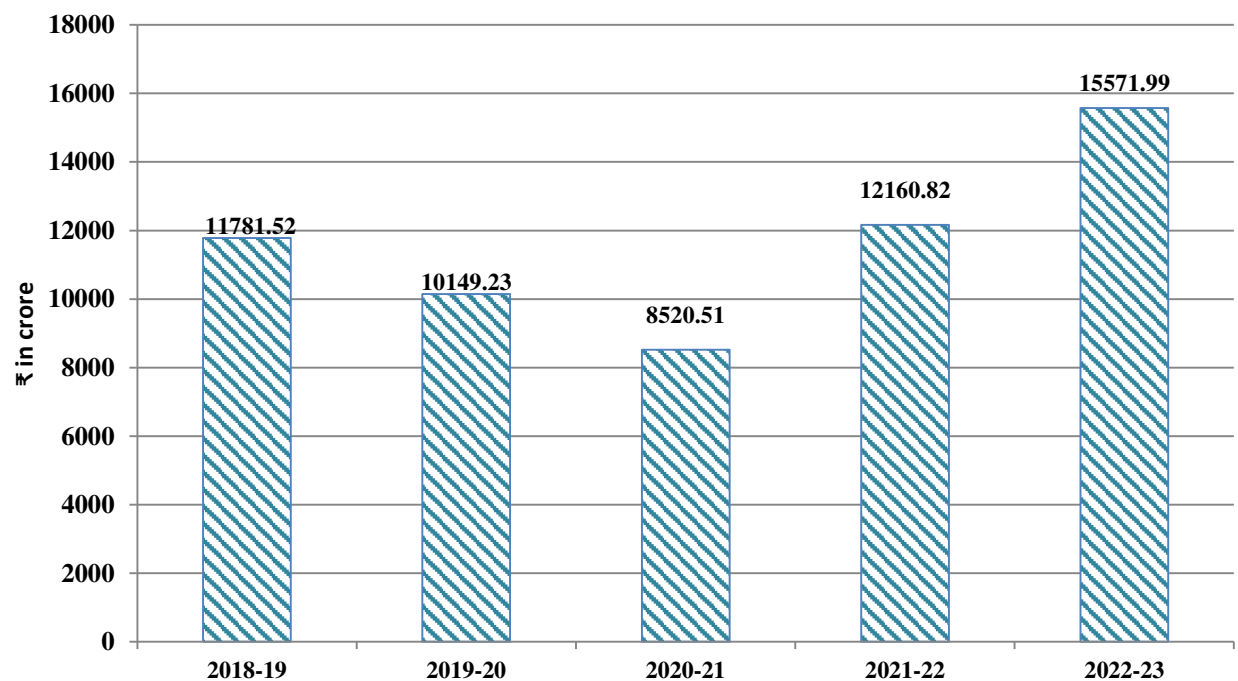


Chart 4.4
GFCF in r/o Cultivated Biological Resources in Delhi

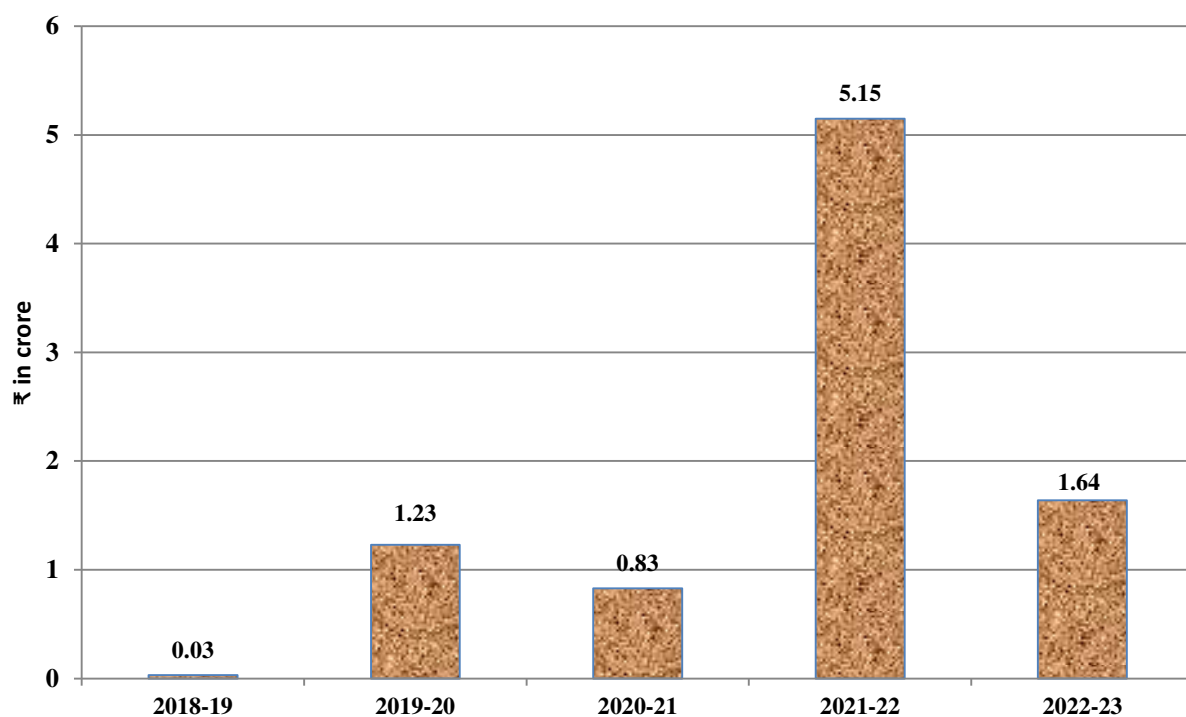
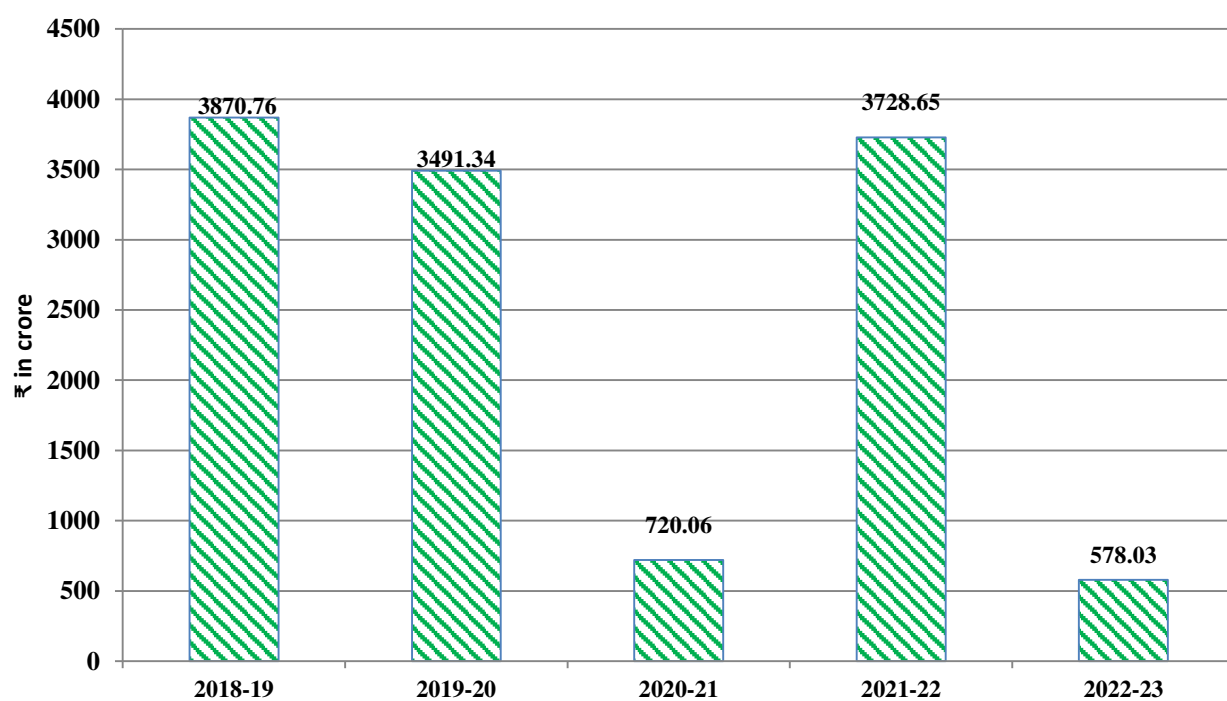


Chart 4.5
GFCF in r/o Intellectual Property Products in Delhi



It may be seen from the Statements 4.1, 4.2 & graphic representations that for the year 2018-19, GFCF of Public Sector in Delhi was recorded as ₹ 38913.04 Crore, whereas the corresponding estimate at National level was ₹ 1336526 Crore. Asset wise analysis reveals that the contribution of Dwellings, Other Buildings and Structures Activity was ₹ 23260.73 Crore (59.78%) and ₹ 916196 Crore (68.55%) in case of Delhi and All India respectively while the contribution of Machinery & Equipment was ₹ 11781.52 Crore (30.28%) and ₹ 366076 Crore (27.39%) in Delhi and All India respectively.

