



GOVERNMENT OF HARYANA

**STATE DOMESTIC PRODUCT
OF
HARYANA**

2004-05 to 2013-14

(Base Year 2004-05)

**DEPARTMENT OF ECONOMIC AND STATISTICAL ANALYSIS,
HARYANA, 2015**



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PREFACE

The estimates of State Domestic Product (SDP) also known as State Income estimates are important and reliable indicators for the measurement of overall growth of the State economy as well as the level of development in various socio-economic sectors. These estimates provide a solid base for formulation of development programmes and to pursue a sound economic policy.

At the National level, the estimates of Gross Domestic Product (GDP) or National Income are regularly prepared and published by the Central Statistics Office (CSO), New Delhi. Similarly, at the State level, State Income estimates are regularly prepared and released by the Department of Economic & Statistical Analysis, Haryana. The first series estimates of State Income of Haryana for 1960-61 and 1965-66 to 1968-69 with 1960-61 as base year were issued by this department in 1971. Since then, estimates are being prepared and issued annually.

The CSO, New Delhi introduced the new series of national accounts with base year 2004-05 in place of the previous series with base year 1999-2000 on 29.01.2010 in order to incorporate the latest available data from long term surveys and census, new economic activities, expansion of coverage of activities, improvements in procedures and to the extent possible, the latest international recommendations in compilation of national accounts. On the pattern of CSO, this department also shifted the base year from 1999-2000 to 2004-05. The first brochure on the new series with base year 2004-05 presenting the SDP estimates of Haryana for the years 2004-05 to 2010-11 was published in the month of July, 2011. The present brochure is the 5th on the same series with base year 2004-05 presenting the SDP estimates of Haryana for the years 2004-05 to 2013-14.

This brochure has been prepared by Dr. Virender Singh and Ms. Gurprit Kaur, Research Officers with the help of Sh. Satyavir, Sh. Navdeep and Ms. Neeru Assistant Research Officers and Ms. Neelam Kumari, Statistical Assistant under the guidance of Sh. Rajender Kumar Mor, Deputy Director and overall supervision of Dr. Nathu Ram, Additional Director of this department. I am thankful to the above team for timely preparation of SDP estimates.

I take this opportunity to thank all the Head of Departments/Organizations and District Statistical Officers for furnishing the basic data required for these estimates. My thanks are also due to the officers of the CSO for providing the valuable guidance.

Panchkula
7th September, 2015

J.S. Dalal
Director, Deptt. of Economic &
Statistical Analysis, Haryana

EXECUTIVE SUMMARY

The estimates of State Domestic Product (SDP) are considered as the most important economic indicators to measure the economic development of a State. The SDP is defined as a measure in monetary terms of the volume of all goods and services produced within the geographical boundaries of the State, accounted without duplication during a given period of time. The SDP estimates of Haryana State are regularly prepared and released by the Department of Economic & Statistical Analysis, Haryana. The first publication for the series of estimates of State Income of Haryana for 1960-61 and 1965-66 to 1968-69 with 1960-61 as base was issued by the department in 1971. Since then, these series have been revised five times by adopting 1970-71, 1980-81, 1993-94, 1999-2000 and 2004-05 as base year. This brochure presenting the estimates of Haryana State for the years 2004-05 to 2013-14 is the 5th publication for the series with base year 2004-05.

The estimates of SDP at current prices are obtained by evaluating the goods and services at prices prevailing during the accounting period whereas the estimates at constant prices are worked out by evaluating the goods and services at prices prevailing during the certain fixed period known as base year. The economy has been divided into thirteen sectors for the purpose of calculation of SDP estimates. These thirteen sectors have further been grouped into three broad sectors such as primary, secondary and tertiary sectors. The primary sector comprises Agriculture & Allied Activities, Forestry & Logging, Fishing and Mining & Quarrying sectors. The secondary sector consists of Manufacturing, Construction and Electricity, Gas & Water Supply sectors whereas tertiary sector includes Trade, Hotels & Restaurants, Transport, Storage and Communication, Banking and Insurance, Real Estate, Ownership of Dwellings, Legal & Business Services, Public Administration and Other Services sectors.

The SDP estimates are measured by adopting one of the three alternative approaches viz. production, income and expenditure approaches depending upon the availability of data. The production approach is followed in case of Agriculture & Allied activities, Forestry & Logging, Fishing, Mining & Quarrying and Registered Manufacturing sectors. The expenditure approach is adopted in case of Construction

sector only. In the remaining sectors, income approach is followed. The SDP estimates for the year 2012-13 and the quick estimates for the year 2013-14 released on 6th February, 2015 have been given in this brochure. The estimates have been prepared broadly as per the methodology suggested by the Central Statistics Office, New Delhi.

The review of the SDP estimates reveals that at current prices, the GSDP of the State has increased from Rs. 95795.12 crore in 2004-05 to Rs. 388916.63 crore in 2013-14 registering a growth of 306.0 percent. At constant (2004-05) prices, the GSDP has increased from Rs. 95795.12 crore in 2004-05 to Rs. 199656.83 crore in 2013-14 recording the growth of 108.4 percent. The average annual growth rate of State GSDP during the period 2005-06 to 2013-14 has been estimated at 16.9 percent and 8.5 percent at current and constant (2004-05) prices, respectively. During the period 2005-06 to 2013-14, the annual growth rate in real terms varied from the maximum of 11.7 percent in 2009-10 to the minimum of 5.5 percent in 2012-13. The sector-wise analysis shows that the primary sector of the State economy has recorded the average annual growth of 3.7 percent whereas secondary and tertiary sectors have recorded the average annual growth of 6.6 and 11.7 percent respectively in real terms during the period 2005-06 to 2013-14. This indicates that the secondary and tertiary sectors have grown at a faster rate than primary sector.

The per capita income of the State at current prices increased from Rs. 37972 in 2004-05 to Rs. 133427 in 2013-14 indicating the growth of 251.4 percent whereas at constant prices it increased from Rs. 37972 in 2004-05 to Rs. 67260 in 2013-14 recording the growth of 77.1 percent. The annual growth of per capita income of the State both at current and constant (2004-05) prices during the period 2005-06 to 2013-14 was highest during the year 2009-10. It is also noted that the per capita income amongst Indian Union at current and constant prices increased by 208.1 percent and 65.3 percent as compared to the increase of 251.4 percent and 77.1 percent respectively recorded by the State during the period 2005-06 to 2013-14. It shows that the pace of economic development of the State remained much faster than that of India during this period.

The sectoral composition of State economy reveals that the share of primary sector comprising Agriculture & Allied Activities, Forestry & Logging, Fishing and Mining & Quarrying sectors in the State GSDP in real terms has decreased from 23.3

percent in 2004-05 to 15.3 percent in 2013-14. The share of secondary sector consisting of Manufacturing, Construction and Electricity, Gas & Water Supply sectors decreased from 32.7 percent in 2004-05 to 27.7 percent in 2013-14. The share of tertiary sector comprising Transport, Storage & Communication, Trade, Hotels & Restaurants, Banking and Insurance, Real Estate, Ownership of Dwellings, Legal & Business services, Public Administration and Other Services Sectors has increased from 44.0 percent in 2004-05 to 57.0 percent in 2013-14. Thus, it is clear that the State economy is shifting from Agriculture to Services sector. The shifting of State economy from Agriculture to Services sector clearly indicates that the economic development of the State is moving in the right direction.

CONTENTS

Contents	Page No.
Introduction	1-4
Overview of State Economy	5-9
Charts	11-29
Tables	
1. State Domestic Product of Haryana at factor cost at current and constant prices.	31
2. Gross State Domestic Product of Haryana at factor cost by industry of origin at current prices	32
3. Gross State Domestic Product of Haryana at factor cost by industry of origin at constant prices	33
4. Composition of Gross State Domestic Product of Haryana at factor cost by industry of origin at current prices	34
5. Composition of Gross State Domestic Product of Haryana at factor cost by industry of origin at constant price	35
6. Percentage increase/decrease in Gross State Domestic Product of Haryana at factor cost by industry of origin at current prices	36
7. Percentage increase/decrease in Gross State Domestic Product of Haryana at factor cost by industry of origin at constant prices	37
8. Index Number of Gross State Domestic Product of Haryana at factor cost by industry of origin at current prices.	38
9. Index Number of Gross State Domestic Product of Haryana at factor cost by industry of origin at constant prices .	39
10. Net State Domestic Product of Haryana at factor cost by industry of origin at current prices.	40
11. Net State Domestic Product of Haryana at factor cost by industry of origin at constant prices	41

Contents	Page No.
12. Composition of Net State Domestic Product of Haryana at factor cost by industry of origin at current prices	42
13. Composition of Net State Domestic Product of Haryana at factor cost by industry of origin at constant prices	43
14. Percentage increase/decrease in Net State Domestic Product of Haryana at factor cost by industry of origin at current prices.	44
15. Percentage increase /decrease in Net State Domestic Product of Haryana at factor cost by industry of origin at constant prices	45
16. Index Number of Net State Domestic Product of Haryana at factor cost by industry of origin at current prices.	46
17. Index Number of Net State Domestic Product of Haryana at factor cost by industry of origin at constant prices	47
Methodology (Chapters & Tables)	
I. Agriculture & Allied Activities	49-59
18. State Domestic Product from Agriculture & Allied Activities at current prices	60
19. State Domestic Product from Agriculture & Allied Activities at constant prices	61
20. Value of Output from Agriculture at current prices	62
21. Value of Output from Agriculture at constant prices	63
22. Value of Output from Livestock at current prices	64
23. Value of Output from Livestock at constant prices	65
II. Forestry and Logging	67-69
24. State Domestic Product from Forestry and Logging at current prices	70
25. State Domestic Product from Forestry and Logging at constant prices	70

Contents	Page No.
III. Fishing	71
26. State Domestic Product from Fishing at current prices	72
27. State Domestic Product from Fishing at constant prices	72
IV. Mining and Quarrying	73-74
28. State Domestic Product from Mining and Quarrying at current prices	75
29. State Domestic Product from Mining and Quarrying at constant prices	76
V. Registered Manufacturing	77-78
30. State Domestic Product from Manufacturing-Registered at current prices	79
31. State Domestic Product from Manufacturing-Registered at constant prices	80
VI. Unregistered Manufacturing	81-82
32. State Domestic Product from Manufacturing-Unregistered at current prices	83
33. State Domestic Product from Manufacturing-Unregistered at constant prices.	84
VII. Electricity ,Gas and Water Supply	85-87
34. State Domestic Product from Electricity, Gas and Water Supply at current prices	88
35. State Domestic Product from Electricity, Gas and Water Supply at constant prices	89
VIII. Construction	91-94
36. State Domestic Product from Construction at current prices	95
37. State Domestic Product from Construction at constant prices	95

Contents	Page No.
IX. Trade, Hotels and Restaurants	97-98
38. State Domestic Product from Trade, Hotels and Restaurants at current prices	99
39. State Domestic Product from Trade, Hotels and Restaurants at constant prices	99
X. Transport, Storage and Communication	101-105
40. State Domestic Product from Transport, Storage and Communication at current prices	106-107
41. State Domestic Product from Transport, Storage and Communication at constant prices	108-109
XI. Banking and Insurance	111
42. State Domestic Product from Banking and Insurance at current prices	112
43. State Domestic Product from Banking and Insurance at constant prices	112
XII. Real Estate, Ownership of Dwellings, Legal and Business Services	113-116
44. State Domestic Product from Real Estate, Ownership of Dwellings, Legal and Business Services at current prices	117
45. State Domestic Product from Real Estate, Ownership of Dwellings, Legal and Business Services at constant prices	118
XIII. Public Administration	119-120
46. State Domestic Product from Public Administration at current prices	121
47. State Domestic Product from Public Administration at constant prices	121
XIV. Other Services	123-126
48. State Domestic Product from Other Services at current prices	127
49. State Domestic Product from Other Services at constant prices	128

Contents	Page No.
State's/All India Per Capita Income	
50. Per Capita Income of various States and All India at current prices	129
51. Per Capita Income of various States and All India at constant prices	130
Abbreviations used in the Publication	131-132

INTRODUCTION

The Estimates of State Domestic Product (SDP) are regarded as the most important single economic indicator to measure the economic development of a State. The Per Capita Income is used to determine both the absolute and relative performance of the economy of the State. It is regarded as an important tool to measure regional disparities. The Per Capita Income is now frequently used in India by policy makers like the Planning Commission and the Finance Commission for allocation of a part of plan resources and distribution of proceeds of union excise duties and additional excise duties among different States.

State Domestic Product (SDP)

The SDP is defined as a measure in monetary terms of the volume of all goods and services produced within the boundaries of the State during a given period of time, accounted without duplication. This covers all the goods and services produced within the State. Thus, the goods cover all possible items produced, for example, agricultural crops, livestock and livestock products, fish, forest products, mineral products, manufacturing of various consumer items for consumption, machinery, transport equipments & defence equipments and construction of buildings, roads, dams, bridges etc. Similarly, the services cover a wide spectrum including transport services, medical, educational & sanitary services, trading services, real estate services, Government services, etc. All goods and services produced during the period are to be included whether they are marketed i.e. exchanged for money or bartered or produced for own use. Another important feature of the measure is that it is an unduplicated value of output. In other words, only the value added at each stage of processing is taken into account while measuring the total value of output.

The SDP as such is Gross State Domestic Product (GSDP). The fixed capital assets i.e., plants, machinery and equipments are employed to produce goods. A part of these fixed capital assets is consumed in the process of production, which is known as Consumption of Fixed Capital (CFC) or Depreciation. Thus, CFC is defined as that part of gross product, which is required to replace the fixed capital used in the process of production during the period of account. This flow is based on the concept of the expected economic life of individual assets and is designed to cover the expected loss in value terms due to obsolescence and the normal amount of accidental damage, which can not be made good by repair as well as normal wear and tear. It is estimated on the basis of value and age of different fixed capital assets. The estimates of CFC for all sectors of the economy are supplied by the CSO after preparing and allocating the same to the States. This CFC is deducted from GSDP to obtain Net State Domestic Product (NSDP).

State Domestic Product at Current and Constant Prices

The estimates of GDP at current prices are obtained by evaluating the product at prices prevailing during the accounting year. The estimates of GDP at current prices do not reveal the actual economic growth as they contain the combined effect of (i) changes in the volume of goods and services and (ii) changes in the prices. The effect of changes in the prices is eliminated by evaluating the goods and services at the prices prevailing during the certain fixed period known as base year. The estimates, thus, obtained are known as GDP at constant prices.

How State Domestic Product (SDP) is calculated?

The economy has been divided into thirteen sectors for the purpose of calculation of SDP. These thirteen sectors have further been grouped in three broad sectors as under:

- | | |
|---------------|---|
| I. Primary | 1. Agriculture and Allied Activities |
| | 2. Forestry and Logging |
| | 3. Fishing |
| | 4. Mining and Quarrying |
| II. Secondary | 5. Manufacturing |
| | 5.1 Registered |
| | 5.2 Un-registered |
| | 6. Construction |
| | 7. Electricity, Gas and Water Supply |
| III. Tertiary | 8. Trade, Hotels and Restaurants |
| | 9. Transport, Storage and Communication |
| | 10. Banking and Insurance |
| | 11. Real Estate, Ownership of Dwellings,
Legal and Business Services |
| | 12. Public Administration |
| | 13. Other Services |

The estimates of SDP can be conceptually prepared by adopting two approaches viz. income originating and income accruing. In the first approach, the measurement corresponds to income originating to the factors of production physically located within the geographical boundaries of a State and represents net value of goods and services produced within the State. The second approach relates to the income accruing to the normal residents of a State. Since, the measurement in the second approach corresponds to the income that becomes available to the residents of a State; it provides a better measure of the welfare of the residents of the State. But due to non-availability of data on inter-state income flows, the compilation of estimates based on income accruing concept is not possible at present. The estimates that are presently being compiled by the State Statistical Bureaus (SSBs) refer to the income at factor cost, originating

within the geographical boundaries of the respective States irrespective of the fact whether factors of production are owned by persons living inside or outside the State.

Theoretically, SDP can be measured by any one of the three alternative approaches viz. production, income and expenditure approach depending upon the availability of data:

- (i) **Production approach** is followed in case of Agriculture including Animal Husbandry, Forestry & Logging, Fishing, Mining & Quarrying and Registered Manufacturing sectors.
- (ii) **Income approach** is followed in respect of Un-registered Manufacturing, Transport, Storage & Communication, Real Estate, Ownership of Dwellings, Legal & Business Services, Trade, Hotels & Restaurants, Public Administration & Defence, Electricity, Water Supply and Other Services sectors.
- (iii) **Expenditure approach** is followed in respect of Construction sector only.

The different States prepare estimates of SDP by industry of origin by following the same classification of the sectors for which estimates are prepared at the National level. However, there are certain activities, which are managed by the Central Government and are not confined to the boundaries of a State. It is not possible to prepare independent estimates at State level in respect of some sectors namely Railways, Communication, Banking & Insurance and Central Government Administration where the activities are spread over to a number of States. These sectors are known as supra-regional sectors and State level estimates for these sectors are prepared by allocating the National estimates on the basis of data on gross earning, gross expenditure, wages & salaries, employment and other relevant indicators. The estimates for these sectors are prepared by the CSO and supplied to the SSBs so that the SSBs may suitably incorporate the same in their state income estimates.

Financial Intermediation Services Indirectly Measured (FISIM)

The banking enterprises render services to their customers in the form of maintaining their accounts and advising them on financial matters. In return for these services, customers are charged a nominal amount, which is substantially smaller than the expenses of the enterprises. On the other hand, the banks provide loans and advances and the returns on such transactions are much higher than the payments made to depositors. The net return accruing to banks is large enough to meet their expenses and to earn a profit. If the financial enterprises are treated like any other productive enterprise, their income in the production account would only be limited to the charges made on customers which would mean that the banks would have a negative operating surplus and most likely negative value added. To circumvent this difficulty, an imputed income equivalent to interest and dividend receipt of banking and financial enterprises net of interest paid to depositors is defined as Financial Intermediation Services

Indirectly Measured – FISIM (income earned in return for services rendered) and is entered as a receipt item in the output of the financial enterprises. The output of the financial enterprises, thus, includes interest received, which was paid by the producing industries. As the interest paid by the Industries is already accounted for in the GDP of the respective industries, its inclusion in the GDP of Banking industry amounts to duplication. To avoid this duplication, FISIM is allocated to the user industries as intermediate input and thereby the GDP of the industries is reduced.

FISIM has been allocated to user industries in line with the recommendations of the 1993 System of National Accounts (1993 SNA). The industries to which FISIM has been allocated are agriculture, livestock, mining & quarrying, manufacturing (registered and unregistered), electricity, gas, transport, construction, storage, trade, hotels & restaurants, business services and other services. As the Banking and Insurance sector is a supra-regional sector, the National estimates of FISIM are estimated by the NAD of the CSO and are allocated to States. The National estimates of FISIM are allocated to different States in the State-wise ratios of the GDP from Banking and Insurance sector. The estimates of the State FISIM supplied by the CSO are distributed to different user industries within the State in proportion to the respective sectoral GSDP.

Overview of State Economy

The detailed methodology adopted and source material used for preparing the SDP estimates with base year 2004-2005 have been elaborated for all the sectors in subsequent chapters separately. The revised SDP estimates of the State for the year 2012-13 were released on 6th February, 2015. The quick estimates of SDP for 2013-14 were also released on 6th February, 2015. The economic growth of Haryana has been analyzed on the basis of SDP in the subsequent paragraphs.

The State level estimates of GSDP and NSDP of Haryana at both current and constant prices during the period 2004-2005 to 2013-14 are given in the following table :-

State Domestic Product of Haryana
(At Current Prices)

Year	GSDP (Rs.Crore)	Growth Rate (%)	NSDP (Rs.Crore)	Growth Rate (%)
2004-05	95795.12	-	86222.28	-
2005-06	108884.57	13.7	97903.17	13.5
2006-07	128732.34	18.2	116103.55	18.6
2007-08	151595.90	17.8	136583.92	17.6
2008-09	182522.15	20.4	164636.30	20.5
2009-10	223600.25	22.5	203854.92	23.8
2010-11	260621.28	16.6	237163.29	16.3
2011-12	298688.33	14.6	273094.20	15.2
2012-13	341351.16	14.3	312753.35	14.5
2013-14	388916.63	13.9	353714.10	13.1

At current prices, the GSDP has increased from Rs. 95795.12 crore in 2004-2005 to Rs. 388916.63 crore in 2013-14 registering a growth of 306.0 percent. The average annual growth rate during the period 2005-06 to 2013-14 has been estimated at 16.9 percent. During this period, the annual growth rate varied from the minimum of 13.7 percent in 2005-06 to the maximum of 22.5 percent in 2009-10. The NSDP at current prices also increased from Rs. 86222.28 crore in 2004-2005 to Rs. 353714.10 crore in 2013-14 registering a growth of 310.2 percent. The average annual growth rate of NSDP during the period 2005-06 to 2013-14 has been estimated at 17.0 percent.

State Domestic Product of Haryana
(At Constant Prices)

Year	GSDP (Rs.Crore)	Growth Rate (%)	NSDP (Rs.Crore)	Growth Rate (%)
2004-05	95795.12	-	86222.28	-
2005-06	104607.79	9.2	94011.46	9.0
2006-07	116344.34	11.2	104700.49	11.4
2007-08	126170.76	8.4	112895.92	7.8
2008-09	136477.94	8.2	121588.39	7.7
2009-10	152474.47	11.7	136779.99	12.5
2010-11	163770.20	7.4	146053.47	6.8
2011-12	176916.97	8.0	158522.99	8.5
2012-13	186642.83	5.5	167168.82	5.5
2013-14	199656.83	7.0	178307.19	6.7

At constant (2004-2005) prices, the growth of GSDP lost its rapidity during the year 2012-13. The negative growth recorded in Agriculture (-0.8 percent) and low growth registered in Manufacturing (4.5 percent), Electricity, Gas & Water Supply (1.5 percent), Construction (5.0 percent), Trade, Hotel and Restaurants (5.5 percent) and Public Administration (5.8 percent) resulted in the very low growth of 5.5 percent in 2012-13. The GSDP revived slowly during the year 2013-14. The GSDP increased from Rs. 95795.12 crore in 2004-05 to Rs. 199656.83 crore in 2013-14 registering a growth of 108.4 percent. In spite of high growth rates recorded in Finance & Real Estate (16.8 percent), Other Services (11.7 percent) and Public Administration (9.6 percent) Sectors during 2013-14, the moderate growth of 7.0 percent may be explained by the low growth registered in Agriculture (3.1 percent), Manufacturing (2.2 percent) and Transport, Communication & Trade (5.2 percent) sectors. The average annual growth rate during 2005-06 to 2013-14 has been estimated at 8.5 percent. The NSDP at constant prices increased from Rs.86222.28 crore in 2004-2005 to Rs. 178307.19 crore in 2013-14 registering a growth of 106.8 percent. The average annual growth rate of NSDP during the period 2005-06 to 2013-14 has been estimated at 8.4 percent.

The per capita income is one of the important indicators to measure the living standard of the people. The estimated per capita income of the State at both current and constant prices and the percentage changes over the previous year are shown in the following table: -

Per Capita Income of Haryana at Current and Constant (2004-2005) prices

Year	At Current Prices		At Constant Prices	
	Per Capita Income (Rs.)	Growth Rate (%)	Per Capita Income (Rs.)	Growth Rate (%)
2004-05	37972	-	37972	-
2005-06	42309	11.4	40627	7.0
2006-07	49261	16.4	44423	9.3
2007-08	56917	15.5	47046	5.9
2008-09	67405	18.4	49780	5.8
2009-10	82037	21.7	55044	10.6
2010-11	93852	14.4	57797	5.0
2011-12	106320	13.3	61716	6.8
2012-13	119833	12.7	64052	3.8
2013-14	133427	11.3	67260	5.0

It is evident from the above table that the per capita income of Haryana at current prices as well as constant prices has shown the increasing trend over the preceding years. The effect of prices on per capita income can well be gauged from the fact that the per capita income at current prices increased from Rs.37972 in 2004-05 to Rs. 133427 in 2013-14 showing a growth of 251.4 percent whereas the per capita income at constant prices increased from Rs. 37972 in 2004-05 to Rs.67260 in 2013-14 with the growth of 77.1 percent only. The per capita income of the State witnessed the highest annual growth rate of 21.7 percent and 10.6 percent at current and constant prices, respectively during the year 2009-10.

Per Capita Income of Haryana vis-à-vis All India

Year	At Current Prices		At Constant (2004-05) Prices	
	Haryana	All India	Haryana	All India
2004-05	37972	24143	37972	24143
2005-06	42309	27131	40627	26015
2006-07	49261	31206	44423	28067
2007-08	56917	35825	47046	30332
2008-09	67405	40775	49780	31754
2009-10	82037	46249	55044	33901
2010-11	93852	54021	57797	36202
2011-12	106320	61855	61716	38048
2012-13	119833	67839	64052	38856
2013-14	133427	74380	67260	39904

The above table shows that the per capita income of Haryana at both current and constant price remained higher than that of India throughout the period 2004-05 to 2013-14. During this period, the per capita income of Haryana at current prices increased by 251.4 percent whereas that of India increased by 208.1 percent. The per capita income of Haryana at constant prices also increased by 77.1 percent whereas that of India increased by 65.3 percent. It shows that the pace of economic development of Haryana remained much faster than that of India during this period.