During 2019-20, GFCF of Public Sector in Delhi was observed as ₹ 39100.75 Crore in comparison to ₹ 1311583 Crore at National level. Similar situation as seen in preceding years was noticed at asset level i.e. major chunk of the Capital Formation was from Dwellings, Other Buildings and Structures Activity with the contribution being ₹ 25458.95 Crore (65.11%) and ₹ 893006 Crore (68.09%) for Delhi and All India respectively followed by Machinery & Equipment which contributed ₹ 10149.23 Crore (25.96%) in Delhi and ₹ 366699 Crore (27.96%) at National level respectively.

GFCF of Public Sector in Delhi amounted to ₹ 37434.74 Crore for the year 2020-21 whereas the corresponding estimate at National level was ₹ 1321428 Crore. Further, it was observed that Dwellings, Other Buildings and Structures Activity contributed for ₹ 28193.34 Crore (75.31%) in GFCF of Delhi in comparison to ₹ 922658 Crore (69.82%) at National level in the Capital Formation while the contribution of Machinery & Equipment was ₹ 8520.51 Crore (22.76%) and ₹ 347856 Crore (26.32%) for Delhi and all India respectively.

For the year 2021-22, GFCF of Public Sector in Delhi was to the tune of ₹ 48865.16 Crore, while the estimate at National level was ₹ 1572447 Crore. Moreover, from asset-wise analysis, it can be seen that the share of Dwellings, Other Buildings and Structures Activity was ₹ 32970.54 Crore (67.47%) and ₹ 1157234 Crore (73.59%) in case of Delhi and All India respectively while the share of Machinery & Equipment was ₹ 12160.82 Crore (24.89%) and ₹ 352936 Crore (22.45%) in Delhi and All India respectively.

Further, GFCF of Public Sector for the year 2022-23 was recorded at ₹ 55722.87 Crore for Delhi whereas the estimate at National level was ₹ 1772919 Crore. Moreover, in respect of Delhi as well as All India, Dwellings, Other Buildings and Structures Activity was the highest contributor in GFCF with ₹ 39571.20 Crore (71.01%) and ₹ 1305417 Crore (73.63%) respectively, followed by contribution of Machinery & Equipment which was ₹ 15571.99 Crore (27.95%) and ₹ 413213 Crore (23.31%) in Delhi and All India respectively.

From the above observations, it is quite evident that the major chunk of the Capital Formation was in the form of Construction of Dwellings, Other Buildings and Structures Activity in Delhi as well as at National level during the years 2018-19 to 2022-23.



STATISTICAL TABLES

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

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Agriculture, Forestry & Fishing	7	3	4	31	5	13	16	18	80	241	237	217
2	Mining & Quarrying	0	0	0	0	0	276400	361929	432588	433764	33298	585402	61046
A	Primary (1+2)	7	3	4	31	5	276413	361945	432606	433844	33539	585639	61263
3	Manufacturing	0	3	5	5	2	31185	157726	244364	131252	188736	53830	55742
4	Electricity, Gas, Water Supply & other Utility Services	427758	288271	262867	260870	254233	1200448	1255713	614314	608400	545374	535241	627757
5	Construction	20533	65550	20	508	290	269696	342988	297679	313651	1252734	207514	221025
B	Secondary (3+4+5)	448291	353824	262892	261383	254525	1501329	1756427	1156357	1053303	1986844	796585	904524
6	Trade, Hotels & Restaurants	1286	3721	7157	-2782	-1345	66432	135531	133088	144601	78473	62220	76962
7	Transport, Storage & Communication	396857	448856	535845	791272	1069504	1110711	1476350	1009590	1028196	540116	1762795	2892768
8	Financial Services	30212	56029	78980	70154	84365	94950	95869	6274	65418	115880	120128	79882
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	8419	45635	123071	51448	34387	25665	79322
10	Public Administration	919243	854380	1403175	1327217	1312836	694249	759020	849997	903467	751887	1080361	1134884
11	Other Services	147003	214309	165225	183615	174944	198814	199618	180321	229798	202348	453123	342682
C	Tertiary (6 to 11)	1494601	1577295	2190382	2369476	2640304	2173575	2712023	2302341	2422928	1723091	3504292	4606500
TOTAL GFCF (A+B+C)		1942899	1931122	2453278	2630890	2894834	3951317	4830395	3891304	3910075	3743474	4886516	5572287

*Totals may not tally due to rounding off.

Table 1.2: 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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Agriculture, Forestry & Fishing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
2	Mining & Quarrying	0.00	0.00	0.00	0.00	0.00	7.00	7.49	11.12	11.09	0.89	11.98	1.10
A	Primary (1+2)	0.00	0.00	0.00	0.00	0.00	7.00	7.49	11.12	11.10	0.90	11.98	1.10
3	Manufacturing	0.00	0.00	0.00	0.00	0.00	0.79	3.27	6.28	3.36	5.04	1.10	1.00
4	Electricity, Gas, Water Supply & other Utility Services	22.02	14.93	10.71	9.92	8.78	30.38	26.00	15.79	15.56	14.57	10.95	11.27
5	Construction	1.06	3.39	0.00	0.02	0.01	6.83	7.10	7.65	8.02	33.46	4.25	3.97
B	Secondary (3+4+5)	23.07	18.32	10.72	9.94	8.79	38.00	36.36	29.72	26.94	53.07	16.30	16.23
6	Trade, Hotels & Restaurants	0.07	0.19	0.29	-0.11	-0.05	1.68	2.81	3.42	3.70	2.10	1.27	1.38
7	Transport, Storage & Communication	20.43	23.24	21.84	30.08	36.95	28.11	30.56	25.94	26.30	14.43	36.07	51.91
8	Financial Services	1.55	2.90	3.22	2.67	2.91	2.40	1.98	0.16	1.67	3.10	2.46	1.43
9	Real Estate, Ownership of Dwellings & Professional Services	0.00	0.00	0.00	0.00	0.00	0.21	0.94	3.16	1.32	0.92	0.53	1.42
10	Public Administration	47.31	44.24	57.20	50.45	45.35	17.57	15.71	21.84	23.11	20.09	22.11	20.37
11	Other Services	7.57	11.10	6.73	6.98	6.04	5.03	4.13	4.63	5.88	5.41	9.27	6.15
C	Tertiary (6 to 11)	76.93	81.68	89.28	90.06	91.21	55.01	56.14	59.17	61.97	46.03	71.71	82.67
TOTAL GFCF (A+B+C)		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

*Totals may not tally due to rounding off.

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

(At Current Prices)

(₹ Lakh)

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
B	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
C	Tertiary (6 to 11)	996112	480284	1183	17022	1494601
TOTAL GFCF (A+B+C)		1166702	702044	1183	72970	1942899

*Totals may not tally due to rounding off.

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

(At Current Prices)

(₹ Lakh)

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
B	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
C	Tertiary (6 to 11)	1151944	397689	2428	25234	1577295
TOTAL GFCF (A+B+C)		1395947	506324	2428	26423	1931122

*Totals may not tally due to rounding off.

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

(At Current Prices)

(₹ Lakh)

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
B	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

*Totals may not tally due to rounding off.

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

(At Current Prices)

(₹ Lakh)

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
B	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
C	Tertiary (6 to 11)	1838213	501156	539	29568	2369476
TOTAL GFCF (A+B+C)		2046135	554583	539	29633	2630890

*Totals may not tally due to rounding off.

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

(At Current Prices)

(₹ Lakh)

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
B	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

*Totals may not tally due to rounding off.

Table 2.6: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2016-17

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1	Agriculture, Forestry & Fishing	13	0	0	0	13
2	Mining & Quarrying	32351	57280	0	186770	276400
A	Primary (1+2)	32364	57280	0	186770	276413
3	Manufacturing	67	30962	18	138	31185
4	Electricity, Gas, Water Supply & other Utility Services	640081	558613	20	1734	1200448
5	Construction	262925	5386	30	1355	269696
B	Secondary (3+4+5)	903073	594960	68	3227	1501329
6	Trade, Hotels & Restaurants	33936	31760	28	708	66432
7	Transport, Storage & Communication	686539	407739	0	16433	1110711
8	Financial Services	37272	55487	0	2192	94950
9	Real Estate, Ownership of Dwellings & Professional Services	-249	3729	0	4939	8419
10	Public Administration	647622	39712	524	6391	694249
11	Other Services	183499	15078	1	235	198814
C	Tertiary (6 to 11)	1588619	553505	553	30898	2173575
TOTAL GFCF (A+B+C)		2524056	1205746	621	220894	3951317

*Totals may not tally due to rounding off.

Table 2.7: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2017-18

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1	Agriculture, Forestry & Fishing	16	0	0	0	16
2	Mining & Quarrying	26970	41739	0	293220	361929
A	Primary (1+2)	26986	41739	0	293220	361945
3	Manufacturing	33929	121374	-1	2424	157726
4	Electricity, Gas, Water Supply & other Utility Services	789697	463357	15	2644	1255713
5	Construction	334364	5440	15	3169	342988
B	Secondary (3+4+5)	1157989	590171	30	8236	1756427
6	Trade, Hotels & Restaurants	85058	48573	150	1749	135531
7	Transport, Storage & Communication	849526	564233	0	62591	1476350
8	Financial Services	32753	60419	0	2697	95869
9	Real Estate, Ownership of Dwellings & Professional Services	19033	18237	0	8364	45635
10	Public Administration	706197	45837	883	6104	759020
11	Other Services	172571	25327	0	1720	199618
C	Tertiary (6 to 11)	1865138	762626	1033	83226	2712023
TOTAL GFCF (A+B+C)		3050113	1394536	1063	384683	4830395

*Totals may not tally due to rounding off.