Annual Growth Rates of Gross State Domestic Product by Broad Sectors at Constant (2004-05) prices

Year	Primary	Secondary	Tertiary	Total
2005-06	-1.1	8.0	15.5	9.2
2006-07	13.8	9.4	11.3	11.2
2007-08	0.0	6.6	13.6	8.4
2008-09	7.0	3.6	11.6	8.2
2009-10	-2.0	11.9	17.0	11.7
2010-11	4.8	5.8	9.2	7.4
2011-12	7.9	4.9	9.8	8.0
2012-13	-0.6	4.5	7.9	5.5
2013-14	3.1	4.4	9.4	7.0

The above table reveals that the economy of Haryana has registered the overall positive growth rate throughout the period 2005-06 to 2013-14. The highest growth rate of 11.7 percent was recorded during the year 2009-10 whereas during the year 2012-13, it registered the lowest growth rate of 5.5 percent. The sector-wise growth rates of State economy reveal that during the period 2005-06 to 2013-14, the primary sector has recorded the average annual growth rate of 3.7 percent whereas secondary and tertiary sectors has recorded the average annual growth rate of 6.6 and 11.7 percent, respectively. This indicates that secondary and tertiary sectors are growing at a faster rate than primary sector.

The composition of Gross State Domestic Product by three broad sectors of the economy viz. primary, secondary and tertiary at constant prices is given in the following table:-

**Composition of Gross State Domestic Product by Broad Sectors of Economy
at Constant (2004-2005) prices**

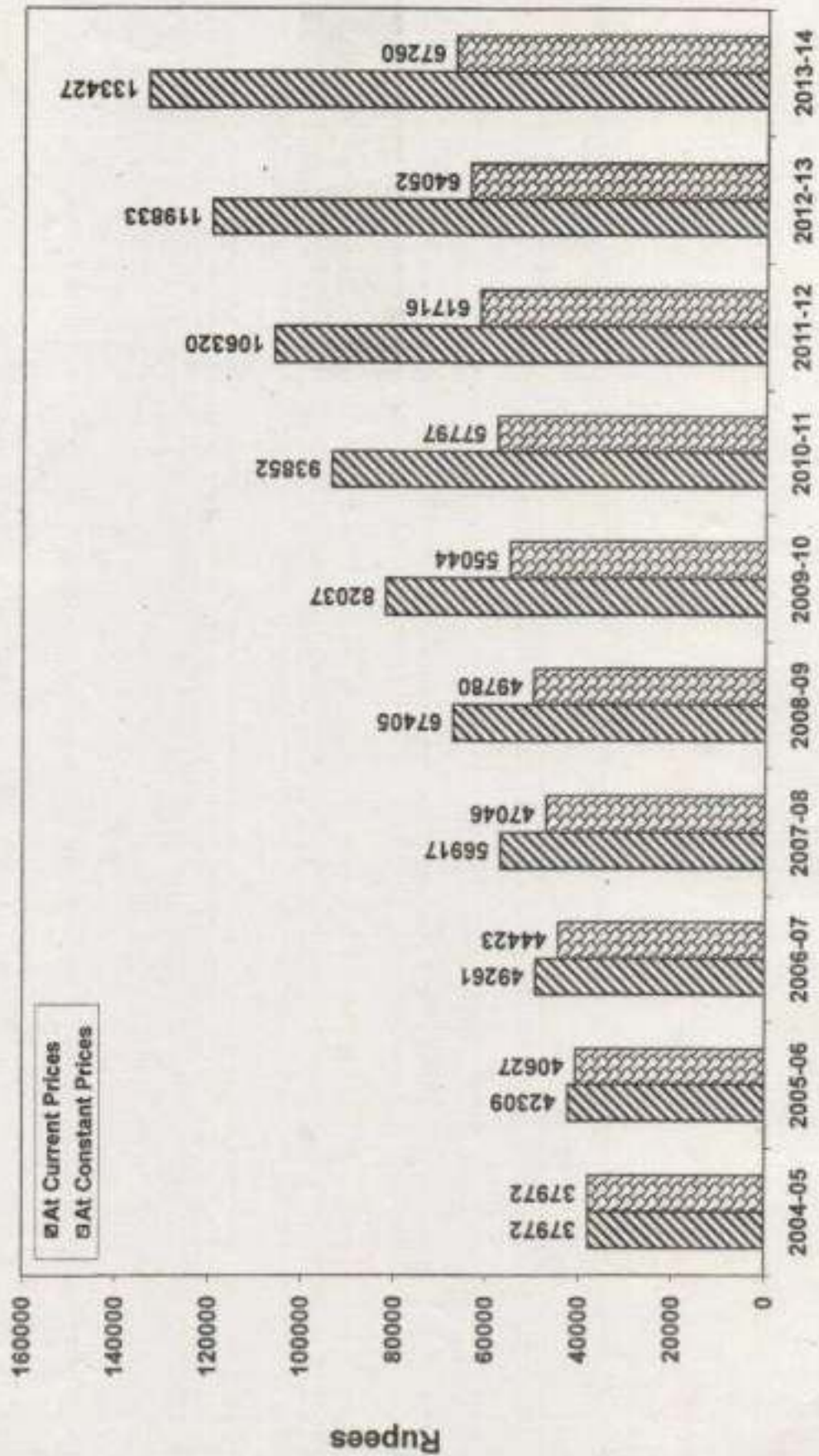
Year	(Percent)		
	Primary	Secondary	Tertiary
2004-05	23.3	32.7	44.0
2005-06	21.1	32.4	46.5
2006-07	21.6	31.8	46.6
2007-08	19.9	31.3	48.8
2008-09	19.7	29.9	50.4
2009-10	17.3	30.0	52.7
2010-11	16.8	29.6	53.6
2011-12	16.8	28.7	54.5
2012-13	15.9	28.4	55.7
2013-14	15.3	27.7	57.0

The sectoral composition of the State economy reveals that although there has been gradual decline in the share of primary sector and increase in the share of tertiary sector over the preceding years, but the agriculture sector still continues to dominate the State economy. The sectoral composition clearly indicates that the State economy is shifting from agriculture to services sector, which is a sign of healthy economy.

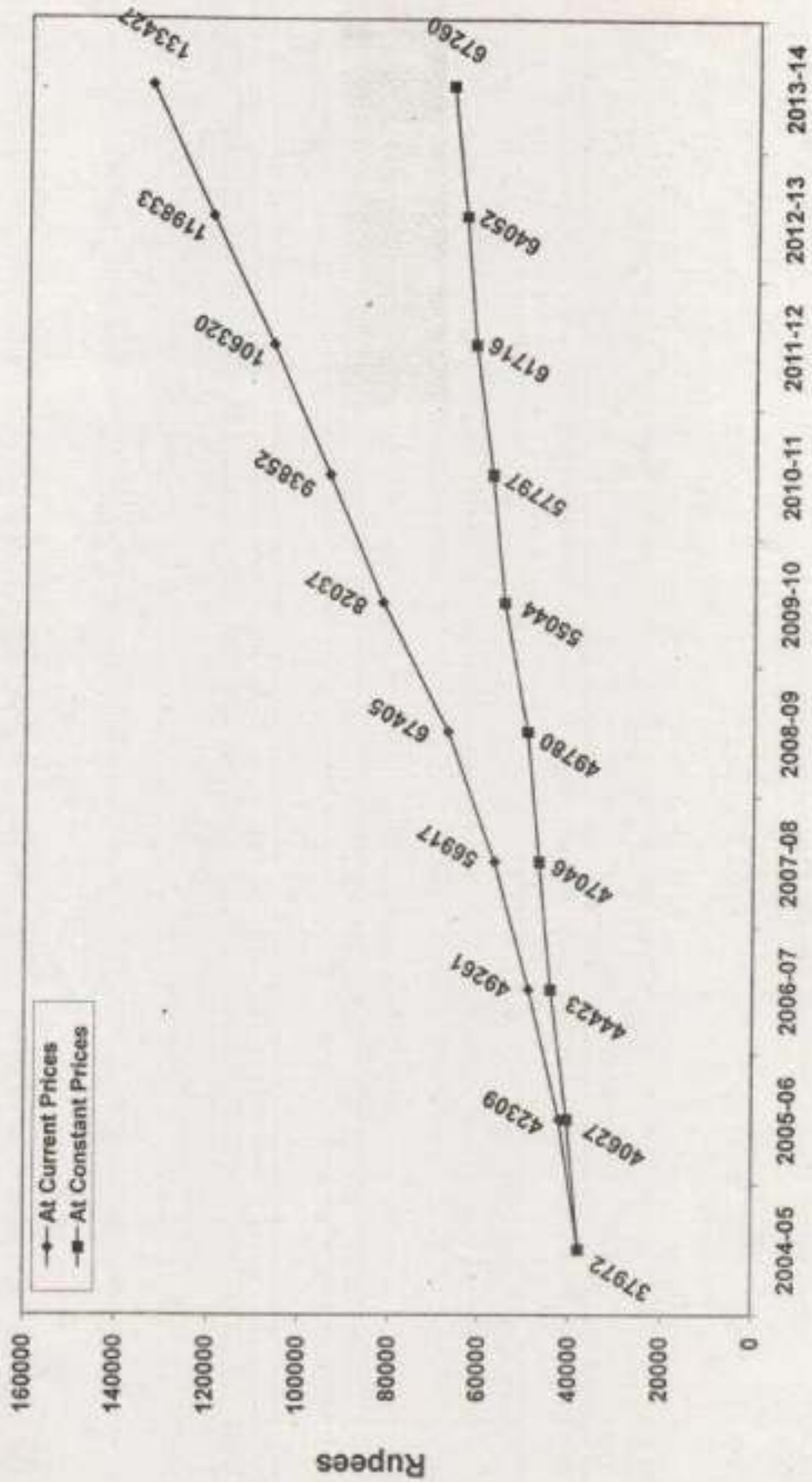
- (i) The share of primary sector comprising Agriculture & Animal Husbandry, Forestry, Fishing and Mining & Quarrying sectors in the State GSDP has declined from 23.3 percent in 2004-05 to 15.3 percent in 2013-14.
- (ii) The share of secondary sector consisting of Manufacturing, Construction, Electricity, Gas and Water Supply sectors showed the decreasing trend during this period. It decreased from 32.7 percent in 2004-05 to 27.7 percent in 2013-14.
- (iii) The contribution of tertiary sector comprising Transport, Storage & Communication, Trade, Hotels & Restaurants, Banking & Insurance, Real Estate, Ownership of Dwellings, Legal & Business Services, Public Administration and Other Services sectors has increased from 44.0 percent in 2004-05 to 57.0 percent in 2013-14.

The change in the sectoral composition of GSDP over the years points to general scenario of the developing economy. The impact of urbanization, industrial progress and development of social services is quite discernible.