Table 2.8: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2018-19

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1	Agriculture, Forestry & Fishing	5	13	0	0	18
2	Mining & Quarrying	51213	72791	0	308584	432588
A	Primary (1+2)	51218	72804	0	308584	432606
3	Manufacturing	74159	164864	-159	5499	244364
4	Electricity, Gas, Water Supply & other Utility Services	399618	210308	2	4386	614314
5	Construction	283839	9357	7	4476	297679
B	Secondary (3+4+5)	757616	384529	-149	14361	1156357
6	Trade, Hotels & Restaurants	39459	97661	55	-4088	133088
7	Transport, Storage & Communication	452615	501556	0	55419	1009590
8	Financial Services	3998	1830	0	447	6274
9	Real Estate, Ownership of Dwellings & Professional Services	67094	49611	0	6366	123071
10	Public Administration	801110	43063	91	5733	849997
11	Other Services	152964	27098	5	254	180321
C	Tertiary (6 to 11)	1517239	720819	152	64131	2302341
TOTAL GFCF (A+B+C)		2326073	1178152	3	387076	3891304

*Totals may not tally due to rounding off.

Table 2.9: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2019-20

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1	Agriculture, Forestry & Fishing	63	17	0	0	80
2	Mining & Quarrying	43100	85805	0	304859	433764
A	Primary (1+2)	43163	85822	0	304859	433844
3	Manufacturing	38088	90601	-70	2633	131252
4	Electricity, Gas, Water Supply & other Utility Services	427933	178625	2	1841	608400
5	Construction	282297	26255	10	5089	313651
B	Secondary (3+4+5)	748318	295481	-58	9562	1053303
6	Trade, Hotels & Restaurants	33361	117546	22	-6328	144601
7	Transport, Storage & Communication	628985	370826	0	28385	1028196
8	Financial Services	29771	33037	0	2610	65418
9	Real Estate, Ownership of Dwellings & Professional Services	30397	19983	0	1068	51448
10	Public Administration	842352	52260	157	8698	903467
11	Other Services	189548	39968	3	280	229798
C	Tertiary (6 to 11)	1754414	633620	181	34713	2422928
TOTAL GFCF (A+B+C)		2545895	1014923	123	349134	3910075

*Totals may not tally due to rounding off.

Table 2.10: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2020-21

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1	Agriculture, Forestry & Fishing	196	45	0	0	241
2	Mining & Quarrying	5309	7080	0	20909	33298
A	Primary (1+2)	5505	7124	0	20909	33539
3	Manufacturing	66296	120295	-114	2260	188736
4	Electricity, Gas, Water Supply & other Utility Services	413473	129797	3	2101	545374
5	Construction	1145665	95999	34	11037	1252734
B	Secondary (3+4+5)	1625433	346090	-76	15397	1986844
6	Trade, Hotels & Restaurants	29316	53289	6	-4139	78473
7	Transport, Storage & Communication	248919	274256	0	16941	540116
8	Financial Services	40017	65058	0	10805	115880
9	Real Estate, Ownership of Dwellings & Professional Services	13957	17008	0	3422	34387
10	Public Administration	687329	55809	153	8596	751887
11	Other Services	168858	33415	0	75	202348
C	Tertiary (6 to 11)	1188396	498836	159	35700	1723091
TOTAL GFCF (A+B+C)		2819334	852051	83	72006	3743474

*Totals may not tally due to rounding off.

Table 2.11: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2021-22

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1	Agriculture, Forestry & Fishing	148	89	0	0	237
2	Mining & Quarrying	72183	168329	0	344890	585402
A	Primary (1+2)	72331	168418	0	344890	585639
3	Manufacturing	25677	27345	-26	835	53830
4	Electricity, Gas, Water Supply & other Utility Services	435310	98661	3	1268	535241
5	Construction	181161	24694	20	1639	207514
B	Secondary (3+4+5)	642148	150699	-3	3741	796585
6	Trade, Hotels & Restaurants	22102	44277	356	-4515	62220
7	Transport, Storage & Communication	1102619	655464	29	4683	1762795
8	Financial Services	38657	75442	0	6029	120128
9	Real Estate, Ownership of Dwellings & Professional Services	11594	12119	0	1952	25665
10	Public Administration	1017789	52488	126	9958	1080361
11	Other Services	389815	57174	7	6126	453123
C	Tertiary (6 to 11)	2582576	896965	518	24234	3504292
TOTAL GFCF (A+B+C)		3297054	1216082	515	372865	4886516

Table 2.12: ASSET WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2022-23

Sl. No.	Industry	Dwellings, Other Buildings and Structures	Machinery & Equipment	Cultivated Biological Resources	Intellectual Property Products	Total
1	Agriculture, Forestry & Fishing	171	46	0	0	217
2	Mining & Quarrying	13831	12430	0	34784	61046
A	Primary (1+2)	14002	12476	0	34784	61263
3	Manufacturing	13080	41645	-9	1026	55742
4	Electricity, Gas, Water Supply & other Utility Services	513682	112289	1	1785	627757
5	Construction	188741	29634	7	2643	221025
B	Secondary (3+4+5)	715503	183569	-2	5454	904524
6	Trade, Hotels & Restaurants	30171	49164	0	-2373	76962
7	Transport, Storage & Communication	1781831	1105341	15	5581	2892768
8	Financial Services	27011	51037	0	1834	79882
9	Real Estate, Ownership of Dwellings & Professional Services	34649	42984	0	1688	79322
10	Public Administration	1041522	83978	142	9241	1134884
11	Other Services	312430	28650	9	1593	342682
C	Tertiary (6 to 11)	3227615	1361155	166	17565	4606500
TOTAL GFCF (A+B+C)		3957120	1557199	164	57803	5572287

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

(at Current Prices)							(₹ Lakh)
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
B	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

*Totals may not tally due to rounding off.

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

(At Current Prices)

(₹ Lakh)

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
B	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

*Totals may not tally due to rounding off.

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

(At Current Prices)

(₹ Lakh)

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
B	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

*Totals may not tally due to rounding off.

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

(At Current Prices)

(₹ Lakh)

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
B	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

*Totals may not tally due to rounding off.

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

(at Current Prices)							(₹ Lakh)
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
B	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

*Totals may not tally due to rounding off.

Table 3.6: INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2016-17

(at Current Prices)							(₹ Lakh)
Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non-Departmental Enterprises	Supra-Regional Sectors	Total
1.	Agriculture, forestry & fishing	13	0	0	0	0	13
2.	Mining & Quarrying	0	0	0	276400	0	276400
A	Primary (1+2)	13	0	0	276400	0	276413
3.	Manufacturing	0	0	0	31185	0	31185
4.	Electricity, Gas, Water Supply & other Utility Services	0	57967	123547	1018934	0	1200448
5.	Construction	897	62	145	268592	0	269696
B	Secondary (3+4+5)	897	58029	123692	1318711	0	1501329
6.	Trade,hotels & restaurants	0	0	0	66432	0	66432
7.	Transport,Storage & Communication	0	0	0	250291	860420	1110711
8.	Financial Services	0	0	0	0	94950	94950
9.	Real estate,ownership of dwellings & professional services	0	0	0	8419	0	8419
10.	Public Administration	228647	110452	181632	0	173518	694249
11.	Other Services	172051	22043	4707	13	0	198814
C	Tertiary(6 to 11)	400698	132495	186339	325155	1128888	2173575
TOTAL GFCF (A+B+C)		401608	190524	310031	1920266	1128888	3951317

*Totals may not tally due to rounding off.

Table 3.7: INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2017-18

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non-Departmental Enterprises	Supra-Regional Sectors	Total
1.	Agriculture, forestry & fishing	16	0	0	0	0	16
2.	Mining & Quarrying	0	0	0	361929	0	361929
A	Primary (1+2)	16	0	0	361929	0	361945
3.	Manufacturing	0	0	0	157726	0	157726
4.	Electricity, Gas, Water Supply & other Utility Services	0	109325	130048	1016340	0	1255713
5.	Construction	3	61	65	342859	0	342988
B	Secondary (3+4+5)	3	109386	130113	1516925	0	1756427
6.	Trade,hotels & restaurants	0	0	0	135531	0	135531
7.	Transport,Storage & Communication	0	0	0	553283	923067	1476350
8.	Financial Services	0	0	0	0	95869	95869
9.	Real estate,ownership of dwellings & professional services	0	0	0	45635	0	45635
10.	Public Administration	207611	112031	274876	0	164502	759020
11.	Other Services	141443	29696	28466	13	0	199618
C	Tertiary(6 to 11)	349054	141727	303342	734462	1183438	2712023
TOTAL GFCF (A+B+C)		349073	251113	433455	2613316	1183438	4830395

*Totals may not tally due to rounding off.

Table 3.8: INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2018-19

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non-Departmental Enterprises	Supra-Regional Sectors	Total
1.	Agriculture, forestry & fishing	18	0	0	0	0	18
2.	Mining & Quarrying	0	0	0	432588	0	432588
A	Primary (1+2)	18	0	0	432588	0	432606
3.	Manufacturing	0	0	0	244364	0	244364
4.	Electricity, Gas, Water Supply & other Utility Services	0	24875	164286	425153	0	614314
5.	Construction	1189	735	432	295323	0	297679
B	Secondary (3+4+5)	1189	25610	164718	964840	0	1156357
6.	Trade,hotels & restaurants	0	0	0	133088	0	133088
7.	Transport,Storage & Communication	0	0	0	139756	869834	1009590
8.	Financial Services	0	0	0	0	6274	6274
9.	Real estate,ownership of dwellings & professional services	0	0	0	123071	0	123071
10.	Public Administration	278647	92943	302287	0	176120	849997
11.	Other Services	107937	36534	35852	-2	0	180321
C	Tertiary(6 to 11)	386584	129477	338139	395913	1052228	2302341
TOTAL GFCF (A+B+C)		387791	155087	502857	1793341	1052228	3891304

*Totals may not tally due to rounding off.

Table 3.9: INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2019-20

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non-Departmental Enterprises	Supra-Regional Sectors	Total
1.	Agriculture, forestry & fishing	30	0	0	50	0	80
2.	Mining & Quarrying	0	0	0	433764	0	433764
A	Primary (1+2)	30	0	0	433814	0	433844
3.	Manufacturing	0	0	0	131252	0	131252
4.	Electricity, Gas, Water Supply & other Utility Services	0	78091	204140	326169	0	608400
5.	Construction	19538	853	441	292819	0	313651
B	Secondary (3+4+5)	19538	78944	204581	750240	0	1053303
6.	Trade,hotels & restaurants	0	0	0	144601	0	144601
7.	Transport,Storage & Communication	0	0	0	391401	636795	1028196
8.	Financial Services	0	0	0	0	65418	65418
9.	Real estate,ownership of dwellings & professional services	0	0	0	51448	0	51448
10.	Public Administration	377767	77890	237404	0	210406	903467
11.	Other Services	179987	20614	29199	-2	0	229798
C	Tertiary(6 to 11)	557754	98504	266603	587448	912619	2422928
TOTAL GFCF (A+B+C)		577322	177448	471184	1771502	912619	3910075

*Totals may not tally due to rounding off.

Table 3.10: INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR) - 2020-21

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non-Departmental Enterprises	Supra-Regional Sectors	Total
1.	Agriculture, forestry & fishing	178	0	0	63	0	241
2.	Mining & Quarrying	0	0	0	33298	0	33298
A	Primary (1+2)	178	0	0	33361	0	33539
3.	Manufacturing	0	0	0	188736	0	188736
4.	Electricity, Gas, Water Supply & other Utility Services	0	75315	217427	252632	0	545374
5.	Construction	27920	643	137	1224034	0	1252734
B	Secondary (3+4+5)	27920	75958	217564	1665402	0	1986844
6.	Trade,hotels & restaurants	0	0	0	78473	0	78473
7.	Transport,Storage & Communication	0	0	0	195882	344234	540116
8.	Financial Services	0	0	0	0	115880	115880
9.	Real estate,ownership of dwellings & professional services	0	0	0	34387	0	34387
10.	Public Administration	257293	69079	196802	0	228713	751887
11.	Other Services	171859	15069	15396	24	0	202348
C	Tertiary(6 to 11)	429152	84148	212198	308766	688827	1723091
TOTAL GFCF (A+B+C)		457250	160106	429762	2007529	688827	3743474

*Totals may not tally due to rounding off.

Table 3.11 : INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR)- 2021-22

(at Current Prices)

(₹ Lakh)

Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non-Departmental Enterprises	Supra-Regional Sectors	Total
1.	Agriculture, forestry & fishing	214	0	0	23	0	237
2.	Mining & Quarrying	0	0	0	585402	0	585402
A	Primary (1+2)	214	0	0	585425	0	585639
3.	Manufacturing	0	0	0	53830	0	53830
4.	Electricity, Gas, Water Supply & other Utility Services	0	60989	227090	247162	0	535241
5.	Construction	14293	805	55	192361	0	207514
B	Secondary (3+4+5)	14293	61794	227145	493353	0	796585
6.	Trade,hotels & restaurants	0	0	0	62220	0	62220
7.	Transport,Storage & Communication	0	0	0	1121122	641673	1762795
8.	Financial Services	0	0	0	0	120128	120128
9.	Real estate,ownership of dwellings & professional services	0	0	0	25665	0	25665
10.	Public Administration	413999	72905	359773	0	233684	1080361
11.	Other Services	362283	22733	23663	44444	0	453123
C	Tertiary(6 to 11)	776282	95638	383436	1253451	995485	3504292
TOTAL GFCF (A+B+C)		790789	157432	610581	2332229	995485	4886516

Table 3.12 : INSTITUTION WISE GROSS FIXED CAPITAL FORMATION IN DELHI (PUBLIC SECTOR)- 2022-23

(at Current Prices)

(₹ Lakh)

Sl. No.	Industry	Delhi Govt.	Local Bodies	DDA, DJB & other State Autonomous Bodies	Non-Departmental Enterprises	Supra-Regional Sectors	Total
1.	Agriculture, forestry & fishing	165	0	0	52	0	217
2.	Mining & Quarrying	0	0	0	61046	0	61046
A	Primary (1+2)	165	0	0	61098	0	61263
3.	Manufacturing	0	0	0	55742	0	55742
4.	Electricity, Gas, Water Supply & other Utility Services	0	8869	318115	300773	0	627757
5.	Construction	14369	7	216	206433	0	221025
B	Secondary (3+4+5)	14369	8876	318331	562948	0	904524
6.	Trade,hotels & restaurants	0	0	0	76962	0	76962
7.	Transport,Storage & Communication	0	0	0	2421301	471467	2892768
8.	Financial Services	0	0	0	0	79882	79882
9.	Real estate,ownership of dwellings & professional services	0	0	0	79322	0	79322
10.	Public Administration	492956	56323	330811	0	254794	1134884
11.	Other Services	303656	10963	27194	869	0	342682
C	Tertiary(6 to 11)	796612	67286	358005	2578454	806143	4606500
TOTAL GFCF (A+B+C)		811146	76162	676336	3202500	806143	5572287

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

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Agriculture, Forestry & Fishing	7	3	4	31	5	13	16	18	30	178	214	165
2	Mining & Quarrying	0	0	0	0	0	0	0	0	0	0	0	0
A	Primary (1+2)	7	3	4	31	5	13	16	18	30	178	214	165
3	Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0
4	Electricity, Gas, Water Supply & other Utility Services	0	0	0	0	0	0	0	0	0	0	0	0
5	Construction	475	2	2	2	1	897	3	1189	19538	27920	14293	14369
B	Secondary (3+4+5)	475	2	2	2	1	897	3	1189	19538	27920	14293	14369
6	Trade, Hotels & Restaurants	0	0	0	0	0	0	0	0	0	0	0	0
7	Transport, Storage & Communication	0	0	0	0	0	0	0	0	0	0	0	0
8	Financial Services	0	0	0	0	0	0	0	0	0	0	0	0
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0	0	0	0	0	0	0
10	Public Administration	233946	237324	336123	335002	335695	228647	207611	278647	377767	257293	413999	492956
11	Other Services	60842	72419	94727	104906	142211	172051	141443	107937	179987	171859	362283	303656
C	Tertiary (6 to 11)	294788	309743	430850	439908	477906	400698	349054	386584	557754	429152	776282	796612
TOTAL GFCF (A+B+C)		295270	309748	430856	439941	477912	401608	349073	387791	577322	457250	790789	811146

*Totals may not tally due to rounding off.

Table 4.2: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF MCD

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Agriculture, Forestry & Fishing	0	0	0	0	0	0	0	0	0	0	0	0
2	Mining & Quarrying	0	0	0	0	0	0	0	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0	0	0	0	0	0	0	0
3	Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0
4	Electricity, Gas, Water Supply & other Utility Services	40491	41381	29582	33025	40825	52266	103375	19074	56301	66684	56472	5070
5	Construction	0	0	1	316	6	62	61	735	853	621	805	0
B	Secondary (3+4+5)	40491	41381	29583	33341	40831	52328	103436	19809	57154	67305	57277	5070
6	Trade, Hotels & Restaurants	0	0	0	0	0	0	0	0	0	0	0	0
7	Transport, Storage & Communication	0	0	0	0	0	0	0	0	0	0	0	0
8	Financial Services	0	0	0	0	0	0	0	0	0	0	0	0
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0	0	0	0	0	0	0
10	Public Administration	130192	151642	162946	128631	99115	100174	103460	77683	68820	52507	60714	48937
11	Other Services	25779	33385	43856	34770	25004	20574	27594	35317	19610	14439	21463	10044
C	Tertiary (6 to 11)	155971	185027	206802	163401	124119	120748	131054	113000	88430	66946	82177	58981
TOTAL GFCF (A+B+C)		196462	226408	236385	196742	164950	173076	234490	132809	145584	134251	139454	64051

*Totals may not tally due to rounding off.

Table 4.2.1: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF NORTH DMC

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	Agriculture, Forestry & Fishing	0	0	0	0	0	0	0	0	0	0	0
2	Mining & Quarrying	0	0	0	0	0	0	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0	0	0	0	0	0	0
3	Manufacturing	0	0	0	0	0	0	0	0	0	0	0
4	Electricity, Gas, Water Supply & other Utility Services	0	13862	19541	21186	20334	21183	42542	6278	25971	27522	21868
5	Construction	0	0	0	0	0	0	5	1	0	35	10
B	Secondary (3+4+5)	0	13862	19541	21186	20334	21183	42547	6279	25971	27557	21878
6	Trade, Hotels & Restaurants	0	0	0	0	0	0	0	0	0	0	0
7	Transport, Storage & Communication	0	0	0	0	0	0	0	0	0	0	0
8	Financial Services	0	0	0	0	0	0	0	0	0	0	0
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0	0	0	0	0	0
10	Public Administration	0	57402	52438	43064	26031	30227	28535	28456	17898	23287	17865
11	Other Services	0	16553	16917	13523	14994	8790	14084	20436	9460	7540	3667
C	Tertiary (6 to 11)	0	73955	69355	56587	41025	39017	42619	48892	27358	30827	21532
TOTAL GFCF (A+B+C)		0	87817	88896	77773	61359	60200	85166	55171	53329	58384	43410

*Totals may not tally due to rounding off.