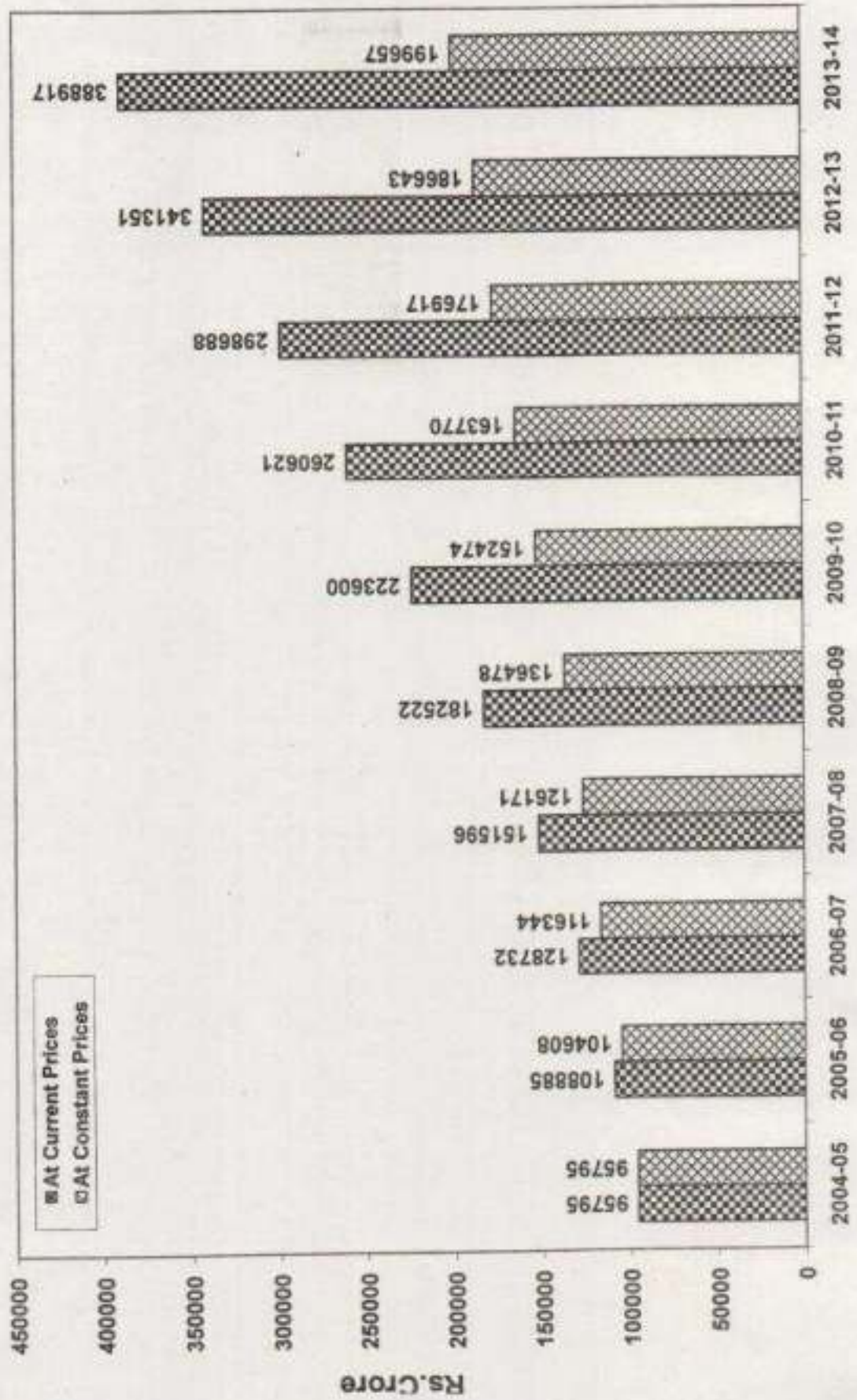
PER CAPITA INCOME OF HARYANA



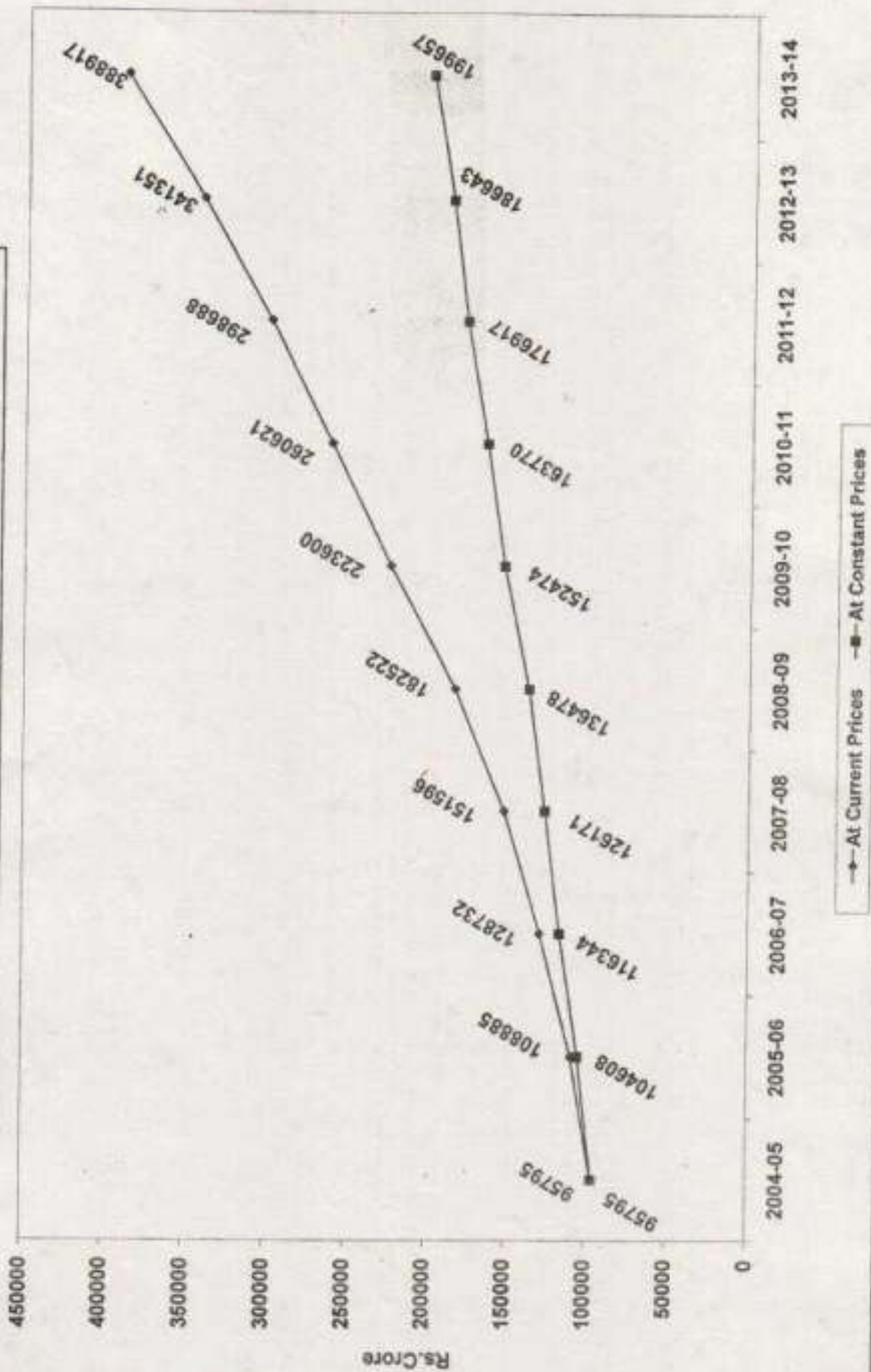
PER CAPITA INCOME OF HARYANA



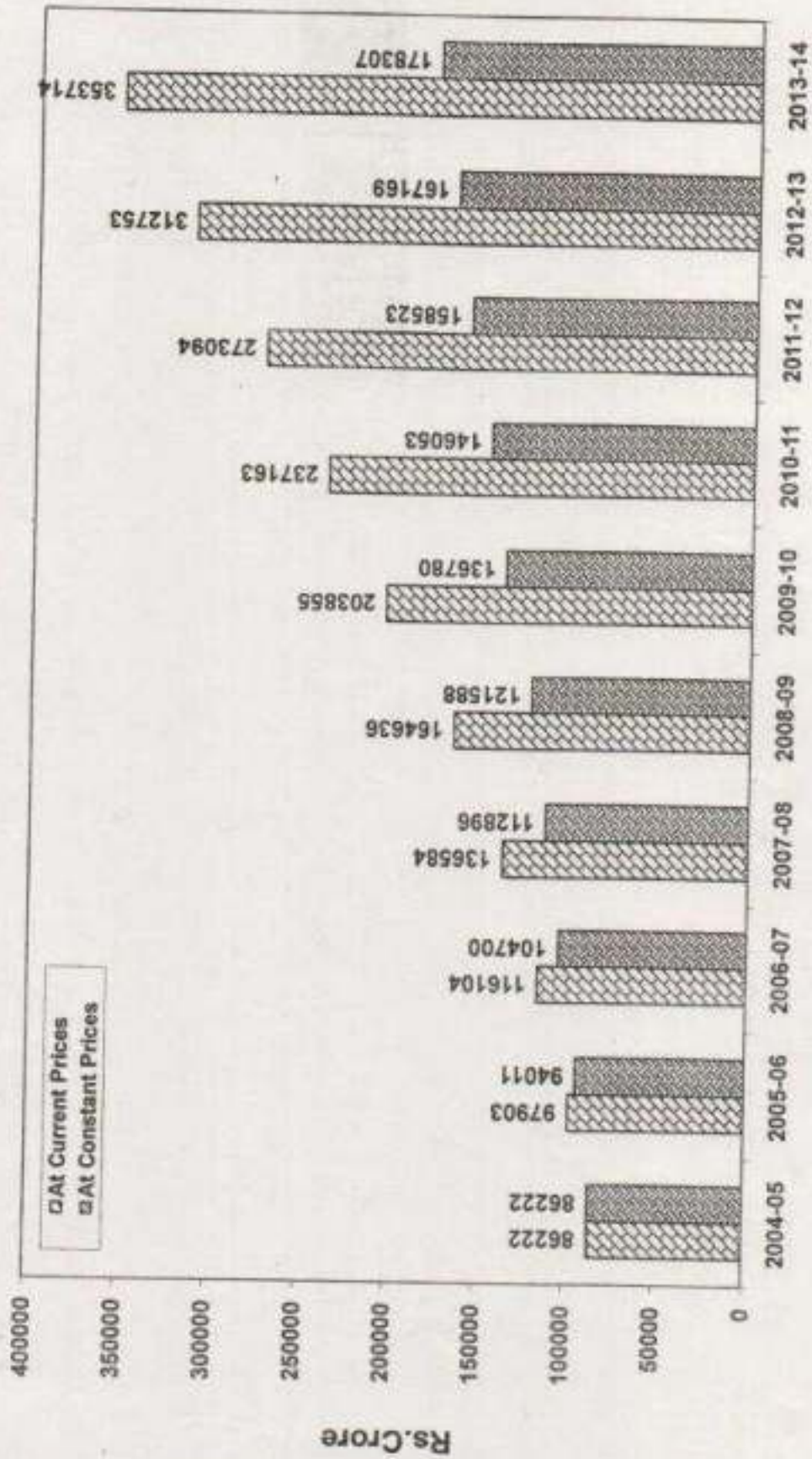
GROSS STATE DOMESTIC PRODUCT OF HARYANA



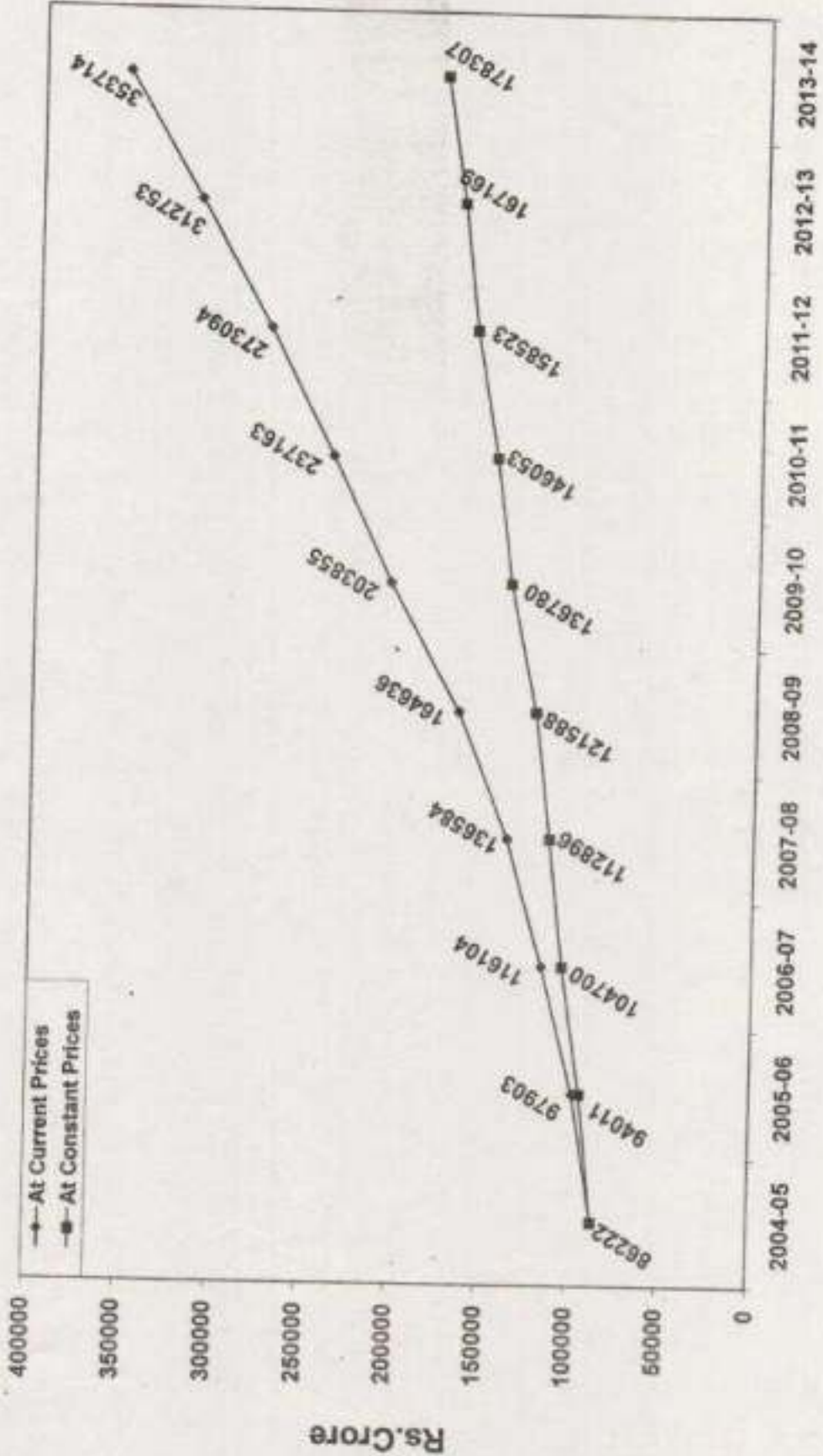
GROSS STATE DOMESTIC PRODUCT OF HARYANA



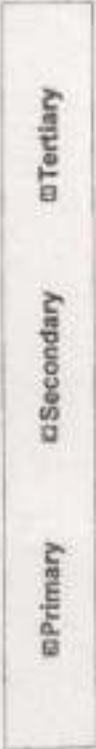
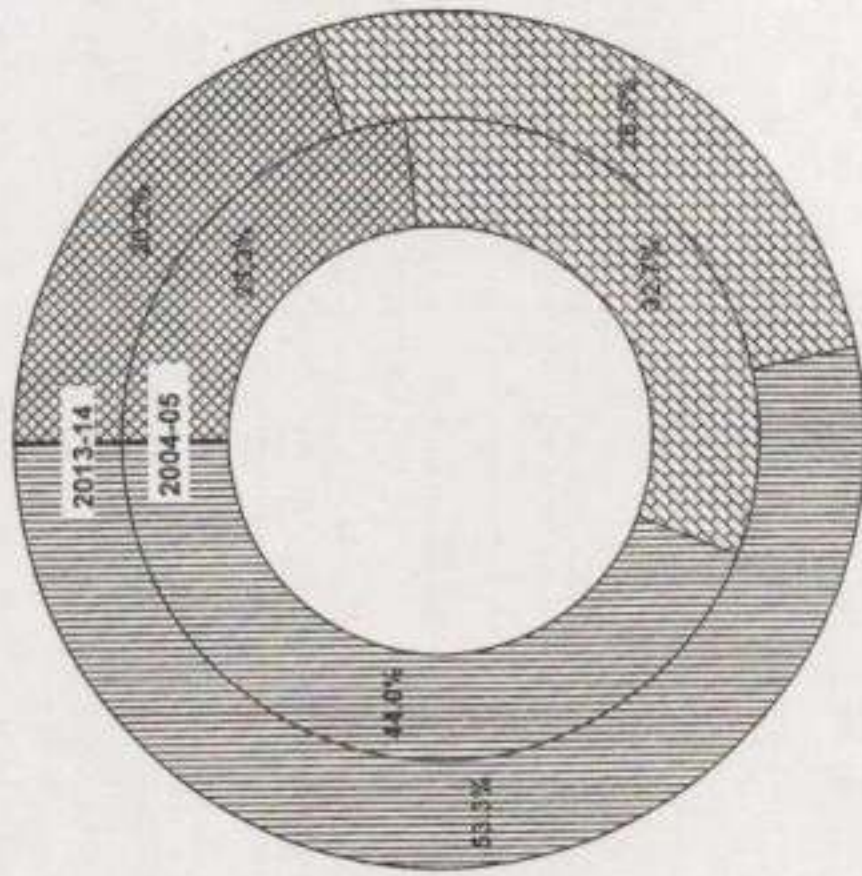
NET STATE DOMESTIC PRODUCT OF HARYANA



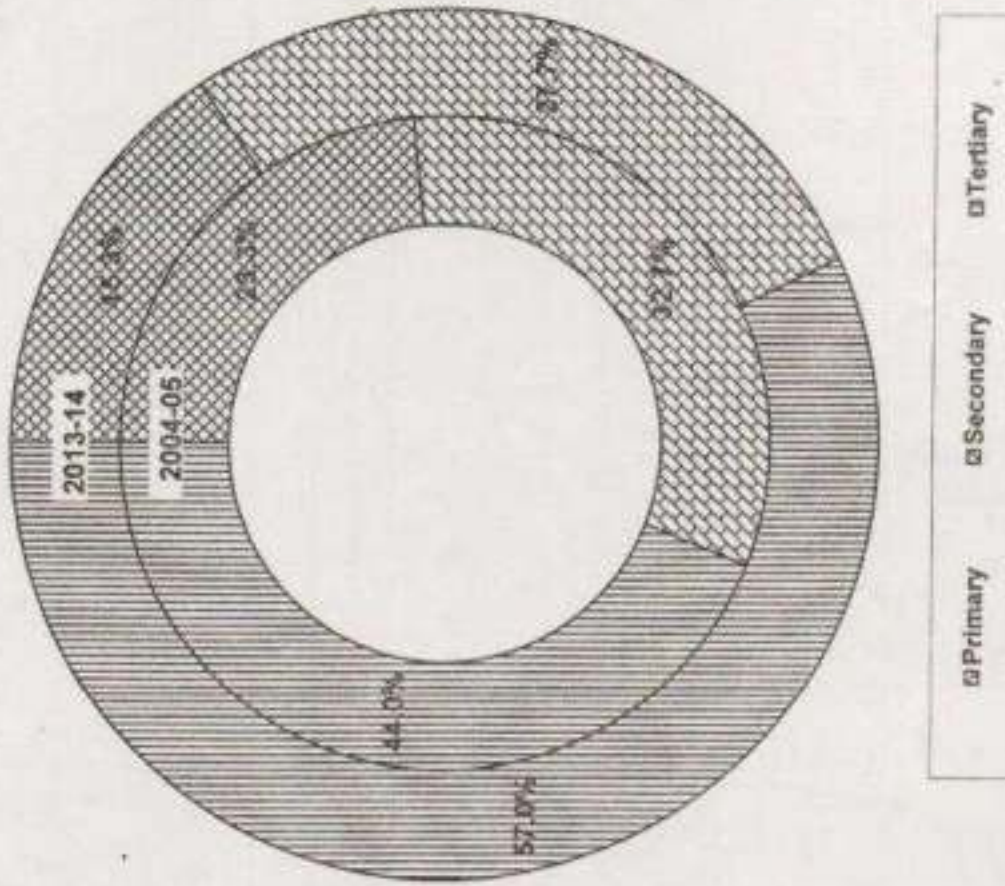
NET STATE DOMESTIC PRODUCT OF HARYANA



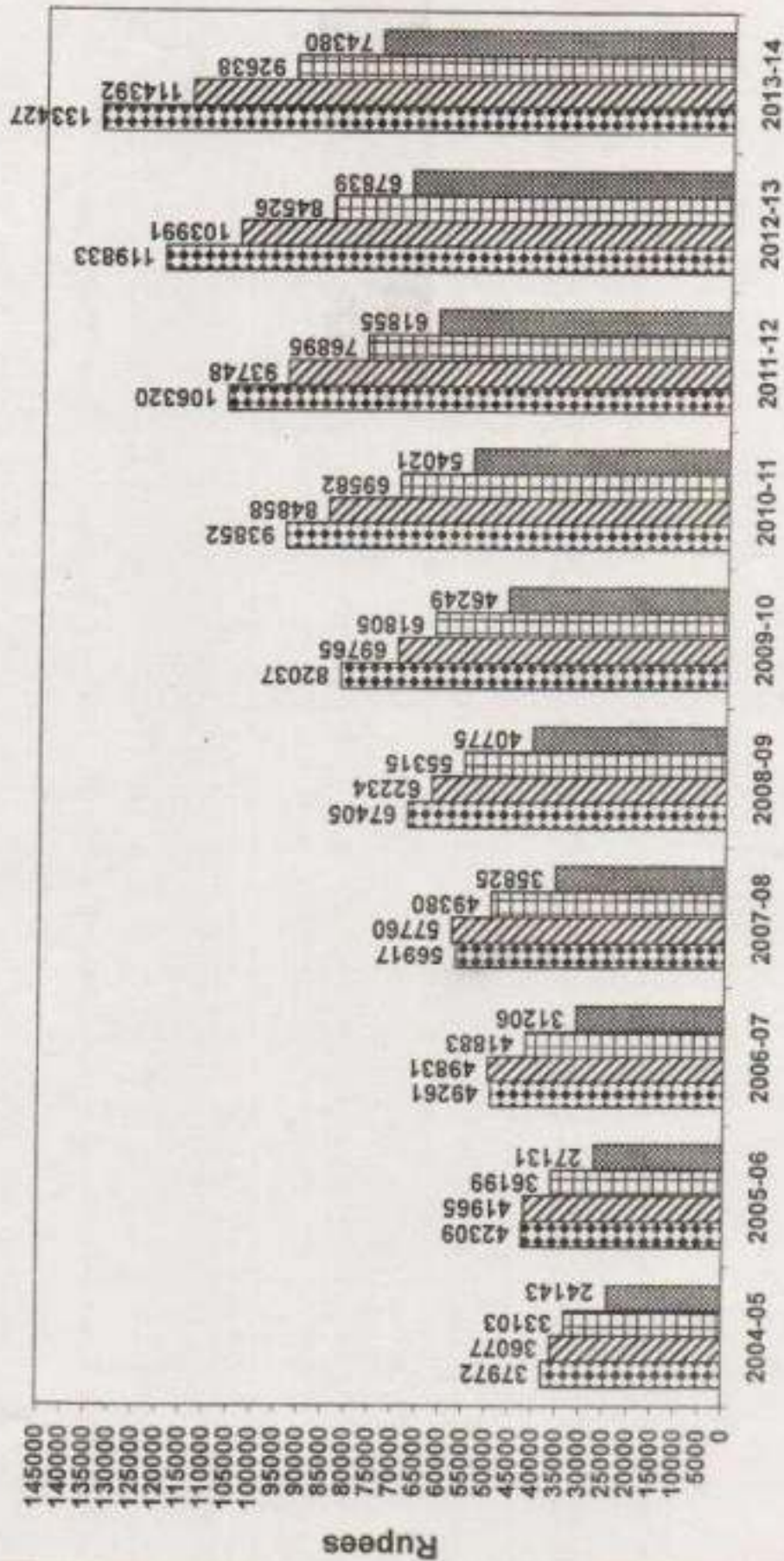
**COMPOSITION OF GROSS STATE DOMESTIC PRODUCT BY
BROAD SECTORS AT CURRENT PRICES**



**COMPOSITION OF GROSS STATE DOMESTIC PRODUCT BY
BROAD SECTORS AT CONSTANT PRICES**



**PER CAPITA INCOME OF IMPORTANT STATES
AT CURRENT PRICES**



■ Haryana □ Maharashtra □ Punjab ■ All India

**PER CAPITA INCOME OF IMPORTANT STATES
AT CONSTANT PRICES**

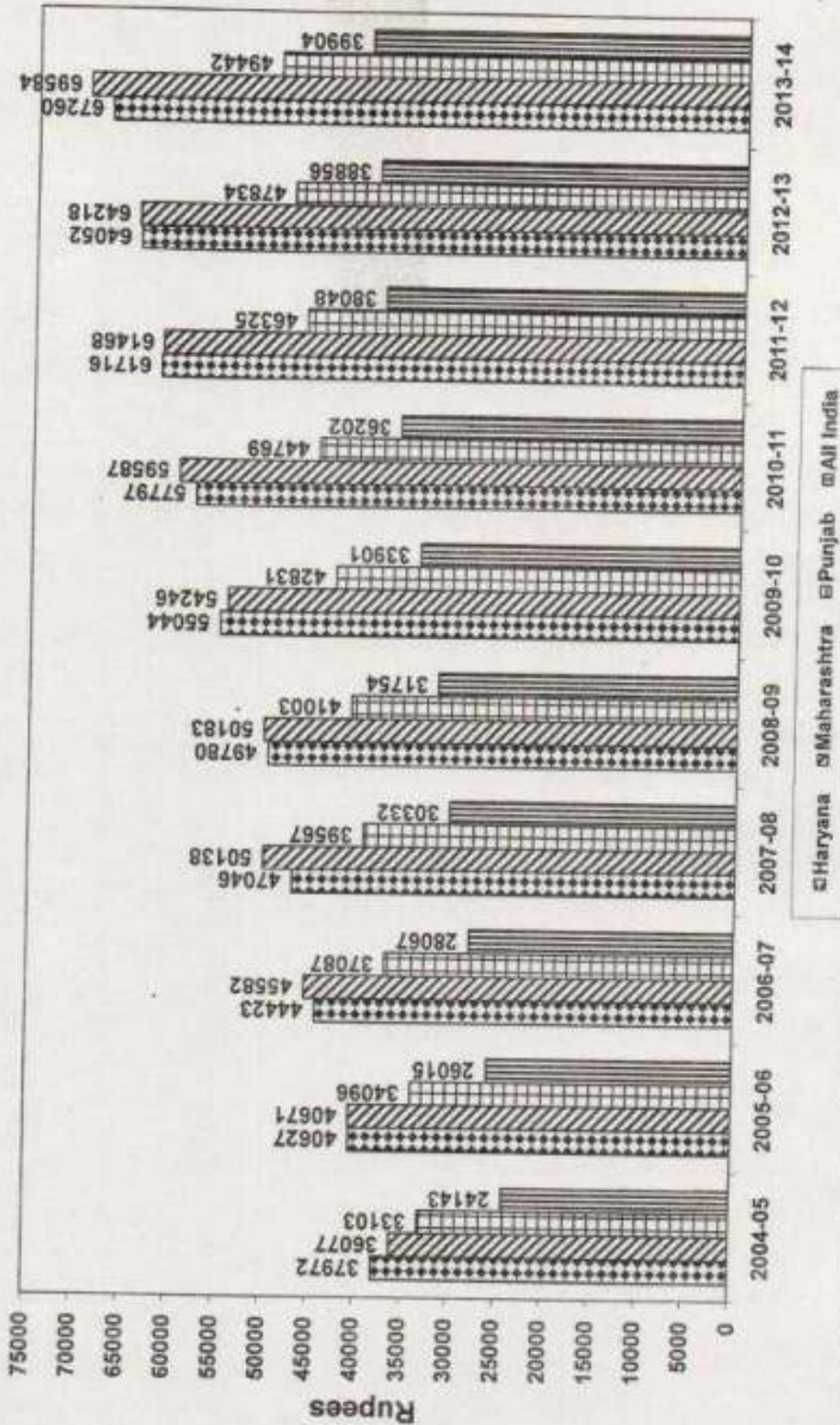


TABLE-1
State Domestic Product of Haryana at Factor Cost
at Current and Constant (2004-05) Prices

S.No.	Item	Units	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1. At Current Prices												
(i)	Gross State Domestic Product	Rs.Crore	95795.12	108894.57	128732.34	151595.90	182522.15	223500.25	260821.28	298688.33	341351.16	386916.63
(ii)	Net State Domestic Product	Rs.Crore	86222.28	97903.17	116103.55	136593.92	164536.30	203854.82	237163.29	273094.20	312753.35	353714.10
(iii)	Per Capita Gross State Domestic Product	Rs	42187	47055	54619	63173	74728	86984	103135	118284	130791	146706
(iv)	Per Capita Net State Domestic Product	Rs	37972	42309	49261	58917	67405	82037	93852	106320	119633	133427
2. At Constant (2004-05) Prices												
(i)	Gross State Domestic Product	Rs.Crore	95795.12	104607.79	116344.34	126170.76	136477.94	152474.47	163770.20	176916.97	186642.83	199656.83
(ii)	Net State Domestic Product	Rs.Crore	86222.28	94011.46	104700.49	112895.92	121588.39	136779.99	146053.47	158522.99	167168.82	178307.19
(iii)	Per Capita Gross State Domestic Product	Rs	42187	45206	49363	52578	55876	61360	64808	68677	71513	75314
(iv)	Per Capita Net State Domestic Product	Rs	37972	40627	44423	47046	49780	55044	57797	61716	64052	67260
3. Index Number (with 2004-05 as base)												
a) At Current Prices												
(i)	Gross State Domestic Product		100.0	113.7	134.4	158.3	190.5	233.4	272.1	311.8	356.3	406.0
(ii)	Net State Domestic Product		100.0	113.5	134.7	158.4	190.9	236.4	275.1	316.7	362.7	410.2
(iii)	Per Capita Gross State Domestic Product		100.0	111.5	129.5	149.7	177.1	213.3	244.5	275.6	310.0	347.7
(iv)	Per Capita Net State Domestic Product		100.0	111.4	129.7	149.9	177.5	216.0	247.2	280.0	315.6	351.4
b) At Constant (2004-05) Prices												
(i)	Gross State Domestic Product		100.0	109.2	121.5	131.7	142.5	159.2	171.0	184.7	194.8	208.4
(ii)	Net State Domestic Product		100.0	109.0	121.4	130.8	141.0	158.6	169.4	183.9	193.9	206.8
(iii)	Per Capita Gross State Domestic Product		100.0	107.2	117.0	124.6	132.4	145.4	153.6	163.3	169.5	178.5
(iv)	Per Capita Net State Domestic Product		100.0	107.0	117.0	123.9	131.1	145.0	152.2	162.5	168.7	177.1
4. Population(000)			22707	23140	23569	23997	24425	24849	25270	25686	26099	26510

TABLE - 2
Gross State Domestic Product of Haryana at Factor Cost by Industry of Origin at Current Prices

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Agriculture	20971.46	21753.79	27357.29	32194.37	40137.23	44445.67	51655.01	59074.42	64274.06	74006.08
2	Forestry & Logging	1039.50	1127.71	1624.30	2122.85	2186.24	2687.56	3048.22	3179.57	3740.74	3648.77
3	Fishing	114.06	130.24	162.47	193.89	308.98	356.93	676.44	858.60	1003.32	950.22
4	Mining & Quarrying	194.80	358.07	374.63	402.40	368.90	212.79	88.16	100.19	81.20	93.38
	Sub-total: Primary	22319.82	23369.81	29518.69	34913.52	43031.35	47702.97	55467.83	63212.78	69099.32	78698.44
5	Manufacturing	20454.51	22859.97	25855.38	29185.29	33480.17	42753.33	48786.76	52127.84	57218.45	60446.95
	5.1 Registered	13929.61	15722.60	17693.66	20122.50	23780.64	32044.44	36649.01	38959.57	42466.85	44847.66
	5.2 Un-registered	6524.90	7137.37	8161.72	9062.79	9699.53	10708.89	12137.74	13168.27	14751.60	15599.29
6	Electricity, Gas and Water Supply	1612.17	2085.31	2037.07	2214.74	3180.87	3345.99	4056.33	2750.08	4819.03	6673.66
7	Construction	9256.79	10365.25	12340.98	14107.98	16510.30	20401.35	21880.95	27252.49	31384.26	35820.26
	Sub-total: Secondary	31323.47	35311.53	40233.43	45508.01	53171.34	66500.67	74826.03	82130.42	93421.74	102940.88
8	Trade, Hotels and Restaurants	15492.23	18280.65	22237.14	27133.76	33177.25	41673.62	52578.77	62434.70	70775.23	77707.51
9	Transport, Storage & Communication	7753.29	9350.45	10898.06	13269.69	16151.54	18850.47	21433.81	24895.07	29475.21	34282.84
	9.1 Railways	1190.26	1528.66	1799.96	2401.52	2239.96	2666.24	2257.24	2607.06	3489.95	4037.66
	9.2 Transport by other means	5404.22	6519.31	7783.81	9367.20	11151.96	14109.45	17174.06	19780.58	23301.91	26891.96
	9.3 Storage	75.92	74.63	77.59	135.17	147.08	123.14	161.46	199.85	255.09	356.63
	9.4 Communication	1082.69	1227.83	1235.70	1365.80	1612.48	1951.54	1841.05	2107.58	2428.26	2876.6
	Sub-total : Transport, Communication & Trade	23245.52	27631.10	33435.20	40403.45	48328.79	60524.29	74612.58	87329.77	100250.44	111970.35
10	Banking & Insurance	3033.07	3493.55	4193.35	4950.43	5776.26	6627.09	8951.94	10652.93	12565.50	14057.14
11	Real Estate, Ownership of Dwellings, Legal & Business Services	9449.69	10588.63	11965.67	14695.00	17344.05	21777.44	23764.30	28615.92	34271.67	44183.66
	Sub-total : Finance & Real Estate	11482.76	14082.38	16169.02	19645.43	23120.31	28404.53	32716.14	39568.85	46837.17	58240.80
12	Public Administration	2360.44	2694.31	2891.17	3262.73	4505.17	5624.91	6903.32	6886.37	7908.61	9007.98
13	Other Services	5063.11	5795.44	6794.83	7862.76	10384.19	14942.88	17095.38	19660.15	23833.67	28058.17
	Sub-total : Community & Personal Services	7423.55	8488.75	9686.00	11125.49	14870.36	20467.79	23598.70	26446.52	31742.48	37066.16
	Sub-total : Tertiary	42151.83	50203.23	58980.22	71174.37	86319.46	109396.61	130327.42	153345.13	178830.09	207277.30
14	Total: Gross State Domestic Product at Factor Cost	95795.12	108884.57	128732.34	151595.90	182522.15	223600.25	260621.28	298688.33	341351.16	388916.63
15	Per Capita Gross State Domestic Product (Rs.)	42167	47055	54619	63173	74728	89984	103135	116284	130791	146706

TABLE-3
Gross State Domestic Product of Haryana at Factor Cost by Industry of Origin at Constant Prices

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Agriculture	20971.46	20532.62	23543.39	23475.79	25211.78	24771.16	26091.54	28199.50	27573.50	28848.31
2	Forestry & Logging	1039.50	1082.58	1094.09	1127.12	1154.42	1178.61	1208.23	1234.49	1272.08	1316.08
3	Fishing	114.06	130.24	162.46	181.78	205.99	237.95	253.67	286.20	301.00	285.06
4	Mining & Quarrying	194.80	358.75	342.74	355.77	328.19	165.51	68.42	77.69	66.64	72.24
	Sub-total: Primary	22319.82	22084.19	25142.68	25140.46	26900.38	26353.23	27621.86	29797.89	29609.47	30521.67
5	Manufacturing	20464.61	22021.73	24023.32	26051.52	26741.61	29576.73	31955.83	32792.66	34270.92	35032.30
5.1	Registered	13929.61	15133.41	16562.59	18047.60	18624.28	20963.04	22770.49	23465.33	24386.68	24928.39
5.2	Un-registered	6524.90	6888.32	7460.73	8003.92	8117.33	8623.69	9185.34	9327.33	9884.24	10103.90
6	Electricity, Gas and Water Supply	1612.17	1743.88	1826.29	2017.90	2212.98	2683.19	2830.43	3083.53	3128.50	3375.81
7	Construction	9256.79	10070.26	11124.50	11383.59	11918.26	13478.07	13621.14	14889.33	15633.45	16955.50
	Sub-total: Secondary	31323.47	33835.87	37004.11	39453.01	40872.85	45737.99	48407.40	50765.53	53032.86	55373.51
8	Trade, Hotels and Restaurants	15492.23	17476.78	19922.13	23163.61	26181.65	31626.32	36340.34	39576.59	41741.19	43197.05
9	Transport, Storage & Communication	7753.29	9206.43	10225.09	11649.82	12277.89	13491.60	14155.12	15575.00	17021.61	18650.06
9.1	Railways	1190.26	1556.85	1675.03	2105.58	1941.91	2082.61	1891.31	2281.41	2831.07	3247.90
9.2	Transport by other means	5404.22	6213.96	6956.63	7736.03	8280.86	9117.50	10016.93	10778.71	11599.12	12530.17
9.3	Storage	75.92	70.68	67.96	69.65	71.53	79.40	75.98	78.13	85.76	82.37
9.4	Communication	1662.89	1364.92	1525.47	1737.96	1983.59	2232.19	2178.90	2436.75	2505.65	2789.62
	Sub-total: Transport, Communication & Trade	23245.52	26683.21	30147.22	34813.43	38459.54	45118.12	50495.48	55151.59	58762.81	61847.11
10	Banking & Insurance	3033.07	3761.32	4615.71	5497.18	6145.55	7071.06	8888.98	10444.40	11233.77	11989.02
11	Real Estate, Ownership of Dwellings, Legal & Business Services	8449.69	10154.09	10758.23	11921.05	12799.47	14511.12	14093.33	15818.48	17547.20	21636.22
	Sub-total: Finance & Real Estate	11482.76	13915.41	15373.94	17418.23	18945.02	21582.18	22962.31	26262.88	28780.97	33625.24
12	Public Administration	2360.44	2572.47	2603.38	2776.13	3481.87	3858.83	4064.40	4027.08	4262.50	4671.05
13	Other Services	5063.11	5516.64	6073.01	6569.50	7618.28	9604.12	10218.77	10912.00	12104.21	13818.25
	Sub-total: Community & Personal Services	7423.55	8088.11	8676.39	9345.63	11300.15	13682.95	14283.17	14939.08	16456.72	18289.31
	Sub-total: Tertiary	42151.83	48667.73	54197.55	61577.29	68704.71	80383.25	87740.94	96353.55	104000.50	113761.65
14	Total: Gross State Domestic Product at Factor Cost	95795.12	104607.79	116344.34	126170.76	136477.94	152474.47	163770.20	176916.97	186642.83	199656.83
15	Per Capita Gross State Domestic Product (Rs.)	42187	45206	49363	52578	55876	61360	64808	68877	71513	75314