Table 4.2.2: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF EAST DMC

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	Agriculture, Forestry & Fishing	0	0	0	0	0	0	0	0	0	0	0
2	Mining & Quarrying	0	0	0	0	0	0	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0	0	0	0	0	0	0
3	Manufacturing	0	0	0	0	0	0	0	0	0	0	0
4	Electricity, Gas, Water Supply & other Utility Services	0	7306	7367	10862	8	9614	27270	9195	21357	28609	23952
5	Construction	0	0	1	0	0	0	0	0	0	0	0
B	Secondary (3+4+5)	0	7306	7368	10862	8	9614	27270	9195	21357	28609	23952
6	Trade, Hotels & Restaurants	0	0	0	0	0	0	0	0	0	0	0
7	Transport, Storage & Communication	0	0	0	0	0	0	0	0	0	0	0
8	Financial Services	0	0	0	0	0	0	0	0	0	0	0
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0	0	0	0	0	0
10	Public Administration	0	19943	26386	18219	24626	11123	18677	7427	11577	3299	12566
11	Other Services	0	6972	7463	406	2141	1519	2998	2311	2122	1843	12991
C	Tertiary (6 to 11)	0	26915	33849	18625	26767	12642	21675	9738	13699	5142	25557
TOTAL GFCF (A+B+C)		0	34221	41217	29487	26775	22256	48945	18933	35056	33751	49509

*Totals may not tally due to rounding off.

Table 4.2.3: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF SOUTH DMC

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	Agriculture, Forestry & Fishing	0	0	0	0	0	0	0	0	0	0	0
2	Mining & Quarrying	0	0	0	0	0	0	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0	0	0	0	0	0	0
3	Manufacturing	0	0	0	0	0	0	0	0	0	0	0
4	Electricity, Gas, Water Supply & other Utility Services	0	20213	2674	977	20483	21469	33563	3601	8973	10553	10652
5	Construction	0	0	0	316	6	62	56	734	853	586	795
B	Secondary (3+4+5)	0	20213	2674	1293	20489	21531	33619	4335	9826	11139	11447
6	Trade, Hotels & Restaurants	0	0	0	0	0	0	0	0	0	0	0
7	Transport, Storage & Communication	0	0	0	0	0	0	0	0	0	0	0
8	Financial Services	0	0	0	0	0	0	0	0	0	0	0
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0	0	0	0	0	0
10	Public Administration	0	74297	84122	67348	48458	58824	56248	41800	39345	25921	30283
11	Other Services	0	9860	19476	20841	7869	10265	10512	12570	8028	5056	4805
C	Tertiary (6 to 11)	0	84157	103598	88189	56327	69089	66760	54370	47373	30977	35088
TOTAL GFCF (A+B+C)		0	104370	106272	89482	76816	90620	100379	58705	57199	42116	46535

*Totals may not tally due to rounding off.

Table 4.3: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF NDMC

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Agriculture, Forestry & Fishing	0	0	0	0	0	0	0	0	0	0	0	0
2	Mining & Quarrying	0	0	0	0	0	0	0	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0	0	0	0	0	0	0	0
3	Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0
4	Electricity, Gas, Water Supply & other Utility Services	4860	7977	4115	5203	2762	5701	5950	5801	20788	8433	4110	3758
5	Construction	0	0	0	0	0	0	0	0	0	18	0	7
B	Secondary (3+4+5)	4860	7977	4115	5203	2762	5701	5950	5801	20788	8451	4110	3765
6	Trade, Hotels & Restaurants	0	0	0	0	0	0	0	0	0	0	0	0
7	Transport, Storage & Communication	0	0	0	0	0	0	0	0	0	0	0	0
8	Financial Services	0	0	0	0	0	0	0	0	0	0	0	0
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0	0	0	0	0	0	0
10	Public Administration	21690	18811	14042	12092	6578	9000	7471	13389	6617	12939	9411	6604
11	Other Services	504	971	1460	544	539	1201	1640	738	410	623	974	714
C	Tertiary (6 to 11)	22194	19782	15502	12636	7117	10201	9111	14127	7027	13562	10385	7318
TOTAL GFCF (A+B+C)		27054	27759	19617	17839	9879	15902	15061	19928	27815	22013	14495	11083

*Totals may not tally due to rounding off.

Table 4.4: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF DCB

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Agriculture, Forestry & Fishing	0	0	0	0	0	0	0	0	0	0	0	0
2	Mining & Quarrying	0	0	0	0	0	0	0	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0	0	0	0	0	0	0	0
3	Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0
4	Electricity, Gas, Water Supply & other Utility Services	638	0	0	0	0	0	0	0	1002	198	407	41
5	Construction	0	0	0	0	0	0	0	0	0	4	0	0
B	Secondary (3+4+5)	638	0	0	0	0	0	0	0	1002	202	407	41
6	Trade, Hotels & Restaurants	0	0	0	0	0	0	0	0	0	0	0	0
7	Transport, Storage & Communication	0	0	0	0	0	0	0	0	0	0	0	0
8	Financial Services	0	0	0	0	0	0	0	0	0	0	0	0
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0	0	0	0	0	0	0
10	Public Administration	117	1811	1651	403	1952	1278	1100	1871	2453	3633	2780	782
11	Other Services	0	72	0	0	339	268	462	479	594	7	296	205
C	Tertiary (6 to 11)	117	1883	1651	403	2291	1546	1562	2350	3047	3640	3076	987
TOTAL GFCF (A+B+C)		755	1883	1651	403	2291	1546	1562	2350	4049	3842	3483	1028

*Totals may not tally due to rounding off.

Table 4.5: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF DJB

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Agriculture, Forestry & Fishing	0	0	0	0	0	0	0	0	0	0	0	0
2	Mining & Quarrying	0	0	0	0	0	0	0	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0	0	0	0	0	0	0	0
3	Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0
4	Electricity, Gas, Water Supply & other Utility Services	130777	140789	156401	158902	145849	123547	130048	164286	204140	217427	227090	318115
5	Construction	0	0	0	0	0	0	0	0	0	0	0	0
B	Secondary (3+4+5)	130777	140789	156401	158902	145849	123547	130048	164286	204140	217427	227090	318115
6	Trade, Hotels & Restaurants	0	0	0	0	0	0	0	0	0	0	0	0
7	Transport, Storage & Communication	0	0	0	0	0	0	0	0	0	0	0	0
8	Financial Services	0	0	0	0	0	0	0	0	0	0	0	0
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0	0	0	0	0	0	0
10	Public Administration	762	0	0	0	0	0	0	0	0	0	0	0
11	Other Services	0	0	0	0	0	0	0	0	0	0	0	0
C	Tertiary (6 to 11)	762	0	0	0	0	0	0	0	0	0	0	0
TOTAL GFCF (A+B+C)		131539	140789	156401	158902	145849	123547	130048	164286	204140	217427	227090	318115

*Totals may not tally due to rounding off.

Table 4.6: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF DDA

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Agriculture, Forestry & Fishing	0	0	0	0	0	0	0	0	0	0	0	0
2	Mining & Quarrying	0	0	0	0	0	0	0	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0	0	0	0	0	0	0	0
3	Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0
4	Electricity, Gas, Water Supply & other Utility Services	0	0	0	0	0	0	0	0	0	0	0	0
5	Construction	20058	65548	17	190	283	145	65	432	441	137	55	216
B	Secondary (3+4+5)	20058	65548	17	190	283	145	65	432	441	137	55	216
6	Trade, Hotels & Restaurants	0	0	0	0	0	0	0	0	0	0	0	0
7	Transport, Storage & Communication	0	0	0	0	0	0	0	0	0	0	0	0
8	Financial Services	0	0	0	0	0	0	0	0	0	0	0	0
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0	0	0	0	0	0	0
10	Public Administration	224796	97842	181415	149687	236301	161211	263937	296712	232392	194296	349218	317123
11	Other Services	0	0	0	0	0	0	0	0	0	0	0	0
C	Tertiary (6 to 11)	224796	97842	181415	149687	236301	161211	263937	296712	232392	194296	349218	317123
TOTAL GFCF (A+B+C)		244854	163390	181432	149877	236584	161356	264002	297144	232833	194433	349273	317339

*Totals may not tally due to rounding off.

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

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Agriculture, Forestry & Fishing	0	0	0	0	0	0	0	0	0	0	0	0
2	Mining & Quarrying	0	0	0	0	0	0	0	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0	0	0	0	0	0	0	0
3	Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0
4	Electricity, Gas, Water Supply & other Utility Services	0	0	0	0	0	0	0	0	0	0	0	0
5	Construction	0	0	0	0	0	0	0	0	0	0	0	0
B	Secondary (3+4+5)	0	0	0	0	0	0	0	0	0	0	0	0
6	Trade, Hotels & Restaurants	0	0	0	0	0	0	0	0	0	0	0	0
7	Transport, Storage & Communication	0	0	0	0	0	0	0	0	0	0	0	0
8	Financial Services	0	0	0	0	0	0	0	0	0	0	0	0
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0	0	0	0	0	0	0
10	Public Administration	194	397	34552	30439	31323	20421	10939	5575	5012	2506	10555	13688
11	Other Services	59878	107462	25182	43395	6851	4707	28466	35852	29199	15396	23663	27194
C	Tertiary (6 to 11)	60072	107859	59734	73834	38174	25128	39405	41427	34211	17902	34218	40882
TOTAL GFCF (A+B+C)		60072	107859	59734	73834	38174	25128	39405	41427	34211	17902	34218	40882

*Totals may not tally due to rounding off.

Table 4.8: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF NDEs

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Agriculture, Forestry & Fishing	0	0	0	0	0	0	0	0	50	63	23	52
2	Mining & Quarrying	0	0	0	0	0	276400	361929	432588	433764	33298	585402	61046
A	Primary (1+2)	0	0	0	0	0	276400	361929	432588	433814	33361	585425	61098
3	Manufacturing	0	3	5	5	2	31185	157726	244364	131252	188736	53830	55742
4	Electricity, Gas, Water Supply & other Utility Services	250992	98124	72769	63740	64797	1018934	1016340	425153	326169	252632	247162	300773
5	Construction	0	0	0	0	0	268592	342859	295323	292819	1224034	192361	206433
B	Secondary (3+4+5)	250992	98127	72774	63745	64799	1318711	1516925	964840	750240	1665402	493353	562948
6	Trade, Hotels & Restaurants	1286	3721	7157	-2782	-1345	66432	135531	133088	144601	78473	62220	76962
7	Transport, Storage & Communication	3060	2486	794	119	73	250291	553283	139756	391401	195882	1121122	2421301
8	Financial Services	0	0	0	0	0	0	0	0	0	0	0	0
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	8419	45635	123071	51448	34387	25665	79322
10	Public Administration	0	0	0	0	0	0	0	0	0	0	0	0
11	Other Services	0	0	0	0	0	13	13	-2	-2	24	44444	869
C	Tertiary (6 to 11)	4346	6207	7951	-2663	-1272	325155	734462	395913	587448	308766	1253451	2578454
TOTAL GFCF (A+B+C)		255338	104334	80725	61082	63527	1920266	2613316	1793341	1771502	2007529	2332229	3202500

*Totals may not tally due to rounding off.

Table 4.9: INDUSTRY WISE GROSS FIXED CAPITAL FORMATION OF SUPRA-REGIONAL SECTORS

(At Current Prices)

(₹ Lakh)

Sl. No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Agriculture, Forestry & Fishing	0	0	0	0	0	0	0	0	0	0	0	0
2	Mining & Quarrying	0	0	0	0	0	0	0	0	0	0	0	0
A	Primary (1+2)	0	0	0	0	0	0	0	0	0	0	0	0
3	Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0
4	Electricity, Gas, Water Supply & other Utility Services	0	0	0	0	0	0	0	0	0	0	0	0
5	Construction	0	0	0	0	0	0	0	0	0	0	0	0
B	Secondary (3+4+5)	0	0	0	0	0	0	0	0	0	0	0	0
6	Trade, Hotels & Restaurants	0	0	0	0	0	0	0	0	0	0	0	0
7	Transport, Storage & Communication	393797	446370	535051	791153	1069431	860420	923067	869834	636795	344234	641673	471467
8	Financial Services	30212	56029	78980	70154	84365	94950	95869	6274	65418	115880	120128	79882
9	Real Estate, Ownership of Dwellings & Professional Services	0	0	0	0	0	0	0	0	0	0	0	0
10	Public Administration	307546	346553	672446	670963	601872	173518	164502	176120	210406	228713	233684	254794
11	Other Services	0	0	0	0	0	0	0	0	0	0	0	0
C	Tertiary (6 to 11)	731555	848952	1286477	1532270	1755668	1128888	1183438	1052228	912619	688827	995485	806143
TOTAL GFCF (A+B+C)		731555	848952	1286477	1532270	1755668	1128888	1183438	1052228	912619	688827	995485	806143

*Totals may not tally due to rounding off.

ANNEXURES

ABBREVIATIONS USED

Aso	-	Expenditure on Acquiring Animal Stock
Bor	-	Dwellings
Bonr	-	Non-Residential Buildings & Structures
Cao	-	Expenditure on Acquiring Cultivated Assets
Co	-	Other Construction
DCB	-	Delhi Cantonment Board
DDA	-	Delhi Development Authority
DEs	-	Departmental Enterprises
DJB	-	Delhi Jal Board
GFCF	-	Gross Fixed Capital Formation
GDP	-	Gross Domestic Product
GSDP	-	Gross State Domestic Product
MCD	-	Municipal Corporation of Delhi
Mo	-	Expenditure on Purchase of Machinery & Equipments
NDMC	-	New Delhi Municipal Council
NDEs	-	Non Departmental Enterprises
NSO	-	National Statistical Office
NVA	-	Net Value Added
RAC	-	Regional Accounts Committee
Ro	-	Roads & Bridges Outlays
So	-	Expenditure on Purchase of Software
Tro	-	Expenditure on Purchase of Transport
ICT	-	Information, Computer & Telecommunications
IPP	-	Intellectual Property product
LI	-	Land Improvement
R&D	-	Research & Development

**Definitions of the items used in
Economic Classification**

Gross Fixed Capital Formation represents the gross value of the goods, which are added to the domestic capital stocks during a year. It comprises the expenditure on the acquisition as well as own account production of fixed assets. This also include 'renewals and replacements' as well. The gross fixed capital formation has been classified into:

1. **Buildings:** Buildings include all expenditure on new construction and major alternations to residential and non-residential buildings during the year. It includes construction costs of the buildings together with cost of external and internal fixtures during the year.
2. **Other Construction:** include expenditure works on power and irrigation projects, flood control, forest clearance, land reclamation, water supply and sanitation etc.
3. **Roads & Bridges:** Expenditure on construction of roads and bridges is considered.
4. **Other Capital Outlay:** This include office assets acquired by the administrative departments which are necessary for day to day functioning of the government e.g. office furniture etc.
5. **Transport Equipment** includes expenditure incurred on the purchase of various equipments such as buses, jeeps, trucks, tractors for road haulage.
6. **Machinery & equipments** include expenditure incurred on the purchase of various machinery such as power generating machinery, agricultural machinery and implements, machinery and equipment and instruments used by professional men. Under this head the expenditure shown against renewals and replacements refers mainly to Departmental Enterprises.
7. **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. Eg. expenditure on mobile phones, fax machines, radio communication, internet, wireless, electronic printers etc.
8. **Software:** This includes all the software purchased or generated with in the government for the improvement in day to day work. However, the software which is inseparable with the computer such as Operating System has to be included in the machinery itself.

9. **Cultivated Assets** include plantations, orchards and other cash crops having life for more than a year.
10. **Animal Stock:** This being prevalent in particular defence services & other departments concerned with security and animal husbandry departments by way of horses, camels etc.,

ANNEXURE~III

Methodology at National Level for compilation of Gross Fixed Capital Formation(GFCF)

(Source:~“Changes in methodology and data sources in the new series of National Accounts Base Year 2011~12”published by MoSPI)

6.6. CAPITAL FORMATION

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
GROSS FIXED CAPITAL FORMATION BY TYPE OF ASSET			
Dwellings, Other Buildings & Structures (DOBS) Asset			
Overall Estimate	Seven basic material groups (viz. Cement & Cement Products, Iron & Steel, Bricks & Tiles, Timber & Roundwood, Bitumen & Bitumen Mixtures/Products, Glass & Glass Products and Fixtures & Fittings) and Other Materials & Service Charges	i. Through commodity flow approach for Pucca DOBS using basic materials, other materials & service charges and factor inputs/payments. ii. Through Expenditure approach for Kutcha DOBS. iii. Only New Construction forms part of GFCF <i>(ASI Output adjusted for corresponding output estimated in the manufacturing sector by adopting enterprise approach)</i>	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
Institution-wise details			
General Government (GG)	Budget documents of Administration Departments and Annual Reports of Autonomous Bodies	New capital outlay on DOBS (both pucca and kutcha) as obtained from the analysis of budget documents & annual reports (by expenditure approach)	same as above
Public Corporations	Budget documents of DEs	Same as above	same as above
	Annual Reports of NDEs	GFCF is estimated from fixed asset block of annual reports	same as above
Private Corporations	MCA21 database for the annual reports of Private Sector Companies	Non-government companies: GFCF is derived from MCA21 database and blown up for non-responding companies on the basis of paid up capital	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
	RBI for private and foreign banks	Private & Foreign Banks: GFCF is estimated from details of assets and liabilities by RBI	
	Annual reports from insurance companies	Insurance companies: GFCF is estimated from fixed asset block of annual reports	
	NABARD for co-operative societies	Co-operative Societies: based on the data on fixed assets obtained from NABARD	
	NSS 67 th Round ES, 2010-11 for quasi-corporations (unincorporated manufacturing and services)	Quasi-corporations (unincorporated manufacturing and services): Initially, estimates of GFCF for quasi-corporations are prepared by industry, using ratio of capital stock to GVA derived from NSS 67 th Round for enterprises maintaining accounts and	