TABLE-4
Composition of Gross State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Current Prices

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	(Percent)
1	Agriculture	21.9	20.0	21.3	21.2	22.0	19.9	19.8	19.6	18.8	19.0	19.0
2	Forestry & Logging	1.1	1.0	1.3	1.4	1.2	1.2	1.2	1.1	1.1	0.9	0.9
3	Fishing	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.2
4	Mining & Quarrying	0.2	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0
	Sub-total: Primary	23.3	21.5	22.9	23.0	23.6	21.3	21.3	21.2	20.2	20.2	20.2
5	Manufacturing	21.4	21.0	20.1	19.3	18.3	19.1	18.7	17.5	16.8	15.5	15.5
5.1	Registered	14.5	14.4	13.7	13.3	13.0	14.3	14.1	13.0	12.4	11.5	11.5
5.2	Un-registered	6.8	6.6	6.3	6.0	5.3	4.8	4.7	4.4	4.3	4.0	4.0
6	Electricity, Gas and Water Supply	1.7	1.9	1.6	1.5	1.7	1.5	1.6	0.9	1.4	1.7	1.7
7	Construction	9.7	9.5	9.6	9.3	9.0	9.1	8.4	9.1	9.2	9.2	9.2
	Sub-total: Secondary	32.7	32.4	31.3	30.0	29.1	29.7	28.7	27.5	27.4	26.5	26.5
8	Trade, Hotels and Restaurants	16.2	16.8	17.3	17.9	18.2	18.6	20.2	20.9	20.7	20.0	20.0
9	Transport, Storage & Communication	8.1	8.6	8.5	8.8	8.3	8.4	8.2	8.3	8.6	8.8	8.8
9.1	Railways	1.2	1.4	1.4	1.6	1.2	1.2	0.9	0.9	1.0	1.0	1.0
9.2	Transport by other means	5.6	6.0	6.0	6.2	6.1	6.3	6.6	6.6	6.8	6.9	6.9
9.3	Storage	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9.4	Communication	1.1	1.1	1.0	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7
	Sub-total : Transport, Communication & Trade	24.3	25.4	25.7	26.7	26.5	27.1	28.4	29.2	29.4	28.8	28.8
10	Banking & Insurance	3.2	3.2	3.3	3.3	3.2	3.0	3.4	3.7	3.7	3.6	3.6
11	Real Estate, Ownership of Dwellings, Legal & Business Services	8.8	9.7	9.3	8.7	9.6	9.7	9.1	9.6	10.0	11.4	11.4
	Sub-total : Finance & Real Estate	12.0	12.9	12.6	13.0	12.7	12.7	12.6	13.2	13.7	15.0	15.0
12	Public Administration	2.5	2.5	2.2	2.2	2.5	2.5	2.5	2.3	2.3	2.3	2.3
13	Other Services	5.3	5.3	5.3	5.2	5.7	6.6	6.6	5.5	7.0	7.2	7.2
	Sub-total : Community & Personal Services	7.7	7.8	7.5	7.3	8.1	9.2	9.1	8.9	9.3	9.5	9.5
	Sub-total : Tertiary	44.0	46.1	45.8	47.0	47.3	48.9	50.0	51.3	52.4	53.3	53.3
14	Total: Gross State Domestic Product at Factor Cost	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE-5
Composition of Gross State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Constant (2004-05) Prices

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	(Percent)
1	Agriculture	21.9	19.6	20.2	18.6	18.5	16.2	15.9	15.9	15.0	14.4	14.4
2	Forestry & Logging	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7
3	Fishing	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1
4	Mining & Quarrying	0.2	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0
	Sub-total: Primary	23.3	21.1	21.6	19.9	19.7	17.3	16.8	16.8	15.9	15.3	15.3
5	Manufacturing	21.4	21.1	20.6	20.6	19.6	19.4	19.5	18.5	18.4	17.5	17.5
5.1	Registered	14.5	14.5	14.2	14.3	13.6	13.7	13.9	13.3	13.1	12.5	12.5
5.2	Un-registered	6.8	6.6	6.4	6.3	5.9	5.7	5.6	5.3	5.3	5.1	5.1
6	Electricity, Gas and Water Supply	1.7	1.7	1.6	1.6	1.5	1.8	1.7	1.7	1.7	1.7	1.7
7	Construction	9.7	9.6	9.8	9.0	8.7	8.8	8.3	8.4	8.4	8.5	8.5
	Sub-total: Secondary	32.7	32.4	31.8	31.3	29.9	30.0	29.6	28.7	28.4	27.7	27.7
8	Trade, Hotels and Restaurants	16.2	16.7	17.1	18.4	19.2	20.7	22.2	22.4	22.4	21.6	21.6
9	Transport, Storage & Communication	8.1	8.8	8.8	9.2	9.0	8.8	8.8	8.8	9.1	9.3	9.3
9.1	Railways	1.2	1.5	1.4	1.7	1.4	1.4	1.1	1.3	1.5	1.6	1.6
9.2	Transport by other means	5.6	5.9	6.0	6.1	6.1	6.0	6.1	6.1	6.2	6.3	6.3
9.3	Storage	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
9.4	Communication	1.1	1.3	1.3	1.4	1.5	1.5	1.3	1.4	1.3	1.4	1.4
	Sub-total: Transport, Communication & Trade	24.3	25.5	25.9	27.6	28.2	28.6	30.8	31.2	31.5	31.0	31.0
10	Banking & Insurance	3.2	3.6	4.0	4.4	4.5	4.6	5.4	5.9	6.0	6.0	6.0
11	Real Estate, Ownership of Dwellings, Legal & Business Services	8.8	9.7	9.2	9.4	9.4	9.5	8.6	8.9	9.4	10.8	10.8
	Sub-total: Finance & Real Estate	12.0	13.3	13.2	13.8	13.9	14.2	14.0	14.8	15.4	16.8	16.8
12	Public Administration	2.5	2.5	2.2	2.2	2.6	2.5	2.5	2.3	2.3	2.3	2.3
13	Other Services	5.3	5.3	5.2	5.2	5.7	5.4	6.2	6.2	6.5	6.8	6.8
	Sub-total: Community & Personal Services	7.7	7.7	7.5	7.4	8.3	9.0	8.7	8.4	8.8	9.2	9.2
	Sub-total: Tertiary	44.0	46.5	46.6	48.8	50.4	52.7	53.6	54.5	55.7	57.0	57.0
14	Total: Gross State Domestic Product at Factor Cost	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE-6
Percentage Increase/Decrease in Gross State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Current Prices

S.No.	Industry	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Agriculture	3.7	25.8	17.7	24.7	10.7	16.2	14.4	8.8	15.1
2	Forestry & Logging	8.5	44.0	30.7	3.0	22.9	13.4	-4.3	17.6	-2.5
3	Fishing	14.2	24.7	19.3	59.4	15.5	89.5	26.8	16.9	-5.3
4	Mining & Quarrying	63.8	4.6	7.4	-0.9	-46.7	-56.6	13.6	-19.0	15.0
	Sub-total: Primary	4.7	26.3	18.3	23.3	10.9	15.3	14.0	9.3	13.9
5	Manufacturing	11.8	13.1	12.9	14.7	27.7	14.1	6.8	9.8	5.6
5.1	Registered	12.9	12.5	13.7	18.2	34.8	14.4	6.3	9.0	5.6
5.2	Un-registered	9.4	14.4	11.0	7.0	10.4	13.3	8.5	12.0	5.7
6	Electricity, Gas and Water Supply	29.3	-2.3	8.7	43.6	5.2	21.3	-32.2	75.2	38.5
7	Construction	12.0	19.0	14.3	17.0	23.6	7.7	24.0	15.2	14.1
	Sub-total: Secondary	12.7	13.9	13.1	16.8	25.1	12.6	9.8	13.7	10.2
8	Trade, Hotels and Restaurants	18.0	21.6	22.0	22.3	25.6	26.2	18.7	13.4	9.8
9	Transport, Storage & Communication	20.6	16.6	21.8	14.2	24.4	13.7	16.1	18.4	16.2
9.1	Railways	28.4	17.7	33.4	-6.7	19.0	-15.3	24.4	24.3	15.7
9.2	Transport by other means	20.6	19.4	20.3	19.1	26.5	21.7	15.2	17.8	15.8
9.3	Storage	-1.7	4.0	74.2	8.8	-16.3	31.1	23.8	27.6	39.6
9.4	Communication	13.4	0.7	10.4	18.1	21.0	-5.7	14.5	15.2	16.5
	Sub-total : Transport, Communication & Trade	18.9	19.9	21.9	19.6	25.2	22.3	18.0	14.8	11.7
10	Banking & Insurance	15.2	20.0	18.1	16.7	14.7	35.1	22.4	14.7	11.9
11	Real Estate, Ownership of Dwellings, Legal & Business Services	25.3	13.0	22.8	18.0	25.6	9.1	20.4	19.8	28.9
	Sub-total : Finance & Real Estate	22.6	14.7	21.6	17.7	22.9	15.2	20.9	18.4	24.3
12	Public Administration	14.1	7.3	12.9	38.1	24.8	19.6	5.9	14.8	13.9
13	Other Services	14.5	17.2	15.7	31.8	43.2	15.2	14.4	21.8	17.7
	Sub-total : Community & Personal Services	14.4	14.1	14.9	33.7	37.6	15.3	12.1	20.0	16.8
	Sub-total : Tertiary	19.1	17.5	20.7	21.3	26.7	19.1	17.7	16.6	15.9
14	Total: Gross State Domestic Product at Factor Cost	13.7	18.2	17.8	20.4	22.5	16.6	14.6	14.3	13.9
15	Per Capita Gross State Domestic Product	11.5	16.1	15.7	18.3	20.4	14.6	12.8	12.5	12.2

TABLE-7

Percentage Increase/Decrease in Gross State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Constant Prices

S.No.	Industry	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Agriculture	-2.1	14.7	-0.3	7.4	-1.7	5.3	6.1	-0.8	3.1
2	Forestry & Logging	-2.2	3.0	-3.0	2.4	2.1	2.6	2.2	3.0	3.5
3	Fishing	14.2	24.7	11.9	13.3	15.5	6.6	12.8	5.2	-5.3
4	Mining & Quarrying	84.2	-4.5	3.6	-7.6	-49.6	-56.7	13.5	-14.2	8.4
	Sub-total: Primary	-1.1	13.8	0.0	7.0	-2.0	4.8	7.9	-0.6	3.1
5	Manufacturing	7.7	9.1	6.4	2.6	10.6	8.0	2.6	4.5	2.2
5.1	Registered	6.6	9.4	9.0	3.2	12.5	6.7	3.1	3.9	2.2
5.2	Un-registered	5.6	6.3	7.3	1.4	6.2	6.5	1.5	6.0	2.2
6	Electricity, Gas and Water Supply	8.2	9.4	8.7	9.7	21.2	5.5	8.9	1.5	7.9
7	Construction	8.8	10.5	2.3	4.7	13.1	1.1	9.3	5.0	8.5
	Sub-total: Secondary	8.0	9.4	6.6	3.6	11.9	5.8	4.9	4.5	4.4
8	Trade, Hotels and Restaurants	12.6	14.0	16.3	13.0	20.8	14.9	6.9	5.5	3.5
9	Transport, Storage & Communication	18.7	11.1	13.9	5.4	9.9	4.9	10.0	9.3	9.6
9.1	Railways	30.8	7.6	25.7	-7.8	6.2	-8.8	21.3	24.1	14.7
9.2	Transport by other means	15.0	12.0	11.2	7.0	10.1	9.9	7.6	7.6	8.0
9.3	Storage	-6.9	-3.6	2.5	2.7	11.0	-4.3	2.6	9.8	-4.0
9.4	Communication	26.0	11.8	13.9	14.1	12.5	-2.4	11.6	2.6	11.3
	Sub-total: Transport, Communication & Trade	14.8	13.0	15.5	10.5	17.3	11.9	9.2	6.5	5.2
10	Banking & Insurance	24.0	22.7	19.1	11.8	15.1	25.4	17.8	7.6	6.7
11	Real Estate, Ownership of Dwellings, Legal & Business Services	20.2	5.9	10.8	7.4	13.4	-2.9	-12.2	10.9	23.3
	Sub-total: Finance & Real Estate	21.2	10.5	13.3	8.8	13.9	6.4	14.4	9.6	16.8
12	Public Administration	9.0	1.2	6.6	25.4	10.8	5.3	-0.9	5.8	9.6
13	Other Services	9.0	10.1	8.2	19.0	25.7	4.0	6.6	11.6	11.7
	Sub-total: Community & Personal Services	9.0	7.3	7.7	20.9	21.1	4.4	4.6	10.2	11.1
	Sub-total: Tertiary	15.5	11.3	13.6	11.6	17.0	9.2	9.8	7.9	9.4
14	Total: Gross State Domestic Product at Factor Cost	9.2	11.2	8.4	8.2	11.7	7.4	8.0	5.5	7.0
15	Per Capita Gross State Domestic Product	7.2	9.2	6.5	5.3	9.8	5.6	6.3	3.8	5.3

TABLE-8
Index Number of Gross State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Current Prices

S.No.	Industry	(Base 2004-05=100)										
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	
1	Agriculture	100.0	103.7	130.5	153.5	191.4	211.9	246.3	281.7	306.5	352.9	
2	Forestry & Logging	100.0	108.5	156.3	204.2	210.3	256.5	293.2	305.9	359.9	351.0	
3	Fishing	100.0	114.2	142.4	170.0	270.9	312.9	593.1	752.9	879.6	833.1	
4	Mining & Quarrying	100.0	183.8	192.3	206.6	204.8	109.2	45.3	51.4	41.7	47.9	
	Sub-total: Primary	100.0	104.7	132.3	155.4	192.8	213.7	248.5	283.2	309.6	352.6	
5	Manufacturing	100.0	111.8	126.4	142.7	163.7	209.0	238.5	254.8	276.7	278.7	
5.1	Registered	100.0	112.9	127.0	144.5	170.7	230.0	263.1	279.7	304.9	322.0	
5.2	Un-registered	100.0	109.4	125.1	138.9	148.7	164.1	186.0	201.8	226.1	239.1	
6	Electricity, Gas and Water Supply	100.0	129.3	126.4	137.4	197.3	207.5	251.7	170.6	298.9	414.0	
7	Construction	100.0	112.0	133.3	152.4	178.4	220.4	237.5	254.4	339.0	397.0	
	Sub-total: Secondary	100.0	112.7	128.4	145.3	169.7	212.3	238.9	262.2	298.2	328.6	
8	Trade, Hotels and Restaurants	100.0	116.0	143.5	175.1	214.2	269.0	339.4	403.0	456.8	501.6	
9	Transport, Storage & Communication	100.0	120.6	140.6	171.1	195.4	243.1	276.4	321.1	380.2	441.9	
9.1	Railways	100.0	128.4	151.2	201.6	188.2	224.0	189.6	235.8	293.2	339.2	
9.2	Transport by other means	100.0	120.6	144.0	173.3	206.4	261.1	317.8	366.0	431.2	499.5	
9.3	Storage	100.0	96.3	102.2	178.0	163.7	152.2	212.7	263.2	336.0	469.7	
9.4	Communication	100.0	113.4	114.2	126.1	148.9	180.2	170.0	194.6	224.2	265.6	
	Sub-total : Transport, Communication & Trade	100.0	118.9	142.6	173.8	207.9	260.4	318.4	375.7	431.3	481.7	
10	Banking & Insurance	100.0	115.2	138.3	163.2	190.4	218.5	295.1	361.1	414.3	463.5	
11	Real Estate, Ownership of Dwellings, Legal & Business Services	100.0	125.3	141.6	173.9	205.3	257.7	281.2	338.7	405.6	522.9	
	Sub-total : Finance & Real Estate	100.0	122.6	140.7	171.1	201.3	247.4	284.9	344.6	407.9	507.2	
12	Public Administration	100.0	114.1	122.5	136.2	190.9	238.3	275.5	291.7	335.1	381.6	
13	Other Services	100.0	114.5	134.2	155.3	204.7	293.2	337.8	396.3	470.7	554.2	
	Sub-total : Community & Personal Services	100.0	114.4	130.5	149.9	200.3	275.7	317.9	356.3	427.6	499.3	
	Sub-total : Tertiary	100.0	119.1	139.9	168.9	204.8	259.5	309.2	363.8	424.3	491.7	
14	Total: Gross State Domestic Product at Factor Cost	100.0	113.7	134.4	158.3	190.5	233.4	272.1	311.8	356.3	406.0	
15	Per Capita Gross State Domestic Product	100.0	111.5	129.5	149.7	177.1	213.3	244.5	275.6	310.0	347.7	

TABLE-9
Index Number of Gross State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Costant (2004-05) Prices

S.No.	Industry	(Base 2004-05=100)									
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Agriculture	100.0	97.9	112.3	111.9	120.2	118.1	124.4	134.5	133.4	137.6
2	Forestry & Logging	100.0	102.2	105.3	108.4	111.1	113.4	116.2	118.8	122.4	126.6
3	Fishing	100.0	114.2	142.4	159.4	180.8	208.6	222.4	260.9	263.9	249.9
4	Mining & Quarrying	100.0	184.2	175.9	182.6	168.5	85.0	35.1	39.9	34.2	37.1
	Sub-total: Primary	100.0	98.9	112.6	112.6	120.5	118.1	123.8	133.5	132.7	136.7
5	Manufacturing	100.0	107.7	117.4	127.4	130.7	144.6	156.2	160.3	167.5	171.3
5.1	Registered	100.0	108.6	118.9	129.6	133.7	150.4	163.5	168.5	175.1	179.0
5.2	Un-registered	100.0	105.6	114.3	122.7	124.4	132.2	140.8	142.9	151.5	154.8
6	Electricity, Gas and Water Supply	100.0	108.2	115.1	125.2	137.3	166.4	175.6	191.3	194.1	209.4
7	Construction	100.0	108.8	120.2	123.0	128.8	145.5	147.1	160.6	168.9	183.3
	Sub-total: Secondary	100.0	108.0	118.1	126.0	130.5	146.0	154.5	162.1	169.3	176.8
8	Trade, Hotels and Restaurants	100.0	112.8	128.6	149.5	169.0	204.1	234.6	255.5	269.4	278.8
9	Transport, Storage & Communication	100.0	118.7	131.9	150.3	158.4	174.0	182.6	200.9	219.5	240.5
9.1	Railways	100.0	130.8	140.7	176.9	163.2	173.3	158.1	191.7	237.9	272.9
9.2	Transport by other means	100.0	115.0	128.7	143.2	153.2	168.7	165.4	199.4	214.6	231.9
9.3	Storage	100.0	93.1	89.5	91.7	94.2	104.6	100.1	102.9	113.0	108.5
9.4	Communication	100.0	126.0	140.9	160.5	183.2	208.1	201.2	225.0	231.4	257.6
	Sub-total: Transport, Communication & Trade	100.0	114.8	128.7	149.8	166.4	194.1	217.2	237.3	252.8	286.1
10	Banking & Insurance	100.0	124.0	152.2	181.2	202.6	233.1	292.4	344.4	370.4	395.3
11	Real Estate, Ownership of Dwellings, Legal & Business Services	100.0	120.2	127.3	141.1	151.5	171.7	186.8	167.2	207.7	256.1
	Sub-total: Finance & Real Estate	100.0	121.2	133.9	151.7	165.0	188.0	200.0	228.7	250.6	292.8
12	Public Administration	100.0	109.0	110.3	117.6	147.5	163.5	172.2	170.6	180.6	197.9
13	Other Services	100.0	109.0	119.9	129.8	154.4	194.0	201.8	215.5	240.8	269.0
	Sub-total: Community & Personal Services	100.0	109.0	116.9	125.9	152.2	184.3	192.4	201.2	221.7	246.4
	Sub-total: Tertiary	100.0	115.5	128.6	146.1	163.0	190.7	208.2	228.6	246.7	269.9
14	Total: Gross State Domestic Product at Factor Cost	100.0	109.2	121.5	131.7	142.5	159.2	171.0	184.7	194.8	208.4
15	Per Capita Gross State Domestic Product	100.0	107.2	117.0	124.6	132.4	145.4	153.8	163.3	169.5	178.5

TABLE-10
Net State Domestic Product of Haryana at Factor Cost by Industry of Origin at Current Prices

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Agriculture	19844.98	20511.30	25944.83	30536.87	38202.87	42129.13	48780.97	55906.50	60480.48	69639.72
2	Forestry & Logging	1025.54	1111.85	1604.41	2105.21	2155.55	2650.36	3011.95	3141.72	3698.40	3603.89
3	Fishing	99.70	114.38	142.15	168.01	265.59	303.30	576.90	722.49	850.27	805.31
4	Mining & Quarrying	161.20	291.65	304.02	326.38	318.12	162.07	70.66	80.42	61.60	70.88
	Sub-total: Primary	21131.72	22029.18	27995.41	33136.47	40942.13	45244.86	52420.48	59851.13	65090.73	74119.79
5	Manufacturing	18262.05	18284.74	20465.27	22545.33	25723.71	34722.95	39035.95	42131.73	46847.40	48478.45
	5.1 Registered	11022.27	12567.81	13914.87	15206.03	17977.10	26240.39	29319.79	31636.82	34930.16	35987.82
	5.2 Un-registered	5259.78	5716.93	6550.40	7339.30	7746.61	8482.56	9716.16	10494.91	11947.24	12510.63
6	Electricity, Gas and Water Supply	922.16	1163.31	1110.44	1201.55	1688.20	1865.41	2257.79	1369.44	3248.78	3733.25
7	Construction	6837.06	9893.37	11750.68	13407.89	15684.65	19321.09	20798.00	25802.47	29701.12	33885.98
	Sub-total: Secondary	26041.27	29341.42	33326.39	37154.87	43096.56	55909.45	62091.74	69303.65	79797.30	86097.68
8	Trade, Hotels and Restaurants	15152.40	17865.62	21770.20	25566.97	32433.00	40813.56	51472.95	61175.60	68913.28	75687.11
9	Transport, Storage & Communication	6749.01	8088.72	9495.09	11668.97	13389.46	16801.55	19314.19	21871.07	28189.59	30068.19
	9.1 Railways	828.10	1026.34	1231.66	1759.76	1528.42	1868.87	1514.79	1781.05	2212.63	2559.88
	9.2 Transport by other means	4942.52	5969.08	7142.11	8646.42	10406.57	13258.93	16193.68	18337.84	21915.45	25048.54
	9.3 Storage	72.71	70.78	73.09	130.10	142.03	115.82	153.95	188.17	242.53	337.72
	9.4 Communication	905.68	1022.52	1038.23	1132.69	1312.44	1557.93	1451.46	1564.01	1788.96	2120.05
	Sub-total: Transport, Communication & Trade	21801.41	25974.34	31255.29	38235.94	45822.46	57815.11	70787.14	83046.67	95072.87	105753.30
10	Banking & Insurance	2879.88	3431.25	4120.58	4867.80	5694.68	6522.99	8822.42	10804.00	12389.56	13860.34
11	Real Estate, Ownership of Dwellings, Legal & Business Services	7408.88	9413.72	10602.84	13088.61	15396.82	19507.14	21071.02	25585.74	30763.42	39411.82
	Sub-total: Finance & Real Estate	10388.76	12844.97	14723.40	17956.41	21081.50	26030.13	29893.44	36389.74	43153.00	53272.16
12	Public Administration	1904.43	2176.47	2329.31	2617.44	3775.94	4739.18	5462.69	5781.46	6625.33	7563.38
13	Other Services	4854.69	5536.79	6473.75	7482.79	9917.71	14316.19	16507.80	18721.55	23014.11	26907.79
	Sub-total: Community & Personal Services	6759.12	7713.26	8803.06	10100.23	13693.65	19055.37	21970.49	24503.01	29639.44	34471.17
	Sub-total: Tertiary	39049.29	46532.57	54781.75	66292.58	80597.61	102700.61	122651.07	143939.42	167865.31	193496.63
14	Total: Net State Domestic Product at Factor Cost	86222.28	97903.17	116103.55	136583.92	164636.30	203854.92	237163.29	273094.20	312753.35	353714.10
15	Per Capita Income(Rs.)	37972	42309	49261	56917	67405	82037	93852	106320	119833	133427

TABLE-11
Net State Domestic Product of Haryana at Factor Cost by Industry of Origin at Constant Prices

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Agriculture	19844.88	19340.33	22267.84	22058.04	23677.64	23111.90	24189.00	26243.65	25807.01	26731.00
2	Forestry & Logging	1025.94	1047.34	1076.20	1112.20	1130.59	1152.84	1185.36	1212.40	1249.50	1293.55
3	Fishing	90.70	114.88	143.30	158.57	169.89	194.99	177.57	190.21	199.41	189.14
4	Mining & Quarrying	161.20	294.97	277.95	288.71	260.88	125.28	55.37	63.79	49.83	57.22
	Sub-total: Primary	21131.72	20797.52	23765.30	23617.52	25239.00	24585.01	25607.30	27710.06	27305.75	28270.75
5	Manufacturing	16282.05	17608.01	19007.76	20058.38	20058.16	22889.12	24125.86	25086.41	26568.33	26813.71
5.1	Registered	11022.27	12080.96	13023.38	13576.39	13694.76	18091.22	18841.51	17768.07	18721.20	18771.08
5.2	Un-registered	5259.78	5527.05	5984.38	6479.99	5463.40	6797.90	7284.35	7318.35	7847.13	8042.63
6	Electricity, Gas and Water Supply	922.16	860.12	1009.42	1125.43	964.96	1522.56	1484.71	2103.24	2063.83	1889.11
7	Construction	8837.06	9612.75	10571.20	10745.92	11203.99	12581.09	12676.57	13777.59	14393.86	15659.15
	Sub-total: Secondary	26041.27	28080.88	30588.38	31927.73	32237.11	36892.77	38287.14	40967.25	43026.01	44361.97
8	Trade, Hotels and Restaurants	15152.40	17094.82	19495.56	22674.67	25587.03	30950.45	35531.45	38712.47	40540.28	41944.33
9	Transport, Storage & Communication	6749.01	7979.22	8902.95	10219.58	10806.58	11804.77	12490.38	13294.18	14597.67	16010.97
9.1	Railways	828.10	1064.73	1145.70	1548.46	1377.36	1410.13	1310.09	1539.12	1910.97	2192.33
9.2	Transport by other means	4942.52	5679.25	6349.70	7074.05	7631.11	8400.98	9219.54	9643.43	10550.88	11452.58
9.3	Storage	72.71	66.98	63.90	65.34	67.58	74.03	70.87	70.68	78.25	75.78
9.4	Communication	965.68	1168.26	1343.65	1531.73	1730.51	1919.53	1859.88	2040.95	2057.57	2280.28
	Sub-total :Transport, Communication & Trade	21901.41	25074.04	28398.51	32694.25	36393.59	42785.22	48021.83	52006.65	55137.95	57955.30
10	Banking & Insurance	2979.88	3701.23	4547.94	5422.56	6056.90	6984.89	8786.22	10330.72	11110.20	11857.14
11	Real Estate, Ownership of Dwellings, Legal & Business Services	7408.88	9016.79	9534.41	10589.24	11320.64	12858.57	12257.45	13907.31	15483.25	19083.14
	Sub-total: Finance & Real Estate	10388.76	12718.02	14082.35	16011.80	17387.54	19844.46	21033.67	24238.03	26593.45	30940.28
12	Public Administration	1904.43	2074.01	2089.07	2211.42	2884.82	3169.55	3333.75	3297.47	3477.13	3800.69
13	Other Services	4854.69	5298.99	5776.88	6233.20	7446.33	9402.88	9789.78	10303.53	11628.52	12978.20
	Sub-total: Community & Personal Services	6759.12	7341.00	7865.95	8444.62	10331.15	12592.53	13103.53	13601.00	15106.66	16778.89
	Sub-total : Tertiary	39049.29	45133.06	50346.81	57350.67	64112.28	75202.21	82159.03	89845.68	96837.06	105674.47
14	Total: Net State Domestic Product at Factor Cost	86222.28	94011.46	104700.49	112895.92	121588.39	136779.99	146053.47	158522.99	167168.82	178307.19
15	Per Capita Income(Rs.)	37972	40627	44423	47046	49780	55044	57787	61716	64052	67260

TABLE-12
Composition of Net State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Current Prices

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	(Percent)
1	Agriculture	23.0	21.0	22.3	22.4	23.2	20.7	20.6	20.5	19.3	19.7	19.7
2	Forestry & Logging	1.2	1.1	1.4	1.5	1.3	1.3	1.3	1.2	1.2	1.0	1.0
3	Fishing	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.3	0.2	0.2
4	Mining & Quarrying	0.2	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0
	Sub-total: Primary	24.5	22.5	24.1	24.3	24.9	22.2	22.1	21.9	20.8	21.0	21.0
5	Manufacturing	18.9	18.7	17.6	16.5	15.6	17.0	16.5	15.4	15.0	13.7	13.7
5.1	Registered	12.8	12.8	12.0	11.1	10.9	12.9	12.4	11.6	11.2	10.2	10.2
5.2	Un-registered	6.1	5.8	5.6	5.4	4.7	4.2	4.1	3.8	3.8	3.5	3.5
6	Electricity, Gas and Water Supply	1.1	1.2	1.0	0.9	1.0	0.9	1.0	0.5	1.0	1.1	1.1
7	Construction	10.2	10.1	10.1	9.8	9.5	9.5	8.8	9.4	9.5	9.6	9.6
	Sub-total: Secondary	30.2	30.0	28.7	27.2	26.2	27.4	26.2	25.4	25.5	24.3	24.3
8	Trade, Hotels and Restaurants	17.6	18.3	18.8	19.5	19.7	20.0	21.7	22.4	22.0	21.4	21.4
9	Transport, Storage & Communication	7.8	8.3	8.2	8.5	8.1	8.2	8.1	8.0	8.5	8.5	8.5
9.1	Railways	1.0	1.0	1.1	1.3	0.9	0.9	0.6	0.7	0.7	0.7	0.7
9.2	Transport by other means	5.7	6.1	6.2	6.3	6.3	6.5	6.8	6.7	7.0	7.1	7.1
9.3	Storage	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9.4	Communication	1.1	1.0	0.9	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.6
	Sub-total: Transport, Communication & Trade	25.4	26.5	26.9	28.0	27.8	28.3	29.8	30.4	30.4	29.9	29.9
10	Banking & Insurance	3.5	3.5	3.5	3.6	3.5	3.2	3.7	4.0	4.0	3.9	3.9
11	Real Estate, Ownership of Dwellings, Legal & Business Services	6.6	9.6	9.1	9.6	9.4	9.8	8.9	9.4	9.8	11.1	11.1
	Sub-total: Finance & Real Estate	12.0	13.1	12.7	13.1	12.9	12.8	12.6	13.3	13.8	15.1	15.1
12	Public Administration	2.2	2.2	2.0	1.9	2.3	2.3	2.3	2.1	2.1	2.1	2.1
13	Other Services	5.6	5.7	5.6	5.5	6.0	7.0	7.0	6.9	7.4	7.6	7.6
	Sub-total: Community & Personal Services	7.8	7.9	7.6	7.4	8.3	9.3	9.3	9.0	9.5	9.7	9.7
	Sub-total: Tertiary	45.3	47.5	47.2	48.5	48.9	50.4	51.7	52.7	61.5	64.7	64.7
14	Total: Net State Domestic Product at Factor Cost	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE-13

Composition of Net State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Constant (2004-05) Prices

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Agriculture	23.0	20.6	21.3	19.5	19.5	16.9	16.6	16.6	15.4	15.0
2	Forestry & Logging	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.8	0.7	0.7
3	Fishing	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	Mining & Quarrying	0.2	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0
	Sub-total: Primary	24.5	22.1	22.7	20.9	20.8	18.0	17.5	17.5	16.3	15.9
5	Manufacturing	18.9	18.7	18.2	17.8	16.5	16.7	16.5	15.8	16.9	15.0
5.1	Registered	12.8	12.9	12.4	12.0	11.2	11.8	11.5	11.2	11.2	10.5
5.2	Un-registered	6.1	5.9	5.7	5.7	5.3	5.0	5.0	4.6	4.7	4.5
6	Electricity, Gas and Water Supply	1.1	0.9	1.0	1.0	0.8	1.1	1.0	1.3	1.2	1.1
7	Construction	10.2	10.2	10.1	9.5	9.2	9.2	8.7	8.7	8.6	8.8
	Sub-total: Secondary	30.2	29.9	29.2	28.3	26.5	27.0	26.2	25.8	25.7	24.9
8	Trade, Hotels and Restaurants	17.6	18.2	16.6	20.1	21.0	22.6	24.3	24.4	24.3	23.5
9	Transport, Storage & Communication	7.8	8.5	8.5	9.1	8.9	8.6	8.6	8.4	8.7	9.0
9.1	Railways	1.0	1.1	1.1	1.4	1.1	1.0	0.9	1.0	1.1	1.2
9.2	Transport by other means	5.7	6.0	6.1	6.3	6.3	6.1	6.3	6.1	6.3	6.4
9.3	Storage	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
9.4	Communication	1.1	1.2	1.3	1.4	1.4	1.4	1.3	1.3	1.2	1.3
	Sub-total: Transport, Communication & Trade	25.4	26.7	27.1	29.1	29.9	31.3	32.9	32.8	33.0	32.5
10	Banking & Insurance	3.5	3.9	4.3	4.8	5.0	5.1	5.0	5.5	6.6	6.6
11	Real Estate, Ownership of Dwellings, Legal & Business Services	8.6	9.6	9.1	9.4	9.3	9.4	8.4	8.8	9.3	10.7
	Sub-total: Finance & Real Estate	12.0	13.6	13.5	14.2	14.3	14.5	14.4	15.3	15.9	17.4
12	Public Administration	2.2	2.2	2.0	2.0	2.4	2.3	2.3	2.1	2.1	2.1
13	Other Services	5.6	5.6	5.5	5.5	6.1	6.9	6.7	6.5	7.0	7.3
	Sub-total: Community & Personal Services	7.8	7.8	7.5	7.5	8.5	9.2	9.0	8.8	9.0	9.4
	Sub-total: Tertiary	45.3	48.0	48.1	50.8	52.7	55.0	56.3	56.7	57.9	59.3
14	Total: Net State Domestic Product at Factor Cost	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE-14
Percentage Increase/Decrease in Net State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Current Prices

S.No.	Industry	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Agriculture	3.4	26.5	17.7	25.1	10.3	15.7	14.7	8.2	15.1
2	Forestry & Logging	8.4	44.3	31.2	2.4	23.0	13.6	4.3	17.7	-2.6
3	Fishing	14.7	24.3	18.2	58.1	14.2	90.2	25.2	17.7	-5.3
4	Mining & Quarrying	80.9	4.2	7.4	-2.5	-49.1	-56.4	13.8	-23.4	15.1
	Sub-total: Primary	4.2	27.1	18.4	23.6	10.5	15.9	14.2	8.8	13.9
5	Manufacturing	12.3	11.9	10.2	14.1	35.0	12.4	7.9	11.2	3.5
5.1	Registered	14.0	10.7	9.3	18.2	46.0	11.7	7.9	10.3	3.1
5.2	Un-registered	8.7	14.6	12.0	5.5	9.5	14.5	8.0	13.8	4.7
6	Electricity, Gas and Water Supply	28.2	-4.5	8.2	40.5	10.5	21.0	-39.3	137.2	14.9
7	Construction	12.0	18.8	14.1	17.0	23.2	7.6	24.1	15.1	14.1
	Sub-total: Secondary	12.7	13.6	11.5	16.0	29.7	11.1	11.6	15.1	7.9
8	Trade, Hotels and Restaurants	18.0	21.7	22.0	22.1	25.8	26.1	18.6	12.6	9.8
9	Transport, Storage & Communication	19.9	17.3	23.0	14.7	25.5	15.0	13.2	18.6	14.9
9.1	Railways	23.9	20.0	42.9	-13.1	22.3	-16.9	17.6	24.2	15.7
9.2	Transport by other means	20.8	19.7	21.1	20.4	27.4	22.1	13.2	19.5	14.3
9.3	Storage	-2.7	3.3	78.0	9.2	-18.5	32.9	22.2	28.9	39.3
9.4	Communication	12.9	1.5	9.1	15.9	18.7	-6.8	7.6	14.4	18.5
	Sub-total: Transport, Communication & Trade	18.6	20.3	22.3	19.8	25.7	22.9	17.3	14.5	11.2
10	Banking & Insurance	15.1	20.1	18.1	16.8	14.7	35.3	22.5	14.7	11.9
11	Real Estate, Ownership of Dwellings, Legal & Business Services	27.1	12.6	23.4	17.6	26.7	8.0	21.4	20.2	28.1
	Sub-total: Finance & Real Estate	23.6	14.6	22.0	17.4	23.5	14.8	21.7	18.6	23.4
12	Public Administration	14.3	7.0	12.4	44.3	25.5	15.3	5.8	14.6	14.2
13	Other Services	14.1	16.9	15.6	32.5	44.3	15.3	13.4	22.9	16.9
	Sub-total: Community & Personal Services	14.1	14.1	14.7	35.6	39.2	15.3	11.5	21.0	16.3
	Sub-total : Tertiary	19.2	17.7	21.0	21.6	27.4	19.4	17.4	16.6	15.3
14	Total: Net State Domestic Product at Factor Cost	13.5	18.6	17.6	20.5	23.8	16.3	15.2	14.5	13.1
15	Per Capita Income(Rs.) at Factor Cost	11.4	16.4	15.5	18.4	21.7	14.4	13.3	12.7	11.3

TABLE-15
Percentage Increase/Decrease in Net State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Constant (2004-05) Prices

S.No.	Industry	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Agriculture	-2.5	15.1	-0.9	7.3	-2.4	4.7	8.5	-1.7	3.6
2	Forestry & Logging	2.1	2.8	3.3	1.7	2.0	2.8	2.3	3.1	3.5
3	Fishing	15.2	24.7	10.7	7.1	14.8	-8.9	7.1	4.8	-5.2
4	Mining & Quarrying	83.0	-5.8	3.9	-0.6	-52.0	-65.8	15.2	-21.9	14.8
	Sub-total: Primary	-1.6	14.3	-0.6	6.9	-2.6	4.2	8.2	-1.5	3.5
5	Manufacturing	8.1	7.9	5.5	0.1	14.1	5.4	4.0	5.9	0.9
5.1	Registered	9.6	7.8	4.2	0.2	16.3	4.7	5.5	5.4	0.3
5.2	Un-registered	5.1	8.3	8.3	-0.3	5.2	7.2	0.5	7.2	2.5
6	Electricity, Gas and Water Supply	-6.7	17.4	11.5	-14.3	57.8	-2.5	41.7	-1.9	-8.5
7	Construction	8.8	10.0	1.7	4.3	12.3	0.8	8.7	4.5	8.8
	Sub-total: Secondary	7.8	8.9	4.4	1.0	14.8	3.5	7.0	5.0	3.1
8	Trade, Hotels and Restaurants	12.6	14.0	16.3	12.6	21.0	14.8	9.0	4.7	3.5
9	Transport, Storage & Communication	18.2	11.5	14.8	6.7	9.2	5.8	8.4	9.8	9.7
9.1	Railways	28.6	7.6	25.2	-11.0	2.4	-7.1	17.5	24.2	14.7
9.2	Transport by other means	14.9	11.8	11.4	7.9	10.1	9.7	4.6	9.4	8.5
9.3	Storage	-7.9	-4.6	2.3	3.4	9.5	-4.3	-0.3	10.7	-3.2
9.4	Communication	29.0	15.0	14.0	13.0	10.9	-1.5	8.0	0.8	11.3
	Sub-total: Transport, Communication & Trade	14.5	13.3	15.8	10.6	17.5	12.3	8.3	6.0	5.1
10	Banking & Insurance	24.2	22.9	19.2	11.9	15.1	25.5	17.8	7.5	6.7
11	Real Estate, Ownership of Dwellings, Legal & Business Services	21.7	5.7	11.1	6.9	13.6	-4.6	13.4	11.3	23.3
	Sub-total: Finance & Real Estate	22.4	10.7	13.7	8.6	14.1	6.0	15.2	9.7	16.3
12	Public Administration	8.9	0.7	5.9	30.5	10.6	4.5	-1.1	5.4	9.3
13	Other Services	8.5	9.7	7.9	19.5	26.3	3.9	5.5	12.9	11.6
	Sub-total: Community & Personal Services	8.6	7.2	7.4	22.3	21.9	4.1	3.8	11.1	11.1
	Sub-total: Tertiary	15.6	11.6	13.9	11.8	17.3	9.3	9.4	7.8	9.1
14	Total: Net State Domestic Product at Factor Cost	9.0	11.4	7.8	7.7	12.5	6.8	8.5	5.5	6.7
15	Per Capita Income (Rs.)	7.0	9.3	5.9	5.8	10.6	5.0	6.8	3.8	5.0

TABLE-16

Index Number of Net State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Current Prices

S.No.	Industry	(Base 2004-05=100)										
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	
1	Agriculture	100.0	103.4	130.7	153.9	192.5	212.3	245.7	281.7	304.8	350.9	
2	Forestry & Logging	100.0	106.4	156.4	205.2	210.1	258.3	293.6	306.2	360.5	351.3	
3	Fishing	100.0	114.7	142.6	168.5	266.4	304.2	576.6	724.7	852.8	807.7	
4	Mining & Quarrying	100.0	180.9	188.6	202.5	197.3	100.5	43.8	49.9	38.2	44.0	
	Sub-total: Primary	100.0	104.2	132.5	156.8	193.7	214.1	248.1	283.2	308.0	350.8	
5	Manufacturing	100.0	112.3	125.7	138.5	158.0	213.3	239.7	258.8	287.7	297.7	
5.1	Registered	100.0	114.0	126.2	138.0	163.1	238.1	266.0	287.0	316.6	325.3	
5.2	Un-registered	100.0	106.7	124.5	138.5	147.3	161.3	184.7	199.5	227.1	237.9	
6	Electricity, Gas and Water Supply	100.0	126.2	120.4	130.3	163.1	202.3	244.8	148.5	352.3	404.8	
7	Construction	100.0	142.0	133.0	151.7	177.5	218.6	235.3	292.0	336.1	383.5	
	Sub-total: Secondary	100.0	112.7	128.0	142.7	165.5	214.7	238.4	266.1	306.4	330.6	
8	Trade, Hotels and Restaurants	100.0	118.0	143.7	175.3	214.0	269.4	336.7	403.7	454.8	499.5	
9	Transport, Storage & Communication	100.0	119.9	140.5	172.9	198.4	248.9	286.2	324.1	387.6	445.5	
9.1	Railways	100.0	123.9	148.7	212.5	184.6	225.7	182.9	215.1	267.2	309.1	
9.2	Transport by other means	100.0	120.8	144.5	174.9	210.6	268.3	327.6	371.0	443.4	506.8	
9.3	Storage	100.0	97.3	100.5	176.9	196.3	189.3	211.7	258.8	333.6	464.5	
9.4	Communication	100.0	112.9	114.6	125.1	144.9	172.0	160.3	172.7	197.5	234.1	
	Sub-total: Transport, Communication & Trade	100.0	118.6	142.7	174.8	209.2	283.1	323.2	379.2	434.1	482.9	
10	Banking & Insurance	100.0	115.1	138.3	163.4	190.6	218.9	296.1	362.6	415.8	465.1	
11	Real Estate, Ownership of Dwellings, Legal & Business Services	100.0	127.1	143.1	176.7	207.8	263.3	284.4	345.3	415.2	532.0	
	Sub-total: Finance & Real Estate	100.0	123.6	141.7	172.8	202.9	250.8	287.7	350.3	415.4	512.8	
12	Public Administration	100.0	114.3	122.3	137.4	196.3	248.9	286.8	303.6	347.9	397.1	
13	Other Services	100.0	114.1	133.4	154.1	204.3	294.9	340.0	385.6	474.1	554.3	
	Sub-total: Community & Personal Services	100.0	114.1	130.2	149.4	202.6	281.9	325.0	362.5	438.5	510.0	
	Sub-total: Tertiary	100.0	119.2	140.3	169.8	206.4	263.0	314.1	368.6	429.9	495.5	
14	Total: Net State Domestic Product at Factor Cost	100.0	113.5	134.7	158.4	190.9	236.4	275.1	316.7	362.7	410.2	
15	Per Capita Income	100.0	111.4	129.7	149.9	177.5	216.0	247.2	280.0	315.6	351.4	

TABLE-17
Index Number of Net State Domestic Product of Haryana at Factor Cost
by Industry of Origin at Constant(2004-05) Prices

S.No.	Industry	(Base 2004-05=100)										
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	
1	Agriculture	100.0	97.5	112.2	111.2	119.3	116.5	121.9	132.2	130.0	134.7	
2	Forestry & Logging	100.0	102.1	104.9	108.4	110.2	112.4	115.5	118.2	121.8	126.1	
3	Fishing	100.0	115.2	143.7	159.0	170.4	195.6	178.1	180.8	200.0	189.7	
4	Mining & Quarrying	100.0	183.0	172.4	179.1	161.6	77.7	34.3	39.6	30.9	35.5	
	Sub-total: Primary	100.0	98.4	112.5	111.8	119.4	116.3	121.2	131.1	129.2	133.8	
5	Manufacturing	100.0	106.1	116.7	123.2	123.3	140.6	148.2	154.1	163.2	164.7	
	5.1 Registered	100.0	109.6	118.2	123.2	123.4	146.0	152.8	161.2	169.8	170.3	
	5.2 Un-registered	100.0	105.1	113.8	123.2	122.9	129.2	138.5	139.1	149.2	152.9	
6	Electricity, Gas and Water Supply	100.0	93.3	108.5	122.0	104.6	165.1	161.0	228.1	223.8	204.9	
7	Construction	100.0	108.8	119.6	121.6	126.8	142.4	143.4	155.9	162.9	177.2	
	Sub-total: Secondary	100.0	107.8	117.5	122.6	123.8	142.1	147.0	157.3	165.2	170.4	
8	Trade, Hotels and Restaurants	100.0	112.8	126.7	149.6	168.9	204.3	234.5	255.5	267.8	276.8	
9	Transport, Storage & Communication	100.0	118.2	131.9	151.4	180.1	174.9	185.1	197.0	216.3	237.2	
	9.1 Railways	100.0	128.6	136.4	187.0	166.3	170.3	158.2	185.9	230.8	264.7	
	9.2 Transport by other means	100.0	114.9	128.5	143.1	154.4	170.0	186.5	195.1	213.5	231.7	
	9.3 Storage	100.0	92.1	87.9	69.9	92.9	101.8	97.5	97.2	107.5	104.2	
	9.4 Communication	100.0	129.0	148.4	169.1	191.1	212.0	208.7	225.4	227.2	252.9	
	Sub-total: Transport, Communication & Trade	100.0	114.5	129.7	160.2	166.2	195.3	219.3	237.5	251.8	264.6	
10	Banking & Insurance	100.0	124.2	152.6	182.0	203.6	234.4	294.2	346.7	372.8	397.9	
11	Real Estate, Ownership of Dwellings, Legal & Business Services	100.0	121.7	128.7	142.9	152.8	173.6	165.6	187.7	209.0	257.6	
	Sub-total: Finance & Real Estate	100.0	122.4	135.6	154.1	167.4	191.0	202.5	233.3	266.0	297.8	
12	Public Administration	100.0	108.9	109.7	116.1	151.5	167.5	175.1	173.1	182.6	199.6	
13	Other Services	100.0	106.5	119.0	126.4	153.4	193.7	201.2	212.2	239.5	267.3	
	Sub-total: Community & Personal Services	100.0	108.6	116.4	124.9	152.8	186.3	193.9	201.2	223.5	248.2	
	Sub-total: Tertiary	100.0	115.6	128.9	146.9	164.2	192.6	210.4	230.1	248.0	270.6	
14	Total: Net State Domestic Product at Factor Cost	100.0	109.0	121.4	130.9	141.0	158.6	169.4	183.9	193.9	206.8	
15	Per Capita Income	100.0	107.0	117.0	123.9	131.1	145.0	152.2	162.5	168.7	177.1	

CHAPTER-I

AGRICULTURE AND ALLIED ACTIVITIES

COVERAGE

1.1 This sector comprises agriculture proper, livestock & livestock products and operation of Government irrigation system. The economic activities included in agriculture proper are:

- (i) Growing of field crops, nuts, seeds, fruits, vegetables and medicinal plants
- (ii) Management of tea, coffee and rubber plantations
- (iii) Floriculture
- (iv) Agricultural and horticultural services on a fee or on contract basis such as harvesting, baling & thrashing, preparation of tobacco for marketing, pest control, spraying, pruning, picking and packing.
- (v) Foreyard and backyard cultivations.
- (vi) Ancillary activities of cultivators such as gur making, transportation of own produce to primary markets, activities yielding rental income from farm buildings & farm machinery and interest on agricultural loans.