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
Private Corporations (Contd.)		applied on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. The stocks of assets are distributed by assets based on the asset-wise distribution of stocks from NSS 67 th Round. GFCF by asset (DOBS) is then estimated as the difference between two successive years' stocks for each asset.	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
	ASI, detailed results for quasi-corporations (unincorporated manufacturing enterprises covered under ASI)	i. ii. iii. iv. v. vi. Quasi-corporations (unincorporated manufacturing enterprises covered under ASI): GFCF for "Individual Proprietorship, Joint Family (HUF), Partnership, Khadi & Village Industries Commission, Handlooms, Others" is derived from ASI.	
Households	Pucca DOBS	GFCF-Pucca DOBS of households = Total value of GFCF-Pucca DOBS - value of new construction in GG, Financial & Non-Financial Public & Private Corporations.	same as above
	Kutcha DOBS i. All India Debt & Investment Survey (AIDIS) 2013, for investment in rural and urban residential buildings ii. Population Census for number of dwellings iii. NSS 65 th Round Housing Condition Survey, 2008-09	Estimated using capital expenditure on New Construction per dwelling from AIDIS 2013, number of dwellings and ratios for kutcha and pucca dwellings from NSS 65 th round.	same as above
Machinery & Equipment (M&E) Asset			
Overall Estimate	i. Detailed results of ASI for organised sector ii. EXIM databank for net imports iii. CBEC for excise & customs duty iv. NSS 67 th Round ES, 2010-11 for un-organised part	Total GFCF in M&E asset = Sum of ex-factory value of capital goods from organised and un-organised sectors + TTMs + excise duty + imports of capital goods + import duty for these items - exports of capital goods (<i>ASI Output adjusted for corresponding output estimated in the manufacturing sector by adopting enterprise approach</i>)	same as above
Institution-wise details			

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
General Government (GG)	Budget documents of Administration Departments and Autonomous Bodies	Capital expenditure on M&E obtained from the analysis of budget documents & annual reports (by expenditure approach)	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
Public Corporations	Budget documents of DEs	Same as above	same as above
	Annual Reports of NDEs	GFCF is estimated from fixed asset block of annual reports	same as above
Private Corporations	MCA21 database for the annual reports of Private Sector Companies	Derived from MCA21 database and blown up for non-responding companies on the basis of paid up capital	same as above
	RBI for private and foreign banks	Estimated from details of assets and liabilities by RBI	same as above
	Annual reports from insurance companies	Estimated from fixed asset block of annual reports	same as above
	NABARD for cooperative societies	Estimated on the basis of the data obtained on fixed assets from NABARD	same as above
	NSS 67 th Round ES, 2010-11 for quasi-corporations (unincorporated manufacturing and services)	Estimates of GFCF for quasi-corporations are prepared by industry, using ratio of capital stock to GVA derived from NSS 67 th Round for enterprises maintaining accounts and applied on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. The stocks of assets are distributed by assets based on the asset-wise distribution of stocks from NSS 67 th Round. GFCF by asset (M&E) is then estimated as the difference between two successive years' stocks for each asset.	same as above
	ASI detailed results for Quasi-corporations (unincorporated manufacturing enterprises covered under ASI)	Derived from the data on "Individual Proprietorship, Joint Family (HUF), Partnership, Khadi & Village Industries Commission, Handlooms, Others" from ASI.	same as above
Households		Derived as a residual from the total GFCF in M&E asset	same as above

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
Cultivated Biological Resources (CBR) Asset			
Overall Estimate	i. Total capital expenditure on plantations (cost structure) from NABARD ii. Increment in area under cultivation from States' DES iii. Increment in livestock from Livestock Census 2012	Plantation & orchards: using expenditure approach Increment in livestock (for breeding, dairying and draught animals) used as capital asset has been estimated using Livestock Census 2012	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
Institution-wise details			
General Government (GG)	Budget documents of Administration Departments and Autonomous Bodies	From the analysis of budget documents & annual reports (by expenditure approach)	same as above
Public Corporations	Budget documents of DEs	Same as above	same as above
	Annual Reports of NDEs	Estimated from fixed asset block of annual reports	same as above
Private Corporations	MCA21 database for the annual reports of Private Sector Companies	Non-government companies: GFCF-CBR is derived from MCA21 database and blown up for non-responding companies on the basis of paid up capital	same as above
Households		Derived as a residual from the total GFCF in CBR asset	same as above
Intellectual Property Products (IPP) Asset			
Overall Estimate	i. Total capital expenditure on Research & Development activities (R&D) ii. Mineral Exploration & Evaluation iii. Computer Software & Database	Expenditure Approach is used.	same as above
General Government (GG)	Budget documents of Administration Departments and Autonomous Bodies	From the analysis of budget documents & annual reports (by expenditure approach)	same as above
Public Corporations	Budget documents of DEs	Same as above	same as above
	Annual Reports of NDEs	Estimated from reported expenditure on IPPs	same as above

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
Private Corporations	MCA21 database for the annual reports of Private Sector Companies	Derived from MCA21 database and blown up for non-responding companies on the basis of paid up capital	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
	NSS 67 th Round ES, 2010-11 for quasi-corporations (unincorporated manufacturing and services)	Information is available for only software asset, under IPP, which is compiled using NSS 67 th Round Survey	same as above
Households	NSS 67 th Round ES, 2010-11, excluding quasi-corporations (unincorporated manufacturing and services)	GFCF in households consists of mainly software asset under IPP, which is compiled using NSS 67 th Round Survey	same as above
Valuables	i. Production: ASI and IBM ii. EXIM databank for net imports	Total availability = Production (adjusted for inter-industry use) + net imports	same as above
GROSS FIXED CAPITAL FORMATION BY INDUSTRY OF USE – expenditure method			
1. Crops			
(a) Public corporations	Budget documents of DEs and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	same as above
(b) General government	No enterprises of General Government in this industry		
(c) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	same as above
(d) Household sector			
♦ Other buildings and structures	AIDIS 2013	Benchmark estimate worked out from AIDIS is moved for other years using output of agriculture.	same as above
♦ Machinery & equipment	ASI 2011-12	Ex-factory value of agriculture machinery & implements for the base year is taken ASI 2011-12 unit level data for NPCMS codes for this category. Estimate for household sector is obtained by deducting the estimate of GFCF for agricultural machinery from public & private corporations. This is moved for other years using output of agriculture.	same as above

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
♦ Plantation	♦ NABARD for cost structure ♦ Increment in area covered under plantation	From total capital expenditure in plantation, information on the corresponding asset from the MCA21 database for private corporations and from budgets, annual reports for public corporations, the capital expenditure for the household sector is worked out as a residual.	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
♦ Increment in livestock	Livestock Census 2012	From total increment in livestock (fixed asset), information on the corresponding asset from the MCA21 database for private corporations and from budgets, annual reports for public corporations, the increment in livestock for the household sector is worked out as a residual. Increment in livestock in respect of Adult Cattle Male and Adult Buffalo Male are apportioned to crops industry.	Same as above
2. Livestock			
(a) General government	No enterprises of General Government in this industry		
(b) Public corporations	No Public Corporations in this industry		
(c) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF derived from MCA21 database	Same as above
(d) Household sector			
♦ Other buildings and structures	AIDIS 2013	Benchmark estimate worked out from AIDIS is moved for other years with output of agriculture.	Same as above
♦ Increment in livestock	Livestock Census 2012	Same as methodology for corresponding asset of crops industry. Increment in livestock in respect of animals other than Adult Cattle Male and Adult Buffalo Male are apportioned to livestock industry.	Same as above
3. Forestry and logging			
(a) Public corporations	Budget documents and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above
(b) General government	No enterprises of General Government in this industry		

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
(c) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
(d) Household sector	Table on "Area by ownership during 2005-06" from Forestry Statistics India 2007, ICFRE	Private forestry estimate is prepared by applying ratio of ownership of private forests to forests owned by public & corporate bodies (1.53%) from Forestry Statistics India 2007	Same as above
4. Fishing and aquaculture			
(a) Public corporations	Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	Same as above
(c) General government	No enterprises of General Government in this industry		
(d) Household sector	Growth of stock between two livestock censuses	Fixed stock estimated using inter-censal growth rate. GFCF is estimated as the difference between two successive years' stocks.	Same as above
5. Mining & quarrying			
(a) Public corporations	Annual Reports	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	Same as above
(c) General government	No enterprises of General Government in this industry		
(d) Household sector	Capital stock to output ratio for 2011-12 used in 2004-05 series	Capital stock to output ratio is applied on GVO of minor minerals to get series of fixed stocks. GFCF is estimated as the difference between two successive years' fixed stock.	Same as above
6. Manufacturing			
(a) Public corporations	Budget documents of DEs and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
	NABARD	Estimates for Co-operative Societies are based on the data obtained from NABARD	Same as above
	ASI, 2011-12 for quasi-corporations (unincorporated manufacturing)	Estimates for quasi-corporations are obtained from unit level data of ASI 2011-12 for "Individual Proprietorship, Joint Family (HUF), Partnership, Khadi & Village Industries Commission, Handlooms, Others".	Same as above
	NSS 67 th Round ES, 2010-11 for quasi-corporations (unincorporated manufacturing)	Estimates for quasi-corporations are prepared using ratio of capital stock to GVA derived from NSS 67 th round Enterprise Survey for the enterprises <u>maintaining accounts</u> and applied on GVA for corresponding segment to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
(c) General government	No enterprises of General Government in this industry		
(d) Household sector	NSS 67 th Round ES, 2010-11	Estimates for enterprises other than quasi-corporations are prepared using ratio of capital stock to GVA derived from NSS 67 th round Enterprise Survey for the enterprises <u>not maintaining accounts</u> and applied on GVA for corresponding segment to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
8. Electricity, gas, water supply and other utility services			
(a) Public corporations	Budget documents of DEs and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	Same as above
	NSS 67 th Round ES, 2010 -11 for	Estimates of quasi-corporations (Remediation & other utility	Current price estimates are