Livestock and livestock products include breeding & rearing of animals and poultry besides private veterinary services, production of milk, slaughtering, preparation and dressing of meat, production of raw hides & skins, eggs, dung, raw wool, honey & silk worm cocoons etc. The operation of Government irrigation system comprises supply of water through various Government channels to the agriculturists.

Agricultural and livestock activities go together and it is not always feasible to segregate the various inputs like livestock feed, repairs & maintenance costs, CFC, etc. into those used in agricultural and livestock production.

METHODOLOGY AND SOURCE MATERIAL

1.2 The estimates of GSDP of agriculture and allied activities except operation of Government irrigation system have been prepared by using the production approach. The estimation of GVA involves evaluation of gross value of the products, by-products and ancillary activities at the prices received by the producers and deducting the value of inputs of raw material and services consumed in the process of production from the gross value. In case of irrigation by Government sources, the income approach has been used and the total factor income generated as a result of providing the irrigation services has been

estimated. The estimates of value of output of agriculture proper and livestock production have been prepared separately while the estimates of GVA have been worked out for the sector as a whole.

Agriculture

1.3 The district-wise statistics of area are available in respect of all agricultural crops but output data, however, is not so comprehensive. The output data is available only in respect of the following crops:

- (i) **Cereals:** wheat, barley, rice, maize, bajra, jowar.
- (ii) **Pulses:** gram, moong, mash, massar, arhar, other pulses.
- (iii) **Oilseeds:** sesamum, groundnut, rape & mustard, sunflower.
- (iv) **Fibres:** cotton (American and Desi), sanhemp
- (v) **Fruits & vegetables:** potatoes, onion, tomato, peas, sweet potatoes, cabbage, cauliflower, bhindi, brinjal, other vegetables, mango, grapes, guava, ber, litchi, chiku, citrus fruits and other fruits.
- (vi) **Drugs & Narcotics:** tobacco, medicinal plants
- (vii) **Condiments:** dry chillies, garlic.
- (viii) **Sugarcane:** sugarcane (gur).

The above mentioned crops account for about 89 percent of total cropped area. For remaining crops of other cereals, other oil seeds, other condiments and spices, other fibres, fodder, other miscellaneous food and non-food crops, only area figures are available, but not output.

1.4 All the agricultural commodities including various by-products have been grouped into four categories according to reliability of data, viz. (i) principal crops (ii) minor crops (non-forecast) (iii) miscellaneous and unspecified crops which have not been included in any of two categories mentioned above and (iv) other products and by-products.

i) Principal crops:

The principal crops consist of rice, wheat, jowar, bajra, maize, gram, barley, other kharif pulses, other rabi pulses, groundnut, sesamum, rape and mustard, sunflower, cotton, sanhemp, sugarcane, tobacco, potatoes and dry chillies. The exhaustive district-wise statistics of area and output of all above crops are made available by the State Directorate of Land Records (DLR) in their publication, "Seasons and Crops Report" being published annually. The information regarding quantity of wheat and rice procured by the Government agencies is supplied by the Food & Supplies Department. The information regarding utilization rates/ratios of sugarcane for seeding, chewing/juice making and preparation of khandsari has been supplied by the CSO. The information on the quantity of sugarcane crushed by the mills during each year is available from the Cane Commissioner, Haryana.

(ii) Minor crops:

Ragi, small millets, jute, mangoes, citrus fruits, sweet potatoes, grapes, other fruits. Onion, other vegetables, flowers, toddy and medicinal plants have been included under this category. In case of ragi, small millets and jute, only the area figures are available and these are provided by the DLR. The data regarding area and production of onion are supplied by the DLR. The data regarding area and production of mangoes, citrus fruits, sweet potatoes, grapes, other fruits & other vegetables, flowers and medicinal plants are supplied by the Horticulture Department. The value of output of toddy supplied by the CSO is based on NSS report of 61st round on consumption of some important commodities in India and census data on rural and urban population.

(iii) Miscellaneous and unspecified crops

Other cereals, other oil seeds, other fibres, other dyes and tanning material, other drugs & narcotics, other condiments & spices, fodder, miscellaneous food crops, miscellaneous non-food crops and foreyard & backyard cultivation have been covered under the category of miscellaneous and unspecified crops. In case of other cereals, other oil seeds, other fibres, other dyes and tanning material, other drugs & narcotics, other condiments & spices, miscellaneous food crops and miscellaneous non-food crops, only the area figures are available and these are supplied by the DLR. The area under fodder which also covers the area under guar is obtained from the DLR. But the area under guar for which production of guar seed is available, is subtracted from the total area under fodder. From the remaining area, the production of green fodder has been worked out as 50 MT per hectare for irrigated area and 25 MT per hectare for unirrigated area under the crop. The production of guar seed is evaluated separately by using its prices. The area under the crops in foreyard/backyard of houses has been estimated as 0.21 percent of the net area sown in the state.

(iv) Other products and by-products

This category comprises gur (indigenous production only), cane trash, bagasse, stalks & straw and grass. Out of the total outturn of sugarcane, the quantity of sugarcane left over after allowing for the uses of crushed by mills, seeding, chewing/juice making and preparation of khandsari is assumed to be converted into gur. The production of gur is estimated as 10 percent of the sugarcane left over. The estimates of production of sugarcane bagasse have been prepared by taking 3.5 percent of sugarcane used for gur making. The quantity of sugarcane used for seed purpose has been estimated as 3.16 MT per hectare of area under sugarcane. The estimates of sugarcane used for chewing and khandsari have been worked out as 2.5 percent and 0.12 percent

respectively of sugarcane production.

In case of grass, estimates of production for the year 1960-61 prepared and supplied by the CSO have been projected to other years on the basis of change in combined area under (i) permanent pasture and grazing lands, (ii) miscellaneous tree crops and groves, (iii) culturable waste land, (iv) fallow lands and (v) net area sown during the year by adopting the weights 4, 1, 2, 2 and 1 respectively for combining the area of above five categories.

Agricultural Prices

1.5 The district-wise data on weekly wholesale prices along with the quantity of market arrival of paddy, wheat, jowar, bajra, barley, maize, gram, moong, arhar, mash, massar, peas, groundnut, sarson, toria, taramira, sunflower, sesamum, guar seed, cotton, gur, dry chillies and garlic are collected by the offices of District Statistical Officers (DSOs) from the crop-wise selected primary markets during peak market arrival periods. The prices for the quantity of paddy and wheat procured by the Government agencies are provided by the State Department of Food & Supplies. The prices at which the sugarcane is purchased by the sugar mills for crushing are available from the Cane Commissioner, Haryana. The district-wise wholesale prices of all fruits and vegetables except mushroom during peak market arrival periods are collected and supplied by the offices of DSOs. The prices of mushroom and flowers are available from the State Department of Horticulture. The data on prices of green fodder is obtained from the Farm Accounts Report of the Planning Department. The base year price of medicinal plants is moved to the current year with the WPI of drugs and narcotics.

Value of Agricultural Output

1.6 The district-wise weighted prices of those crops for which the data on weekly wholesale prices along with the arrival in selected primary markets during peak market period is available, has been worked out by adopting the following procedure:-

- (a) The arithmetic average of the wholesale weekly prices prevailing in each selected primary market within a district during peak market period has been calculated to get market/centre-wise prices.
- (b) The weighted average price for a district has been obtained as a weighted average of the centre-wise prices derived at 'a' above, weights being the centre-wise out-turn for sale.

The district prices so arrived at have been used for evaluation of all those crops for which district-wise area and out-turn are available. The quantity of paddy and wheat procured by the Government agencies is evaluated at the procurement price whereas the remaining production is

evaluated at the district price derived at above. In case, out-turn of a certain commodity in the district is negligible and separate price for that district is not available, the price of adjoining district has been used.

In case of fruits, vegetables, flowers and medicinal plants, the data on both production and prices are available for evaluation. The production of green fodder is evaluated at the prices available from the Farm Accounts Reports.

The quantity of sugarcane purchased and value paid by sugar mills is available from Cane Commissioner, Haryana. The sugarcane used for seeding, chewing/juice making and preparation of khandsari has also been evaluated at the average cane price paid by sugar mills.

1.7 In case of those agricultural commodities for which the data either on prices or production or both on prices and production are not available, the deviation in the method of estimation of value of output has been done and the same has been briefed in the following paragraphs:

- (i) **Other Pulses:** On the basis of data given in NSS Report No. 32, the price of other pulses i.e. moth, horsegram and peas has been worked out as 85 percent of the weighted average price per tonne/weighted average value per hectare of arhar, urd, moong, masur and horsegram.
- (ii) **Other Cereals :** The gross value of output of other cereals has been estimated by applying weighted average value per hectare of jowar, bajra, barley, maize and ragi to the area under other cereals.
- (iii) **Other Oilseeds:** The value per hectare of other oil seeds has been assumed as 85 percent of weighted average value per hectare of linseed, sesamum and castor.
- (iv) **Sanhemp:** The price of sanhemp for the year 1993-94 moved to the subsequent years with the wholesale price index of jute, sanhemp and mesta textiles has been used to estimate the value of output.
- (v) **Other Fibers:** The value per hectare of sanhemp less 10 percent has been used to estimate the value of output of other fibers.
- (vi) **Other Condiments and Spices:** The average value per hectare of other condiments and spices has been assumed to be equal to 90 percent of weighted average value per hectare of dry chillies, dry ginger, turmeric and garlic. As there is no production of turmeric and dry ginger in the State, 90 percent of weighted average value per hectare of dry chillies and garlic has been applied for the evaluation of output of other condiments and spices.
- (vii) **Other Fruits and Vegetables:** The weighted average price of all fruits and vegetables for which the separate data is available has been used to evaluate the output of other fruits and vegetables.
- (viii) **Miscellaneous Food and Non-food Crops:** For the evaluation of output of miscellaneous food and non-food crops, the all India estimates of yield per acre

(converted to hectare) as estimated by the National Income Committee (NIC) have been projected to other years with the help of movement of composite wholesale price index of 20 important agricultural commodities.

- (ix) **Other Dying and Tanning Material:** The value of other dying and tanning material is estimated by using the value per hectare of miscellaneous non-food crops.
- (x) **Other Drugs and Narcotics:** The value per hectare of other drugs and narcotics for the year 2004-2005 has been moved to the subsequent years with the value per tonne of tobacco.
- (xi) **Foreyard/Backyard Cultivation:** The output is estimated by using value per hectare of other fruits and vegetables.
- (xii) **Straw and Sticks:** The value per hectare data based on the results of Cost of Cultivation Studies has been used for evaluation of the by-products of paddy, wheat, jowar, bajra, barley, maize, rapeseed and mustard, sunflower, gram, moong, mass, masur, arhar, cotton and sesamum.
- (xiii) **Sugarcane Trash and Bagasse :** The output of Sugarcane Trash and Bagasse is evaluated at the prices based on the results of Cost of Cultivation Studies.
- (xiv) **Grass:** The all India price of grass for 1960-61 and adjusted for the later years on the basis of price movement of wheat straw, has been used for evaluating the estimated output of grass.

Livestock

1.8 For the purpose of estimation of gross value of output, livestock products are divided into 7 sub-groups viz., (i) milk (ii) meat group (iii) dung (iv) wool, hair and bristles (v) eggs (vi) honey and (vii) increment in livestock. The production estimates of main livestock products viz. milk, meat, eggs and wool are based on the results of the Integrated Sample Surveys conducted by the State Animal Husbandry Department on annual basis. In the absence of current direct information on output of various other livestock products, their annual production has been estimated with the help of yield rates obtained from relevant reports and estimated population of different categories of livestock. The main source of information on livestock numbers is quinquennial livestock censuses held in the State. For the inter censal and post-census years, the estimates have been arrived at by using the geometric growth rate observed for each category between the two latest consecutive livestock censuses.

(i) **Milk:** The data regarding milk production of buffaloes, cows and goats in the State is obtained from the State Animal Husbandry Department annually. The State Animal Husbandry Department does not estimate the production of camel milk. So, the production of camel milk has been worked out by applying the yield rate of milk per animal obtained from the CSO to the

total number of animals.

(ii) **Meat Group:** The Meat Group comprises meat (animals & poultry meat), meat products (fats, heads, legs etc.) and meat byproducts comprising hides (cattle and buffalo hides), skin (goat and sheep skin), guts, blood, bones, horns, hoofs etc.

The production of goat meat, sheep meat and pig meat is made available by the State Animal Husbandry Department. The production of poultry meat has been calculated from the number of adult fowls and chickens slaughtered by the formula given below:

Poultry meat = 50 per cent of total adult fowls plus chickens and ducklings killed
Chickens and ducklings killed = Estimated number of chicken and ducklings in the beginning of the year + Chickens survived during the year + 50 per cent of adult fowls - Estimated number of total fowls during the following year

The output of meat products i.e. offal's & glands, fats, head and legs have been estimated by using the number of animals slaughtered and fallen and average yield of meat for different categories of animals. The total number of animals slaughtered is provided by the State Animal Husbandry Department on annual basis. The data regarding number of animals fallen is derived from the livestock population by using the mortality rates supplied by the CSO. The average yield rates of meat products for different types of animals have also been revised as supplied by the CSO.

The production of hides and skins is obtained mostly from (i) animals slaughtered for the production of meat and (ii) animals fallen due to natural death. The value of output of hides and skin from animals slaughtered for production of meat and from animals fallen due to natural death, thus, have been added for estimating the total value of output of hides and skins. The value of other meat by products i.e. guts, blood, bones, horns, hoofs, etc. has been estimated as the percentage of value of meat and meat products. The ratios used for estimating the value of meat by products of different animals have been supplied by the CSO.

(iii) **Dung :** Production of dung has been estimated by using the evacuation rates collected by Indian Agricultural Statistics Research Institute (IASRI) and State Animal Husbandry Department (1966-67). The production of dung, thus estimated, has been divided into two groups (i) Dung used as manure and (ii) Dung used as fuel. The utilisation rates used are based on results of IASRI (1972) report. The quantity of dry dung-cakes has been taken as 40 percent of green dung.

(iv) **Wool, Hair and Bristles :** The production of wool clipped in the State is based on Integrated Sample Survey conducted by State Animal Husbandry Department on annual basis. The total production of wool has been obtained by adding the estimated production of

plucked wool calculated on the basis of data on yield rates per sheep contained in the Marketing Report (Director of Marketing & Inspection, 1964) to the production of wool clipped. The estimates of production of goat hair and camel hair have been prepared on the basis of yield rates provided by National Research Centre (NRC), Bikaner and that of pig bristles on a study conducted by the CSO in Uttar Pradesh.

(v) **Eggs:** The production of hen eggs in the State is based on the results of Integrated Sample Survey conducted by the State Animal Husbandry Department. The State Animal Husbandry Department does not estimate the production of duck eggs. So, the production of duck eggs has been worked out by applying yield rate of eggs per duck obtained from the CSO to the total number of ducks.

(vi) **Honey:** The production and prices of honey in the State are made available by the Khadi and Village Industries Commission (KVIC), Govt. of India.

(vii) **Increment in Livestock:** The annual net increase in the population has been calculated separately for each category of livestock on the basis of the projected population based on Livestock censuses.

Evaluation of Livestock Output

1.9 The gross value of various products has been obtained by evaluating the output of each commodity at the corresponding average annual wholesale price separately for urban and rural area. The wholesale prices of different categories of livestock and livestock products are collected separately for urban and rural area on bi-annual basis by the District Statistical Agencies. For this purpose, one centre in urban area and two centres in rural area have been selected in each district. Wherever the prices are not available or found unsatisfactory, corresponding prices of adjoining district have been used. The wholesale prices of some of the livestock products are not available from the markets. These commodities have been evaluated at the prices available from relevant reports and duly adjusted for subsequent years with the help of relevant indicators.

Inputs

1.10 To arrive at the estimates of gross product from agriculture and livestock, necessary deductions on account of current cost of inputs have been made from the value of output. These consist of (i) cost of seed, (ii) cost of manure, (iii) current repair and maintenance of fixed assets and other operational costs, (iv) cost of livestock feed, (v) irrigation charges, (vi) market charges, (vii) electricity charges, (viii) cost of pesticides and insecticides

and (ix) cost of diesel oil. The detailed methodology and source material for the assessment of input cost have been briefed in the following paragraphs: -

(i) **Cost of Seed:** The quantity of seed used for wheat, jowar, bajra, barley, maize, gram, arhar, mass, moong, masur, sesamum, groundnut, rapeseed & mustard, sugarcane, potato, cotton seed and dry chillies has been estimated on the basis of crop-wise seed rates available from the results of Cost of Cultivation Studies. The quantity of seed used for the above crops, thus estimated, has been evaluated at the State weighted average price. The cost of seed used for paddy, other cereals, condiments & spices, other miscellaneous food crops, other miscellaneous non-food crops, fodder crops, guar seed and other pulses has been estimated on the basis of crop-wise per hectare cost of seed available from the results of Cost of Cultivation Studies.

(ii) **Cost of Manure:** The manure consists of chemical fertilizers and organic manure. The material-wise quantity of chemical fertilizers consumed in the State and their rates are available from the State Agriculture Department. In case of organic manure, the estimates of dung used for manuring purpose as evaluated in livestock sub-sector have been used.

(iii) **Current Repairs and Maintenance of Fixed Assets and Other Operational Costs:** The estimates of expenditure on current repairs and maintenance of fixed assets and other operational costs supplied by the CSO are based on the information available from All India Debt and Investment Survey (AIDIS), 2002-03.

(iv) **Cost of Livestock Feed:** The method broadly comprises the estimation of total cost of up-keep of entire live-stock population. The items considered under feed-cost are:

(i) Roughages

(ii) Concentrates

As regards roughages, the entire value of fodder crops (green and dry) and 95 percent value of stalks and straw have been assumed to contribute towards livestock feed.

The cost of concentrates has been taken as the product of annual consumption cost per animal of different categories of animals and population of these categories. The consumption rate of different categories of animals is available from the results of Cost of Cultivation Studies. The consumption cost per animal for the bench mark year has been moved with WPI of food grains for subsequent years. The population of different categories of animals for different years is available from the livestock census 2003 and the compound growth rate observed between two latest consecutive live stock censuses.

(v) **Irrigation Charges:** - The annual data on irrigation charges payable to Government in lieu of water supplied to producers from Government canals and other means of irrigation have been culled out from the State Budget.

(vi) **Market Charges:-** The market charges for agricultural crops have been taken as 3.22 percent of gross value of output of agriculture proper. This ratio has been supplied by the CSO which is based on the bench mark survey conducted by the Directorate of Economics & Statistics, Ministry of Agriculture, Govt. of India.

(vii) **Electricity Charges:-** The expenditure on electricity used for agricultural purposes is considered as electricity charges. The estimates of electricity charges are based on the information contained in the Annual Reports of Uttar Haryana Bijli Vitran Nigam (UHBVN) and Dakshin Haryana Bijli Vitran Nigam (DHBVN).

(viii) **Cost of Pesticides and Insecticides:-** The estimates of consumption of pesticides and insecticides for agriculture in the State prepared by the CSO are based on the information available from Pesticides Association of India for dispatches and Directorate of Quarantine and Plant Protection for State-wise consumption.

(ix) **Cost of Diesel Oil:-** The cost estimates of consumption of diesel oil per tractor and per diesel engine are supplied by the CSO which are based on the results of Cost of Cultivation Studies. The data regarding total number of tractors and diesel sets in the State is made available by the State Agriculture Department on annual basis.

Gross Value Added

1.11 The estimates of gross value added from this sector (Agriculture proper and Livestock) have been arrived at by deducting the estimated total cost of inputs used in production from the total value of output. Since the operation of Government irrigation system is also an activity to be accounted for in the agriculture sector, the gross value added from such services has been added to obtain the corresponding total for the sector. The GVA from the operation of Government irrigation system has been obtained by the income method as the sum of compensation of employees, interest payments, operating surplus and maintenance provisions (CFC). The details regarding compensation of employees, interest payments and operating surplus are available from the State Government Budget. It is observed that the operating surplus, which is taken to be the excess of current receipts over the current expenditure, is generally found to be negative. Hence, the operating surplus is treated as zero and an equal amount is treated as irrigation subsidy. The information relating to depreciation of Government irrigation system is supplied by the CSO.

Estimates at Constant Prices

1.12 For estimation of value added at constant prices, the double deflation method has been used and both the output of each crop, their by-products and live-stock products as well as cost

TABLE- 18
STATE DOMESTIC PRODUCT FROM AGRICULTURE AND ALLIED ACTIVITIES
(at current prices)

(Rs. Lakh)										
Sr. No.	Items	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
1	Value of output	2748077	2943492	3606875	4177202	4991876	5541660	6441643	7347227	8021130
	1.1 Agriculture	1858543	2014146	2505815	2939532	3527878	3732926	4346717	4906248	5200112
	1.2 Live stock	889534	929346	1101160	1237670	1463998	1808734	2094926	2440979	2821018
2	Less: Inputs	672136	769866	881894	971409	987030	1104394	1311331	1467096	1614462
	2.1 Seed	31439	34962	40605	47558	54087	57825	62651	66463	73316
	2.2 Organic manure	28480	31007	31957	37997	41734	43710	53224	58493	66286
	2.3 Chemical fertilizers	126215	134642	134719	145359	153581	160893	174912	232357	260214
	2.4 Current repairs, maintenance of fixed assets and other operational costs	12970	14604	16160	17363	23553	28034	32778	36182	44012
	2.5 Feed of livestock	274792	338342	410545	462402	457432	542605	601806	736168	797912
	2.6 Irrigation charges	7451	2526	2728	191	239	12438	10889	1214	5447
	2.7 Market charges	59645	64856	80687	94653	113586	120200	130964	157981	167444
	2.8 Electricity	26717	24911	25535	27448	29230	31287	36591	38151	40325
	2.9 Pesticides & insecticides	10221	9034	10190	12058	12185	11582	11888	11967	12624
	2.10 Diesel oil	94026	114982	128368	126382	101391	96020	96649	126100	126682
3	Gross State Domestic Product unadjusted for FISIM	2125190	2205690	2776038	3267616	4073383	4501212	5246894	6002206	6531786
	3.1 Agriculture & allied activities	2075941	2173626	2725081	3205793	4004846	4437266	5130312	5880131	6406068
	3.2 Operation of Govt. irrigation system	49249	32064	50957	61823	68537	63946	116582	122074	125120
4	Less: FISIM	26044	30311	40309	46179	59660	56645	81393	94763	104382
5	Gross State Domestic Product	2097146	2175379	2735729	3219437	4013723	4444567	5165501	5907442	6427406
	Less: consumption of fixed capital	112656	124249	141246	165750	193436	231654	269404	316792	376360
6	Net State Domestic Product	1984488	2051130	2594483	3053687	3820287	4212913	4876097	5590650	6048046

TABLE-19
STATE DOMESTIC PRODUCT FROM AGRICULTURE AND ALLIED ACTIVITIES
(at constant prices)

Sr.No.	Item	(Rs.Lakh)									
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Value of output	2748077	2731088	3061254	3088152	3277285	3250089	3412908	3671145	3636015	
	1.1 Agriculture	1658543	1830974	2042467	2046327	2203877	2134618	2251291	2444053	2343183	
	1.2 Live stock	889534	900114	1018787	1041825	1073408	1115473	1161617	1227092	1292832	
2	Less: Inputs	672136	696822	715915	743308	763728	773829	788058	826571	811056	
	2.1 Seed	31439	31501	32333	33097	33052	32019	32281	33369	33375	
	2.2 Organic manure	28460	28354	28297	28244	28202	28172	28190	28171	28161	
	2.3 Chemical fertilizers	126215	134678	134252	144754	155543	160663	161468	174838	165116	
	2.4 Current repairs, maintenance of fixed assets & other operational costs	12970	14037	14828	15357	19448	21436	23737	26473	29376	
	2.5 Feed of livestock	274792	285913	292524	304271	293607	303727	314640	324775	323202	
	2.6 Irrigation charges	7451	7604	7976	7708	7829	7719	7719	7719	7719	
	2.7 Market charges	59845	58957	65767	65892	70965	68735	72492	78699	75450	
	2.8 Electricity	26717	29407	31496	33634	33704	42307	38070	42242	38002	
	2.9 Pesticides & insecticides	10221	10311	10402	9929	9696	9203	9181	9158	9158	
	2.10 Diesel oil	94026	95859	96040	100422	101681	99648	100280	101127	101497	
3	Gross State Domestic Product unadjusted for FISIM	2125190	2085851	2398057	2395792	2575307	2527279	2675870	2895594	2875978	
	3.1 Agriculture & allied activities	2075941	2034266	2345339	2344844	2523557	2476260	2624851	2844575	2824959	
	3.2 Operation of Govt. irrigation system	49249	51585	52718	50948	51750	51019	51019	51019	51019	
4	Less: FISIM	28044	32589	43718	48213	54129	50163	66718	75644	79628	
5	Gross State Domestic Product Less: consumption of fixed capital	2097146	2053262	2354339	2347579	2521178	2477116	2609154	2819950	2797360	
6	Net State Domestic Product	1984488	1934033	2226764	2205804	2367764	2311190	2418900	2624365	2680701	

TABLE-20
VALUE OF OUTPUT FROM AGRICULTURE
(at current prices)

		(Rs. Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Cereals	1006625	1089631	1395949	1714895	2166655	2175691	2386254	2669334	2733921	
	1.1 Paddy	377759	401658	455122	603491	842605	920059	913093	843983	1109768	
	1.2 Wheat	585117	638155	853493	1024259	1225997	1155199	1356305	1685792	1503704	
	1.3 Jowar	1703	1895	2320	3535	4075	4099	4528	4447	4419	
	1.4 Bais	36877	40532	64847	70590	77705	82200	97298	113946	93671	
	1.5 Barley	3062	5186	5126	10515	14134	11945	13179	17951	19209	
	1.6 Maize	2107	2206	2041	2505	1938	2189	1851	3215	3150	
	1.7 Other Cereals	0	19	0	0	0	0	0	0	0	
2	Pulses	19633	20309	27804	22071	44311	25328	39950	38798	28009	
	2.1 Gram	13003	13814	18426	12154	29870	13367	24272	26506	18578	
	2.2 Tur (Arhar)	4223	3506	5341	6339	9360	5769	7109	5884	5267	
	2.3 Urd	103	150	221	342	352	605	280	371	416	
	2.4 Moong	1241	1735	2602	2563	2638	3128	5046	3312	1675	
	2.5 Masoor	786	645	692	588	1454	1859	1650	1742	1264	
	2.6 Other pulses	297	459	322	85	597	600	1593	883	589	
3	Oil seeds	136692	136235	138272	137150	202195	192029	231355	258558	305171	
	3.1 Sesamum	358	302	409	350	737	749	889	456	406	
	3.2 Ground nut	261	500	226	191	309	372	580	603	1259	
	3.3 Rape seed and Mustard	134743	130399	134671	132513	196579	188237	227781	256060	300692	
	3.4 Other oil seeds	1330	3944	2086	4098	2570	3671	2105	1430	2814	
4	Sugarcane	90690	104817	120584	108349	82707	140073	134636	159588	201297	
5	Fibres	201961	147263	179864	231144	243957	296566	420471	576925	503775	
	5.1 Kaps	201898	147188	179737	230049	243890	296470	420380	576738	503775	
	5.2 Sanhemp	11	13	25	13	14	0	0	0	0	
	5.3 Other Fibres	54	62	101	182	53	96	91	187	0	
6	Dyes & tanning material	182	175	171	207	845	741	711	1034	560	
7	Drugs and narcotics	1499	856	1858	1556	2469	2168	2137	632	3852	
	7.1 Tobacco	0	0	0	0	0	0	0	0	0	
	7.2 Medicinal plants	692	448	509	166	509	293	36	353	804	
	7.3 Other drugs & narcotics	807	408	1349	1390	1960	1865	2101	279	3048	
8	Condiments and spices	1923	1378	1439	7382	7799	3071	8105	3992	5443	
	8.1 Dry chillies	520	445	473	5556	6044	677	5436	2649	4019	
	8.2 Other condiments and spices	1403	933	966	1724	1755	2394	2669	1343	1424	
9	Fruits & vegetables	146500	171967	218253	235485	302767	342657	421337	489162	591066	
	9.1 Potato	5283	11211	10710	6828	9976	6498	13630	12335	19215	
	9.2 Onion	2876	3575	2672	2532	2185	1709	2459	1888	6053	
	9.3 Mango	7989	9287	8024	10582	13264	14544	16821	19505	22360	
	9.4 Other Fruits & Vegetables	130350	147894	198847	215563	277360	319906	388427	455434	543458	
10	Foreyard/Backyard farming	4301	4435	4844	5462	5967	6964	7066	8143	9340	
11	Floriculture	15966	8260	16112	20860	20180	25616	27686	31131	35895	
12	Other miscellaneous crops	95123	145226	183851	221873	216121	237117	291925	276039	353656	
13	By products	135478	184594	216814	233098	232105	282015	375084	392912	428108	
14	Value of Output from Agriculture	1858543	2014146	2505815	2939532	3527878	3732926	4346717	4966248	5200112	

TABLE-21
VALUE OF OUTPUT FROM AGRICULTURE
(at constant prices)

Sr.No.	Item	(Rs. Lakh)									
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Cereals	1006625	1010199	1136020	1189411	1276115	1238445	1305662	1432302	1308248	
1.1	Paddy	377759	393425	423771	437393	470075	497278	484091	510034	534900	
1.2	Wheat	585117	573489	651738	663092	737510	681130	751878	851536	721482	
1.3	Jowar	1703	1737	1822	2785	3012	2700	2611	2275	1874	
1.4	Bajra	36877	35339	50975	57875	54488	48763	59271	59001	39848	
1.5	Barley	3082	4230	6090	6263	9678	7146	6769	7798	8729	
1.6	Maize	2107	1952	1624	2023	1374	1428	1042	1658	1415	
1.7	Other cereals	0	17	0	0	0	0	0	0	0	
2	Pulses	19633	16455	19964	14679	26892	14302	22892	15677	11193	
2.1	Gram	13003	10285	12859	7723	18443	8886	15725	10445	7580	
2.2	Tur(Arhar)	4223	3405	4210	4301	3066	3045	3375	2592	1983	
2.3	Urd	103	132	192	206	147	162	74	103	118	
2.4	Moong	1241	1570	1898	1900	1315	1342	2431	1625	856	
2.5	Masoor	766	836	570	424	586	587	538	654	424	
2.6	Other pulses	297	427	235	65	335	310	849	358	232	
3	Oil seeds	136692	136109	136217	101368	149750	141663	158858	124270	169864	
3.1	Sesamum	358	417	307	298	387	359	417	209	179	
3.2	Ground nut	261	429	230	175	190	220	329	293	428	
3.3	Rape seed and mustard	134743	130347	132308	98312	147250	139330	156862	123044	157874	
3.4	Other oil seeds	1330	3916	2292	2563	1923	1755	1250	724	1383	
4	Sugarcane	90690	91715	107934	97573	57341	62988	67039	77573	63529	
5	Fibres	201961	147111	177050	184890	183446	189411	171852	267387	233248	
5.1	Kapas	201898	147045	176939	184719	183392	189350	171801	257288	233248	
5.3	Sanhemp	11	11	23	11	11	0	0	0	0	
5.4	Other Fibres	54	55	88	160	43	61	51	99	0	
6	Dyes & tanning material	162	162	135	153	411	408	349	467	236	
7	Drugs and narcotics	1499	835	1707	1240	1622	1285	1021	420	1787	
7.1	Tobacco	0	0	0	0	0	0	0	0	0	
7.2	Medicinal plants	692	431	465	141	424	242	29	274	601	
7.2	Other drugs & Narcotics	807	404	1242	1099	1198	1043	992	146	1186	
8	Condiments and spices	1923	1823	1669	8706	7255	3074	6131	3506	4229	
8.1	Dry chillies	520	483	446	5123	5382	520	3972	1930	2970	
8.2	Other condiments	1403	1340	1223	1583	1873	2554	2159	1576	1259	
9	Fruits and vegetables	146500	154495	174830	166889	192750	202574	231932	255311	265715	
9.1	Potato	5283	6257	6207	3431	4930	3093	5390	5043	5891	
9.2	Onion	2878	3340	2230	2409	1550	1516	1750	984	1979	
9.3	Mango	7989	9105	7080	8951	9633	9685	10921	11603	11925	
9.4	Other fruits & Vegetables	130350	135757	159313	152098	176837	185280	213871	237681	245920	
10	Foreyard/Backyard Farming	4301	4347	4334	4381	4359	4328	4289	4282	4282	
11	Floriculture	15956	8259	18107	17808	15806	17798	18447	19313	19042	
12	Other miscellaneous crops	96123	123473	128474	139297	147700	119465	119914	109920	112357	
13	By products	136478	136991	139026	141932	141430	140877	142805	143625	139463	
14	Value of output from Agriculture	1858543	1830974	2042487	2046327	2203877	2134816	2251291	2444053	2343183	

TABLE-22
VALUE OF OUTPUT FROM LIVESTOCK
(at current prices)

(Rs. Lakh)

Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
1	Milk group	746323	778010	817529	909285	1068386	1383137	1603209	1879459	2183693
	1.1 Cow milk	94390	96655	101992	112485	144796	170531	204839	233438	263694
	1.2 Buffalo milk	640492	668194	704275	785914	909798	1196700	1390105	1626089	1896259
	1.3 Goat milk	4700	4651	4797	4508	6722	6278	10795	12868	16454
	1.4 Camie milk	6741	6500	5485	6378	7070	7628	7470	7067	7286
2	Meat group	60003	67128	158817	183525	242038	249763	274554	313108	355514
	2.1 Meat	55860	62970	153965	178195	238948	242463	265603	302359	342336
	2.1.1 Goat meat	3807	3203	3515	4902	5701	7121	9540	12270	14557
	2.1.2 Sheep meat	2265	1980	2325	2730	3185	4186	5049	6607	7851
	2.1.3 Pig meat	959	720	864	1804	2027	2650	3633	4451	5342
	2.1.4 Poultry meat	48829	57088	147221	168759	225035	228504	247381	279031	314586
	2.2 Meat products	594	525	598	795	909	1110	1455	1748	2042
	2.3 Meat by-products	3549	3624	4254	4635	5181	6190	7496	9003	11136
	2.3.1 Hides	2686	2850	3347	3440	3771	4390	5206	6223	7737
	2.3.2 Skins	615	503	696	746	1013	1296	1631	1949	2413
	2.3.3 Other by-products	248	271	241	347	397	504	659	831	986
3	Eggs	18338	19406	56118	64432	63236	77799	98576	116125	131216
4	Wool and hair	3101	1544	1562	1633	2026	2679	3020	3908	5188
	4.1 Wool	2946	1367	1376	1427	1781	2360	2468	3313	4511
	4.2 Hair & bristles	155	177	186	206	245	319	522	595	677
5	Honey	1100	1200	1900	2700	4800	4807	4008	2940	2940
6	Dung	60554	63433	64813	73748	78911	83867	102581	112745	122211
	6.1 Dung fuel	32094	32426	32896	35751	37177	40157	46357	54252	55925
	6.2 Dung manure	28460	31007	31917	37997	41734	43710	53224	58493	66286
7	Increment in stock	115	625	1421	2347	4602	6682	8978	12694	20258
8	Value of output from livestock	689534	829346	1101160	1237670	1463996	1808734	2094926	2440978	2821018

TABLE-23
VALUE OF OUTPUT FROM LIVESTOCK
(at constant prices)

		(Rs. Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Milk group	746323	757788	766683	777993	818768	855885	893145	948620	1003438	
	1.1 Cow milk	54390	93938	95522	88104	112415	114267	119530	123488	126410	
	1.2 Buffalo milk	640492	852883	660758	670347	695314	730321	782666	813959	865645	
	1.3 Goat milk	4700	4588	4390	4076	5755	8358	6394	6887	7365	
	1.4 Camel milk	6741	6377	6013	5486	5284	4919	4555	4286	4018	
2	Meat group	60003	59747	138022	145724	136994	139989	147038	153449	159044	
	2.1 Meat	55860	55863	134079	141831	132843	135702	142688	148963	154478	
	2.1.1 Goat meat	3807	3130	3235	3607	3675	4112	4760	5016	5270	
	2.1.2 Sheep meat	2265	1943	2056	2114	2266	2544	2766	2912	3057	
	2.1.3 Pig meat	959	673	746	1290	1422	1654	1672	1978	2088	
	2.1.4 Poultry meat	48829	50117	128042	134820	125460	127392	133210	139047	144063	
	2.2 Meat products	594	501	525	605	633	686	736	760	786	
	2.3 Meat by-products	3549	3383	3418	3488	3518	3601	3694	3736	3760	
	2.3.1 Hides	2688	2677	2670	2683	2657	2652	2648	2644	2641	
	2.3.2 Skins	615	503	534	569	590	645	706	735	765	
	2.3.3 Other by-products	246	203	214	256	271	304	340	357	374	
3	Eggs	18338	18737	48894	51301	47618	48231	49921	52228	54601	
4	Wool and hair	3101	1494	1479	1486	1583	1646	1697	1757	1992	
	4.1 Wool	2946	1335	1316	1318	1410	1468	1513	1567	1786	
	4.2 Hair & bristles	155	159	163	168	173	178	184	190	196	
5	Honey	1100	1200	1900	2700	4800	4807	3210	2355	2355	
6	Dung	60554	60367	60246	60133	60044	59980	59972	59932	59910	
	6.1 Dung fuel	32094	32013	31949	31889	31842	31808	31762	31761	31750	
	6.2 Dung manure	28460	28354	28297	28244	28202	28172	28190	28171	28160	
7	Increment in stock	115	783	1563	2488	3801	4955	8634	8750	11482	
8	Value of output from livestock	889534	900114	1018787	1041825	1073408	1115473	1161617	1227091	1292832	

CHAPTER- II

FORESTRY AND LOGGING

Coverage

2.1 The economic activities considered in this sector include:

- (i) Forestry (e.g. planting & conservation of forests, gathering of forest products, charcoal burning carried out in the forests and the like)
- (ii) Logging (e.g. felling and rough cutting of trees, hewing or rough shaping of poles, blocks, etc. and transportation of forest products to the sale depots/assembly centers)
- (iii) Farmyard wood (industrial wood & fuel wood collected by the primary producers from trees outside regular forests).

The forest products are classified into two broad groups, viz. (a) major products comprising industrial wood (timber, round wood, match and pulp wood) and fuel wood (fire wood and charcoal wood) and (b) minor products, comprising a large number of heterogeneous items such as bamboo, sandal wood, charcoal, lac, fodder, honey, resin, gum, tendu leaves etc.

Methodology and Source Material

Estimates at Current Prices

2.2 The estimates of State Domestic Product from this sector have been prepared by following the production approach. The major source of forest statistics is the Principal Chief Conservator of Forests, Forest Department, Haryana and the CSO.

2.3 The data regarding value of output of industrial wood obtained from forest sources is provided by the State Forest Department. This data provided by the State Forest Department is for the recorded production and the considerable quantity of industrial wood escapes official recording. As suggested by the CSO, an allowance of 10 per cent of the recorded production of industrial wood has been made to cover the unrecorded production and unauthorized removal. The data regarding the value of output of industrial wood obtained from social forests and trees outside forests (TOF) is provided by the CSO.

2.4 The value of output of minor forest products has been estimated as 10 times of the revenue collected from minor forest products. In addition, output of fodder from forest sources is also included under minor forest products. As suggested by the CSO, 0.02 percent of the value of roughages (sticks/straw of agricultural crops, fodder and grass) is taken as the value of output of fodder from forest sources.

2.5 As the reliable estimates on production of fuel wood are not available, the output of fuel wood has been estimated through the consumption approach. The estimated production of fuel wood is based on three components, namely:

- (i) Household fuel wood consumption
- (ii) Agricultural by-products used as fuel
- (iii) Fuel wood consumed by industries and on funerals

The State-wise data on per head quantity of fuel wood (firewood and chips) consumed for 30 days separately for rural and urban area is available from the NSS, 61st Round (2004-2005), Consumer Expenditure Survey. To arrive at the total quantity of fuel wood consumed during the year 2004-2005, the projected census population for rural and urban areas has been used. Similarly, the data on per head quantity of fuel wood consumed for 30 days separately for rural and urban area is available from the NSS, 55th Round (1999-2000), Consumer Expenditure Survey. The per head quantity of fuel wood consumed for 30 days during the year 2004-2005 has been projected to the subsequent years by using the compound growth rate observed between per head consumption of fuel wood based on 1999-2000 and 2004-2005 survey results. The total quantity of fuel wood consumed during the subsequent years is estimated by using the per head consumption (quantity) and population projected for those years. The total quantity of fuel wood consumed during different years as worked above is evaluated at the prices supplied by the State Forest department.

From the total value of fuel wood consumption, the value of output of agricultural by-products namely arhar sticks, cotton sticks, jute sticks and sugarcane bagasse is subtracted to avoid the duplication as the value of output of these by-products is also accounted for in agriculture sector.

2.6 As suggested by the CSO, the value of fuel wood consumed in industry and on funerals has been estimated as 6 percent of the value of fuel wood consumption of the households adjusted for the agricultural by-products.

2.7 To arrive at the estimates of gross product, deductions have been made for the expenditure incurred on repairs, maintenance and other operational costs. As suggested by the CSO, expenditure on repairs, maintenance and other operational costs has been taken as 15.6 percent of the total value of output.

Estimates at Constant Prices

2.8 In case of industrial wood, fuel wood & fodder for which information on physical output is available, the constant prices estimates of value of output have been obtained by evaluating the output at the base year (2004-2005) prices. In case of minor products worked out from

revenue collected from minor forest product, the value of output at current prices has been deflated with the help of specially prepared index of wholesale prices of major products, which is given as under:

Item	Industrial Wood	Fuel Wood
Wholesale price in current year	P11	P12
Wholesale price in 2004-05	P01	P02
Out-turn during current year	Q1	Q2
Index number of implicit prices of major forest products for current year with 2004-05 as base	$\frac{Q1 \cdot P11 + Q2 \cdot P12}{Q1 \cdot P01 + Q2 \cdot P02}$	

The same proportion of expenditure on repairs, maintenance and other operational costs to the total value of output as for estimates of current prices have been used to obtain the corresponding estimates of gross product. The estimates of CFC supplied by the CSO are deducted to arrive at the net product.

The detailed estimates of SDP from Forestry and Logging Sector for the years 2004-05 to 2012-13 at both current and constant prices have been given in Tables 24 and 25.

TABLE-24
STATE DOMESTIC PRODUCT FROM FORESTRY AND LOGGING
 (at current prices)

		(Rs. Lakh)								
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
1	Value of output	123164	133614	192453	251524	259034	318434	361163	376726	443216
2	Less: repairs, maintenance & other operational costs	19214	20544	30023	39238	40400	49676	56341	58769	69142
3	Gross State Domestic Product	103950	112771	162430	212286	218624	268758	304822	317957	374074
4	Less: consumption of fixed capital	1356	1586	1989	1765	3060	3722	3627	3785	4234
5	Net State Domestic Product	102594	111185	160441	210521	215555	265036	301195	314172	369840

TABLE-25
STATE DOMESTIC PRODUCT FROM FORESTRY AND LOGGING
 (at constant prices)

		(Rs. Lakh)								
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
1	Value of output	123164	125898	129631	133545	136780	139645	143155	146267	150720
2	Less: repairs, maintenance & other operational costs	19214	19640	20222	20633	21336	21785	22332	22618	23512
3	Gross State Domestic Product	103950	106258	109409	112712	115442	117861	120823	123449	127208
4	Less: consumption of fixed capital	1356	1524	1789	1492	2383	2577	2287	2209	2258
5	Net State Domestic Product	102594	104734	107620	111220	113059	115284	118536	121240	124950

CHAPTER -III

FISHING

Coverage

3.1 The activities covered in the fishing sector are :

- (i) Commercial fishing in (a) ocean, coastal and offshore waters & (b) inland waters , that include catching, tackling and gathering of fish from rivers, irrigation and other canals, lakes, tanks, fields in undated tracts etc.
- (ii) Subsistence fishing in land waters and artificial ponds.
- (iii) Gathering of sea weeds, sea shells , pearls, sponges and other ocean and coastal water products .
- (iv) Fish curing viz., salting and sun drying of fish.
- (v) Production of prawn

Methodology and Source Material

Estimates at Current Prices

3.2 The estimates of SDP have been prepared by following the production approach. The data on production and average wholesale prices of inland fish and prawn obtained from the State Fisheries Department have been used. As the production estimates are inclusive of subsistence fishing, no adjustment has been made on that account.

3.3 To arrive at gross product, deduction on account of repairs, maintenance and other operational costs has been made. In the absence of any data regarding repairs, maintenance and other operational costs, it is assumed as 10 percent of the value of output in case of inland fish and 22.5 percent of value of output of prawn as suggested by the CSO.

Estimates at Constant Prices

3.4 For estimation of the value of output at constant prices, production of fish for each year has been valued at 2004-2005 prices. The same proportion of expenditure on repairs, maintenance and other operational costs as for estimates of current prices has been used to obtain corresponding estimates of gross value added.

3.5 The estimates of CFC supplied by the CSO are deducted to arrive at net product.

The detailed estimates of SDP from Fishing Sector for the years 2004-2005 to 2012-13 both at current and constant prices have been given in Tables 26 and 27.

TABLE-26
STATE DOMESTIC PRODUCT FROM FISHING

		(Rs. Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Value of output	12683	14473	18057	21548	34331	39659	75160	95400	111480	
	i) Inland fish	12615	14460	18024	21516	34328	39659	75160	95400	111480	
	ii) Prawn	68	13	33	32	3	0	0	0	0	
2	Less repairs, maintenance and other operational costs	1277	1449	1810	2159	3433	3966	7516	9540	11148	
	i) Inland fish - 10%	1262	1446	1802	2152	3433	3966	7516	9540	11148	
	ii) Prawn - 22.5%	15	3	7	7	1	0	0	0	0	
3	Gross State Domestic Product	11406	13024	16247	19389	30898	35693	67644	85860	100332	
4	Less consumption of fixed capital	1436	1586	2032	2588	4339	5363	9954	13811	15305	
5	Net State Domestic Product	9970	11438	14215	16801	26559	30330	57690	72249	85027	

TABLE- 27
STATE DOMESTIC PRODUCT FROM FISHING
(at constant prices)

		(Rs. Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Value of output	12683	14473	18056	20202	22888	26439	28186	31800	33444	
	i) Inland fish	12615	14460	18024	20170.8	22885.5	25439	28186	31800	33444	
	ii) Prawn	68	13	32	31	3	0	0	0	0	
2	Less repairs, maintenance and other operational costs	1277	1449	1810	2024	2289	2644	2819	3180	3344	
	i) Inland fish - 10%	1262	1446	1802	2017	2289	2644	2819	3180	3344	
	ii) Prawn - 22.5%	15	3	7	7	1	0	0	0	0	
3	Gross State Domestic Product	11406	13024	16246	18178	20599	23795	25367	28620	30100	
4	Less consumption of fixed capital	1436	1536	1916	2321	3610	4296	7610	9599	10159	
5	Net State Domestic Product	9970	11488	14330	15857	16989	19499	17757	19021	19941	

MINING AND QUARRYING**Coverage**

4.1 The economic activities covered under this sector comprise extraction of minerals which occur in nature as solids, liquids or gases, under-ground and surface mines, quarries and oil wells, with all supplementary operations for dressing and beneficiating ores and other crude minerals such as crushing, screening, washing, cleaning, grading, milling, floatation, melting, palletizing, topping and other preparations needed to render the material marketable. All these activities are covered to the extent they are carried on at the mine site. The production of 'rock salt' is included but production of salt obtained by way of evaporation of water from sea, lakes, etc. is excluded from the purview of this sector. Similarly, the expenditure incurred on preparing mining sites, prospecting and boring activities is not included under this sector.

Methodology and Source Material**Estimates at Current Prices**

4.2 The estimates of state domestic product from this sector have been prepared by the production approach. Accordingly, the gross value of production has been estimated first and then deductions have been made for the inputs used in the production activity.

4.3 The data on quantity and value of major minerals is obtained from the Indian Bureau of Mines (IBM). As regards the value of output of minor minerals, it is obtained from the State Mines & Geology Department.

4.4 The estimates of GSDP at current prices have been obtained by deducting the value of inputs and FISIM from the total value of output. The value of inputs in respect of all major minerals is worked out on the basis of mineral-wise deductible rates as supplied by the IBM for each State separately. For minor minerals, the deductible rates of inputs supplied by the CSO are used to work out the value of inputs.

Estimates at Constant Prices

4.5 The value of output of major minerals at 2004-2005 prices has been derived by evaluating the quantity of each major mineral at the corresponding pithead price of 2004-2005. In case of minor minerals, which are reported in value terms only, the all India ratio of value of output of minor minerals at constant to current prices is used to obtain the value of output at constant (2004-2005) prices. The adjustment for value of inputs and FISIM is done to arrive at GSDP at constant prices.

4.6 The estimates of CFC are deducted from GSDP to arrive at NSDP.

The detailed estimates of SDP from Mining and Quarrying sector for the years 2004-2005 to 2012-13 at both current and constant prices have been given in Tables 28 and 29.