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
	quasi-corporations (Remediation & other utility services)	services) are prepared using ratio of capital stock to GVA derived from NSS 67 th round Enterprise Survey for the enterprises <u>maintaining accounts</u> and applied on GVA for corresponding segment to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	deflated by WPI-based composite price indices for the relevant asset
(c) General government	Budget documents	Capital outlay on disaggregated assets as obtained from the analysis of Budget documents	Same as above
(d) Household sector	M/o New and Renewable Energy	GFCF for bio gas: Number of bio-gas plants* cost of installation	Same as above
	NSS 67 th Round ES, 2010-11 for households (Remediation & other utility services)	Estimates for enterprises other than quasi-corporations for Remediation & other utility services are prepared using ratio of capital stock to GVA derived from NSS 67 th round Enterprise Survey for the enterprises <u>not maintaining accounts</u> and applied on GVA for corresponding segment to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
9. Construction			
(a) Public corporations	Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	
	NABARD in case of non-credit cooperative societies	Co-operative Societies: based on the data obtained from NABARD	Same as above
(c) General government	Budget documents	Capital outlay on disaggregated assets as obtained from the analysis of Budget documents	
(d) Household sector	MCA21 database (about top 400 non-government companies in construction industry, by sales, after removing outliers) for capital stock to output ratio in absence of any survey	Capital stock to output ratio of non-government construction companies is applied on GVO of construction for the household sector to estimate the fixed stock for construction in household sector. GFCF is estimated as the difference between two successive years' fixed stocks.	Same as above

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
	data		
10. Trade & repair services			
(a) Public corporations	Budget documents of DEs and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	Same as above
	NABARD in case of non-credit cooperative societies	Co-operative Societies: based on the data obtained from NABARD	Same as above
	NSS 67 th Round ES, 2010-11 for quasi-corporations (trade & repair services)	Estimates of quasi-corporations (trade & repair services) are prepared using ratio of capital stock to GVA derived from NSS 67 th round Enterprise Survey for the enterprises <u>maintaining accounts</u> and applied on GVA for corresponding segment to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
(c) General government	No enterprises of General Government in this industry		
(d) Households	NSS 67 th Round ES, 2010-11	Estimates for enterprises other than quasi-corporations for trade & repair services are prepared using ratio of capital stock to GVA derived from NSS 67 th round Enterprise Survey for the enterprises <u>not maintaining accounts</u> and applied on GVA for corresponding segment to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
11. Hotels and restaurants			
(a) Public corporations	Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above
(b) Private corporations	MCA21 database for the annual	Estimates of GFCF for non-government companies derived from	

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
	reports of Private Sector Companies	MCA21 database	
	NSS 67 th Round ES, 2010-11 for quasi-corporations (hotels & restaurants)	Estimates of quasi-corporations (hotels & restaurants) are prepared using ratio of capital stock to GVA derived from NSS 67 th Round Survey for the enterprises maintaining accounts and applied on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
(c) General government	No enterprises of General Government in this industry		
(d) Household sector	NSS 67 th Round ES, 2010-11	Applying ratio of capital stock to GVA derived from NSS 67 th Round Survey for the enterprises not maintaining accounts on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
12. Railways			
(a) Public corporations	Budget documents of DEs and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	Same as above
(c) General government	No enterprises of General Government in this industry		
(d) Household sector	No household enterprises in this industry		
13. Road, air, water transport and services incidental to transport			
(a) Public corporations	Budget documents of DEs and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	
	NSS 67 th Round ES, 2010-11 for quasi-corporations	Estimates of quasi-corporations are prepared using ratio of capital stock to GVA derived from NSS 67 th Round Survey for the enterprises maintaining accounts and applied on GVA for	Same as above

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
		corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	
(c) General government	No enterprises of General Government in this industry		
(d) Household sector	NSS 67 th Round ES, 2010-11	Applying ratio of capital stock to GVA derived from NSS 67 th Round Survey for the enterprises not maintaining accounts on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
14. Storage			
(a) Public corporations	Budget documents of DEs and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	
	NSS 67 th Round ES, 2010-11 for quasi-corporations (storage)	Estimates of quasi-corporations are prepared using ratio of capital stock to GVA derived from NSS 67 th Round Survey for the enterprises maintaining accounts and applied on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
(c) General government	No enterprises of General Government in this industry		
(d) Household sector	NSS 67 th Round ES, 2010-11	Applying ratio of capital stock to GVA derived from NSS 67 th Round Survey for the enterprises not maintaining accounts on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
15. Communication and services related to broadcasting			
(a) Public corporations	Budget documents of DEs and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Current price estimates are deflated by WPI-based composite price indices for the

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
			relevant asset
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database	
	NSS 67 th Round ES, 2010-11 for quasi-corporations (communication and services related to broadcasting)	Estimates of quasi-corporations (communication and services related to broadcasting) are prepared using ratio of capital stock to GVA derived from NSS 67 th Round Survey for the enterprises maintaining accounts and applied on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
(c) General government	No enterprises of General Government in this industry		
(d) Household sector	NSS 67 th Round ES, 2010-11	Applying ratio of capital stock to GVA derived from NSS 67 th Round Survey for the enterprises not maintaining accounts on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
16. Financial services			
(a) Public corporations	Budget documents of DEs and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Non-government companies: GFCF is derived from MCA21 database	Current price estimates are deflated by WPI-based composite price indices for the relevant asset
	RBI for private and foreign banks	Private & Foreign Banks: From details of assets and liabilities by RBI	Same as above
	Annual reports from insurance companies	Insurance companies: GFCF is estimated from fixed asset block of annual reports	Same as above
	NABARD in case of credit cooperative societies	Co-operative Societies: based on the data obtained from NABARD	Same as above
	NSS 67 th Round ES, 2010-11 for	Estimates of quasi-corporations (unorganised financial services)	Current price estimates are

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
	quasi-corporations (unorganised financial services)	are prepared using ratio of capital stock to GVA derived from NSS 67 th Round Survey for <i>all</i> financial enterprises and applied on GVA for unorganised financial sector (money lenders, etc.) to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	deflated by WPI-based composite price indices for the relevant asset
(c) General government	No enterprises of General Government in this industry		
(d) Household sector	No household enterprises of in this industry		
Real estate, ownership of dwellings & professional services			
(a) Public corporations	Budget documents of DEs and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of budgets/fixed asset block in annual reports	Same as above
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database.	Same as above
	NSS 67 th Round ES, 2010-11 for quasi-corporations (real estate & professional services)	Estimates of quasi-corporations (real estate & professional services) are prepared using ratio of capital stock to GVA derived from NSS 67 th Round Survey for the enterprises maintaining accounts and applied on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
(c) General government	Budget documents	Capital outlay on disaggregated assets as obtained from the analysis of Budget documents	Same as above
(d) Household sector	NSS 67 th Round ES, 2010-11 for households (real estate & professional services)	Real Estate & professional services: Applying ratio of capital stock to GVA derived from NSS 67 th Round Survey for the enterprises not maintaining accounts on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	
	AIDIS, 2013 for ownership of	Ownership of dwellings: GFCF is estimated using capital	Current price estimates are

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
	dwellings	expenditure on dwellings estimate for from AIDIS, 2013. This is moved for other years by applying inter censal growth of no. of residential housing stock from population censuses and the WPI of rural and urban housing.	deflated by WPI-based composite price indices for the relevant asset
18. Public administration and defence			
General government	Administration: Budget documents	Capital outlay on disaggregated assets as obtained from the analysis of Budget documents	Same as above
	Autonomous Institutions: annual financial accounts	GFCF is compiled using estimates obtained from sample autonomous institutions. These are blown up on the basis of grants given to all autonomous institutions.	Same as above
19. Other Services			
(a) Public corporations	Budget documents of DEs and Annual Reports of NDEs	Capital outlay on disaggregated assets as obtained from the analysis of fixed asset block in annual reports	Same as above
(b) Private corporations	MCA21 database for the annual reports of Private Sector Companies	Estimates of GFCF for non-government companies derived from MCA21 database.	
	NSS 67th Round ES, 2010-11 for quasi-corporations (Other Services)	Estimates of quasi-corporations are prepared using ratio of capital stock to GVA derived from NSS 67 th Round Survey for the enterprises maintaining accounts and applied on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	Same as above
(c) General government	Administration: Budget documents	Capital outlay on disaggregated assets as obtained from the analysis of Budget documents	Same as above
	Autonomous Institutions: annual financial accounts	GFCF is compiled for each group of autonomous institution (as given in para 3.31 of Section 3) using estimates obtained from sample autonomous institutions. These are blown up (for each group) on the basis of grants given to all autonomous institutions.	Same as above
(d) Household sector	NSS 67 th Round ES, 2010-11	Applying ratio of capital stock to GVA derived from NSS 67 th	Same as above

Item	Data: Source	Method of estimation	
		At current prices	At constant (2011-12) prices
(1)	(2)	(3)	(4)
		Round Survey for the enterprises not maintaining accounts on GVA for corresponding sector to arrive at the estimates of stocks of fixed assets. GFCF is estimated as the difference between two successive years' stocks.	