TABLE-26
STATE DOMESTIC PRODUCT FROM MINING AND QUARRYING
(at current prices)

		(Rs. Lakh)								
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
1	Value of output	22205	40839	42762	45941	48309	24847	10686	11915	9658
	1.1 Major minerals (metallic)	0	0	0	0	0	0	0	0	0
	1.1.1 Iron ore	0	0	0	0	0	0	0	0	0
	1.2 Major minerals(non-metallic)	2	0	0	0	0	0	0	0	0
	1.2.1 Lime stone	0	0	0	0	0	0	0	0	0
	1.2.2 Lime kankar	0	0	0	0	0	0	0	0	0
	1.2.3 Silica sand	0	0	0	0	0	0	0	0	0
	1.2.4 Slate	0	0	0	0	0	0	0	0	0
	1.2.5 Kaolin	0	0	0	0	0	0	0	0	0
	1.2.6 Others	2	0	0	0	0	0	0	0	0
	1.3 Minor minerals	22203	40839	42762	45941	48309	24847	10686	11915	9658
2	Less: Inputs	2465	4533	4747	5099	7826	3297	1731	1735	1406
	2.1 Major minerals	0	0	0	0	0	0	0	0	0
	2.2 Minor minerals	2465	4533	4747	5099	7826	3297	1731	1735	1406
3	Gross State Domestic Product unadjusted for FISIM	19740	36306	38015	40842	40483	21550	8955	10180	8252
	3.1 Major Minerals	2	0	0	0	0	0	0	0	0
	3.2 Minor Minerals	19738	36306	38015	40842	40483	21550	8955	10180	8252
4	Less: FISIM	260	499	552	602	593	271	139	181	132
5	Gross State Domestic Product	19480	35807	37463	40240	39890	21279	8816	10019	8120
6	Less: consumption of fixed capital	3360	6642	7061	7602	8078	5072	1750	1977	1960
7	Net State Domestic Product	16120	29165	30402	32638	31812	16207	7066	8042	6160

TABLE- 29
STATE DOMESTIC PRODUCT FROM MINING AND QUARRYING
(at constant prices)

		(Rs. Lakh)								
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
1	Value of output	22205	40994	39268	40842	40005	19470	8374	9337	7568
	1.1 Major minerals (metallic)	0	0	0	0	0	0	0	0	0
	1.1.1 Iron ore	0	0	0	0	0	0	0	0	0
	1.2 Major minerals (non-metallic)	2	0	0	0	0	0	0	0	0
	1.2.1 Lime stone	0	0	0	0	0	0	0	0	0
	1.2.2 Lime kankar	0	0	0	0	0	0	0	0	0
	1.2.3 Silica sand	0	0	0	0	0	0	0	0	0
	1.2.4 Slate	0	0	0	0	0	0	0	0	0
	1.2.5 Kaolin	0	0	0	0	0	0	0	0	0
	1.2.6 Others	2	0	0	0	0	0	0	0	0
	1.3 Minor minerals	22203	40994	39268	40842	40005	19470	8374	9337	7568
2	Less: Inputs	2465	4550	4358	4534	6481	2584	1357	1360	1102
	2.1 Major minerals	0	0	0	0	0	0	0	0	0
	2.2 Minor minerals	2465	4550	4358	4534	6481	2584	1357	1360	1102
3	Gross State Domestic Product unadjusted for FISIM	19740	36444	34910	36308	33524	16886	7017	7977	6466
	3.1 Major minerals	2	0	0	0	0	0	0	0	0
	3.2 Minor minerals	19738	36444	34910	36308	33524	16886	7017	7977	6466
4	Less: FISIM	260	569	636	731	705	335	175	208	177
5	Gross State Domestic Product	19480	35875	34274	35577	32819	16551	6842	7769	6289
6	Less: consumption of fixed capital	3360	6378	6478	6706	6731	4023	1305	1390	1306
7	Net State Domestic Product	16120	29497	27796	28871	26088	12528	5537	6379	4983

CHAPTER -V

REGISTERED MANUFACTURING

Coverage

5.1 The registered manufacturing sector covers all organised manufacturing and processing establishments which are registered under Section 2m (i) and 2m (ii) of the Indian Factories Act, 1948 which respectively refers to the factories employing 10 or more workers using power and those employing 20 or more workers but not using power on any day of the preceding 12 months and bidi and cigar establishments registered under Bidi and Cigar Workers (condition of employment) Act, 1966 and employing 10 or more workers using power or 20 or more workers not using power. The establishments not engaged in manufacturing activities, such as, those providing water and sanitary services, recreational and cultural services; personal services etc. though registered under Indian Factories Act, have been excluded from the scope of manufacturing sector and covered under services sector. The establishments engaged in generation, transmission and distribution of electricity are also not covered under registered manufacturing. Similarly, operation of cold storages though classified under manufacturing, are not covered here but included under storage. The railway workshops, currency coinage & mints, ordinance factories and other manufacturing establishments of public sector, are covered under this sector. Further, output of liquefied petroleum gas (LPG) has also been included under this sector as the production of LPG is essentially a manufacturing activity. However, distribution of LPG in cylinders, which is a trading activity, is covered under trade sector.

Methodology and Source Material

Estimates at Current Prices

5.2 The estimates of Gross Domestic Product i.e. gross value added from this sector have been worked out using production approach. Accordingly, from the value of output (comprising value of products and by-products manufactured, value of work done for customers, value of adjustments in stock and sale value of goods sold in the same condition as purchased), deductions have been made on account of inputs i.e. cost of (i) basic raw materials used in production, (ii) fuel and electricity consumed and (iii) services purchased from outside.

5.3 The National Sample Survey Organization (NSSO) carries out annually a survey of industries known as Annual Survey of Industries (ASI). This survey provides data regarding output, input, depreciation, value added, employment, capital expenditure, etc. separately or census and sample sectors. Gross Domestic Product by manufacturing has been estimated by

tabulating essential characteristics of ASI returns made available by the concerned NSSO office responsible for collection of data. The estimates of gross product from ASI are duly adjusted for non-response units. However, it was observed that the activity pertaining to repair of locomotives and other railroad equipments (NIC-98, code 352) is not captured under ASI. This activity is entirely undertaken by Railways and the exact information on output, inputs etc. is readily available in budget documents of Railways. Therefore, in the new series, gross product from this activity has been estimated using the information available in the budget documents of Railways and not from ASI.

Estimates at Constant Prices

5.4 The estimates of gross product at constant prices have been obtained by projecting industrial group-wise base year (2004-2005) estimates of gross product with the index of industrial production of the corresponding group being prepared annually at the State level.

5.5 From the gross product so obtained, adjustment for FISIM has been done. To arrive at the net product, estimates of CFC as supplied by the CSO are deducted from the gross product.

The detailed estimates of SDP from Registered Manufacturing Sector for the years 2004-2005 to 2012-13 both at current and constant prices have been given in Tables 30 and 31.

TABLE - 30
STATE DOMESTIC PRODUCT FROM MANUFACTURING-REGISTERED
(at current prices)

Sr.No.	Item	(Rs. Lakh)									
		NIC-98	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	
1	Manufacture of food products and beverages	15	80558	95103	124980	151407	229043	209422	311622	368642	400018
2	Mfg. of tobacco products	16	843	1125	1780	2202	1441	775	1422	2646	3105
3	Manufacture of textiles	17	61029	100134	79415	142375	107043	88837	104550	157563	171907
4	Manufacture of wearing apparel, dressing & dyeing of fur, tanning & dressing of leather, manufacture of luggage, handbags, etc.	18+19	81581	118361	133642	170999	224531	248678	211945	293889	320643
5	Mfg. of wood and products of wood except furniture	20	4719	4258	1943	6701	11304	14080	18097	12308	13428
6	Mfg. of paper and paper products, publishing, printing etc.	21+22	18789	22210	32615	22655	37728	41062	40459	51980	56712
7	Coke, refined petroleum products, nuclear, rubber & plastic products	23+25	47450	24782	30469	26226	41089	50100	79732	87383	95349
8	Mfg. of chemical and chemical products	24	55656	42876	90659	96336	154237	189607	152212	139243	151919
9	Mfg. of other non-metallic mineral products	26	22280	25502	24932	30311	39720	62185	63684	71377	77675
10	Mfg. of basic iron and steel and non-ferrous metals	27	166223	111890	127912	145763	49612	147479	135313	185108	202055
11	Mfg. of fabricated metal products, machinery & equipment n.e.c.	28+29 30	132949	196004	169079	196324	330592	328723	662893	563063	614321
12	Elect. Machinery and apparatus n.e.c. + radio, TV & comm. Equip.	31+32	45642	65194	119381	59197	77694	272058	105662	229326	250203
13	Manufacture of furniture and medical, precision & optical instruments, etc.	33+36	49399	24653	27580	39324	29506	42733	57910	45618	49770
14	Motor vehicles, trailers and semi-trailers & other transport equip	34+35	617429	738264	813879	914529	1071723	1505133	1717312	1717312	1873048
15	Recycling of metal waste and scrap + non-metal scrap	37	0	0	0	0	0	0	0	0	0
16	Repair - Railway - Defence		26851	25811	27070	38014	7946	28358	58837	34807	34685
17	Gross State Domestic Product unadjusted for FISIM		1411583	1594167	1796436	2042383	2413412	3248284	3722660	3968483	4315661
18	Less: FISIM		18627	21907	26070	30113	35348	40640	57749	62498	68966
19	Gross State Domestic Product		1392961	1672260	1793366	2012269	2378064	3204444	3664901	3895985	4246695
20	Less: consumption of fixed capital		290734	315479	377679	401647	580354	560405	732922	732279	750669
21	Net State Domestic Product		1102227	1256781	1391487	1620603	1797710	2624039	2931979	3163682	3490016

TABLE - 31
STATE DOMESTIC PRODUCT FROM MANUFACTURING-REGISTERED
(at constant prices)

Sr.No.	Item	[Rs. Lakh]									
		NIC-98	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	
1	Manufacture of food products and beverages	15	80558	81323	83207	87148	83616	80648	87878	94975	101415
2	Mfg. of tobacco products	16	843	982	1141	1245	1266	1565	1713	1491	1504
3	Manufacture of textiles	17	61029	63161	63801	70082	69466	69777	72673	61778	55189
4	Manufacture of wearing apparel, dressing & dyeing of fur, tanning & dressing of leather, manufacture of luggage, handbags, etc.	18+19	81591	98507	108847	120983	132003	137870	144213	145061	159599
5	Mfg. of wood and products of wood except furniture	20	4719	4902	5131	5044	3013	5013	5013	5925	6285
6	Mfg. of paper and paper products, publishing, printing etc.	21+22	16799	19781	21915	21978	21903	22063	21300	24603	25982
7	Coke, refined petroleum products, nuclear, rubber & plastic products	23+25	47450	43939	42914	44580	45638	49297	56486	48940	55296
8	Mfg. of chemical and chemical products	24	55656	53966	61015	68605	71560	84160	92298	92471	94435
9	Mfg. of other non-metallic mineral products	26	22280	23637	26369	30071	30202	30763	31611	34250	37815
10	Mfg. of basic iron and steel and non-ferrous metals	27	168223	172016	178050	196786	192017	202523	210697	241227	300508
11	Mfg. of fabricated metal products, machinery & equipment n.e.c.	28+29 30	132949	142026	174027	182282	191011	213602	236704	276043	327596
12	Elect. Machinery and apparatus n.e.c. + radio, TV & comm. Equip.	31+32	45842	50650	62594	72764	75401	63345	63192	63442	69974
13	Manufacture of furniture and medical, precision & optical instruments, etc.	33+36	40399	53117	60217	69570	74238	88913	108214	93065	97946
14	Motor vehicles, trailers and semi-trailers & other transport equipment	34+35	617429	698878	763868	837295	871164	1042953	1155052	1175064	1124840
15	Recycling of metal waste and scrap+ non-metal scrap	37	0	0	0	0	0	0	0	0	0
16	Repair + Railway+Defence		26851	30395	33218	36412	37887	45343	50231	51103	48918
17	Gross State Domestic Product unadjusted for FISIM		1411588	1537380	1687014	1841825	1902414	2137735	2335273	2405478	2607214
18	Less: FISIM		16627	24019	30755	37065	39986	42431	58224	62944	68546
19	Gross State Domestic Product		1392961	1513361	1686259	1804760	1862428	2095304	2277049	2346534	2438668
20	Less: consumption of fixed capital		290734	305245	353921	447121	501952	486182	592899	560737	586548
21	Net State Domestic Product		1102227	1208096	1302338	1257639	1360476	1609122	1684151	1776807	1872120

CHAPTER- VI

UNREGISTERED MANUFACTURING

Coverage

6.1 The registered manufacturing sector and the unregistered manufacturing sector are complementary to each other. These together constitute manufacturing sector. The manufacturing sector covers all manufacturing, processing and repairs & maintenance services units irrespective of their employment size, investment and location. The unregistered manufacturing sector being complementary to registered manufacturing sector, thus, by implication, covers all those units which are not covered under the registered manufacturing sector. In other words, the unregistered manufacturing sector covers all the manufacturing, processing, repairs and maintenance services units employing less than 10 workers and using power or less than 20 workers and not using power. It, by implication, also covers Own Account Enterprises (OAEs) engaged in the manufacturing activity. However, conversion of sugarcane into indigenous gur, slaughtering of animals and dressing of meat carried out by farmers and individuals are excluded from this sector as they are included under agriculture and allied activities.

Methodology and Source Material

Estimates at Current and Constant Prices

6.2 The estimates of gross product from this sector have been prepared by following the income approach. The estimates of GVA for the unregistered manufacturing industry for the base year are obtained as a product of work force and GVA per worker in terms of labour input and labour productivity. The GVA estimates for the new series for the base year 2004-05 have been prepared separately for the two segments of the unregistered manufacturing, namely (i) the segment of micro, small and medium enterprises (MSMEs) (other than those covered under the ASI) and (ii) the rest of unorganized manufacturing, i.e., the manufacturing activity which is not covered under either the ASI or the MSME.

The GVA for the MSME segment in the new series has been estimated using the value of output data available from the results of Fourth All India Census on Micro, Small and Medium enterprises, 2006-07 released by the office of the Development Commissioner, Micro, Small and Medium Enterprises and the GVA/GVO ratios available from the Directory Manufacturing Enterprises (DME) (i.e. those employing 6 and above workers) results of NSS, 62nd round survey on unorganized manufacturing. The due adjustments have been made to bring the

estimates of GVA of the MSME segment to the price levels of 2004-05.

The estimates of other unregistered manufacturing units, i.e., the units not belonging to MSMEs group have been compiled using information on GVA per worker and workforce. The GVA per worker was available from the integrated surveys of enterprises and households excluding MSME cases in the 62nd round of NSS (2005-06) and the same was suitably deflated to the year 2004-05.

The estimates of workforce for this portion of unregistered manufacturing that is for the units neither belonging to ASI nor to MSMEs have been obtained by subtracting the labour input registered manufacturing and MSMEs (Non-ASI) from the total labour input in the manufacturing activity available from the results of NSS, 61st round (2004-05) of Employment Unemployment Survey (EUS). The labour input for registered sector is available from the data of annual survey of industries (ASI) in 2004-05. The estimates of labour input for unregistered manufacturing segment covered under MSME have been derived from the "Fourth All India Census of Micro, Small and Medium Enterprises (MSME), 2006-07" suitably carried backward to the year 2004-05.

The above industrial group-wise estimates of gross product for all groups except the groups of Manufacture of wood & products of wood (NIC-98, code-20) and Manufacture of furniture (NIC-98, code-361) for the year 2004-2005 have been moved with the help of index of industrial production of the relevant groups to arrive at the constant prices estimates for the subsequent years. In case of the groups of Manufacture of wood & products of wood (NIC-98, code-20) and Manufacture of furniture (NIC-98, code-361), the estimates of gross product for the year 2004-2005 have been moved with the help of index of the value of output of industrial wood at constant prices to arrive at the constant prices estimates for the subsequent years.

The current prices estimates have been obtained by superimposing the wholesale price index of the respective group on the constant prices estimates.

6.3 To arrive at the net value added from this sector, the estimates of FISIM and CFC as supplied by the CSO have been deducted from the aggregate gross product.

The detailed estimates of SDP from Unregistered Manufacturing sector for the years 2004-2005 to 2012-13 both at current and constant prices have been given in Tables 32 and 33.

TABLE - 32
STATE DOMESTIC PRODUCT FROM MANUFACTURING-UNREGISTERED
(at current prices)

(Rs. Lakh)

Sr.No.	Item	NIC-98	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12
1	Manufacture of food products and beverages	15	114555	121265	136452	147249	150406	164245	182214	207629	250971
2	Mfg. of tobacco products	16	525	610	782	916	1047	1384	1652	1688	1886
3	Manufacture of textiles	17	73280	75036	77221	85446	86071	89423	104381	95321	87076
4	Manufacture of wearing apparel, dressing & dyeing of fur, tanning & dressing of leather, manufacture of luggage, handbags, etc.	18+19	81036	93863	105787	117614	123453	133361	148882	152981	165448
5	Mfg. of wood and products of wood except furniture	20	28100	30865	34194	35861	39024	42771	44469	56799	63096
6	Mfg. of paper and paper products, publishing, printing etc.	21+22	23661	26169	30328	31315	32520	33479	34043	41429	45310
7	Coke, refined petroleum products, nuclear, rubber & plastic products	23+25	36362	38738	40801	42508	49192	51550	66613	65294	79701
8	Mfg. of chemical and chemical products	24	29436	29623	35155	36149	44691	52416	60549	65877	71721
9	Mfg. of other non-metallic mineral products	26	24060	26418	32886	41698	42980	46830	49410	56599	66742
10	Mfg. of basic iron and steel and non-ferrous metals	27	20739	21769	24498	30057	32810	31747	35744	44765	58790
11	Mfg. of fabricated metal products, machinery & equipment n.e.c.	28+29	63235	71182	93875	101986	113752	131690	155900	196416	245184
12	Elect. Machinery and apparatus n.e.c. * radio, TV & comm. Equip.	30	20967	23735	31540	38137	40400	33492	33661	35053	39686
13	Manufacture of furniture and medical, precision & optical instruments, etc.	31+32	61201	67063	79056	85761	94124	107059	126872	119541	124503
14	Motor vehicles, trailers and semi-trailers & other transport equip.	33+35	83734	97343	108741	122137	133896	166186	188506	198564	198006
15	Recycling of metal waste and scrap- non-metal scrap	37	2	2	3	3	4	4	4	4	7
16	Gross State Domestic Product unadjusted for FISIM		661215	723682	828198	919841	984370	1084537	1232900	1337966	1499117
17	Less: FISIM		8725	9945	12026	13562	14417	13648	19126	21123	23957
18	Gross State Domestic Product		652490	713737	816172	906279	969953	1070889	1213774	1316827	1475160
19	Less: consumption of fixed capital		126512	142044	161132	172349	195292	222633	242158	267336	280436
20	Net State Domestic Product		525978	571693	655040	733930	774661	848256	971616	1049491	1194724

TABLE-33
STATE DOMESTIC PRODUCT FROM MANUFACTURING- UNREGISTERED
(at constant prices)

		(Rs. Lakh)									
Sr.No.	Item	NIC-98	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	
1	Manufacture of food products and beverages	15	114555	118517	121836	128501	122586	119224	126194	137570	156218
2	Mfg. of tobacco products	16	525	599	711	776	789	875	1067	929	937
3	Manufacture of textiles	17	73280	75840	76608	84150	83410	83784	87291	74179	86268
4	Manufacture of wearing apparel, dressing & dyeing of fur, tanning & dressing of leather, manufacture of luggage, handbags, etc.	18+19	81038	92980	100887	110317	113378	117930	122283	118703	125346
5	Mfg. of wood and products of wood except furniture	20	28100	29189	30555	30034	29851	29851	29851	35279	37425
6	Mfg. of paper and paper products, publishing, printing etc.	21+22	23961	25253	27977	28058	27962	28167	27193	31409	33170
7	Coke, refined petroleum products, nuclear, rubber & plastic products	23+25	36382	33671	32886	34163	34974	37777	43286	37504	42375
8	Mfg. of chemical and chemical products	24	29436	28542	32270	34697	37852	44511	48814	48906	49945
9	Mfg. of other non-metallic mineral products	26	24080	25546	28499	32501	32842	33248	34165	37017	40871
10	Mfg. of basic iron and steel and non-fer metals	27	20739	21462	22215	24562	23858	25268	26288	30097	37494
11	Mfg. of fabricated metal products, machinery & equipment n.e.c.	+29+30	83235	87552	83200	88899	90881	101691	112584	131294	155769
12	Elect. Machinery and apparatus n.e.c.+ radio, TV & comm. Equip.	31+32	20967	23188	28829	33281	34467	28973	28903	29018	32005
13	Manufacture of furniture and medical, precision & optical instruments, etc.	33+36	61201	64663	70477	75547	78164	67030	87484	86484	85832
14	Motor vehicles, trailers and semi-trailers & other transport equip.	34+35	83734	94794	103595	113551	118144	141401	156845	159361	152547
15	Recycling of metal waste and scrap+ non-metal scrap	37	2	2	2	3	3	3	3	3	4
16	Gross State Domestic Product unadjusted for FISIM		661215	699766	759927	818830	829161	879833	942021	957783	1018206
17	Less: FISIM		8725	10833	13854	15438	17428	17484	23487	25026	27762
18	Gross State Domestic Product		652490	688932	746073	803392	811733	862349	918534	932757	990444
19	Less: consumption of fixed capital		126512	136127	147835	152393	165393	182579	190099	200898	203711
20	Net State Domestic Product		525978	552705	598238	647999	646340	679770	728435	731858	786733

CHAPTER - VII

ELECTRICITY, GAS AND WATER SUPPLY

Coverage

7.1 The economic activities covered in this sector are:

- (i) Generation, transmission and distribution of electric energy
- (ii) Manufacture of bio-gas and supply of gas through pipe-lines
- (iii) Collection, purification and distribution of water for domestic and industrial consumers.

The operation of irrigation system is, however, excluded and is covered in "Agriculture Sector". The output of liquefied petroleum gas (LPG), which hitherto was included in gas under this sector has now been included under manufacturing sector as the production of LPG is essentially a manufacturing activity.

Methodology and Source Material

Estimates at Current Prices

7.2 The estimates of State Domestic Product of this sector have been obtained by following income approach and have been built up separately for each industry group.

Electricity

7.3 The estimates of SDP from four separate bodies namely Haryana Vidyut Parsaran Nigam Ltd., Haryana Power Generation Corporation Ltd., Uttar Haryana Bijli Vitran Nigam Ltd. and Dakshin Haryana Bijli Vitran Nigam Ltd. have been prepared by analyzing their annual accounts. The compensation to employees including basic wages, dearness allowance, overtime payments, gratuity, contribution to provident fund, pension, other social security and staff-welfare expenses, directors fee, etc. and operating surplus have been taken to form SDP from electricity. The SDP from other two bodies, i. e., Power Generation Corporation and National Thermal Power Corporation has been prepared and supplied by the CSO. The adjustment has been made for FISIM.

Gas

7.4 The estimates of SDP in respect of Gobar Gas are prepared by multiplying the total number of plants installed up to the current year by value of production per plant. The data regarding number of plants installed is made available by the Ministry of Non-conventional Energy Sources and the value of production per plant is estimated on the basis of Khadi and Village Industry Commission (KVIC) data. This data is supplied by the CSO to the States. In the absence of input structure, the value of output of Gobar Gas is treated as value added.

This is based on the assumption that the value of byproducts in the form of indigenous fertilizers (manure) resulted from the manufacturing of gas is equivalent to the value of gobar used therein. The adjustment has been made for FISIM.

Water Supply

7.5 The estimates of State Domestic Product have been prepared separately for public and private part. In Haryana, almost in all the urban and rural areas, the water supply services are being maintained by the State Public Health Department for which the data on wages and salaries and other benefits to staff is available from the State Budget. The data regarding wages, salaries and other benefits for those urban areas in which the water supply services are maintained by the municipal committees/corporations is obtained from their annual budgets. The total expenditure on water supply services obtained from the State Budget and municipal committee budgets has been treated as net product from water supply services in the public sector.

7.6 The net value added for Water Supply services in private sector has been taken as a product of work force and the net value added per worker. The total workforce and the workforce of public part available from the NSS, 61st round survey results were used to estimate the workforce of private part for 2004-05. The net value added per worker for 2004-05 has been taken as the average compensation of municipal worker in water supply services supplied by the CSO. The workforce for the subsequent years has been projected with the growth rate observed between 1991 and 2001 census workers engaged in private water supply services. The net value added per worker has been moved to subsequent years with CPI(IW).

Estimates at Constant Prices

7.7 The base year 2004-2005 estimates of GDP from electricity sub-sector have been moved to the subsequent years with the help of quantum index prepared from the data on quantity of electricity consumed.

7.8 In case of gas sub-sector, the GVA for the year 2004-05 is moved to the subsequent years with the number of bio-gas plants.

7.9 In case of water supply sub-sector, estimates of public part at constant prices have been obtained by deflating the current prices estimates of Net Value Added with the consumer price index of industrial workers with base 2004-2005. The base year estimates of NVA of private part have been moved to subsequent years with the growth rate of workforce.

7.10 The estimates of CFC supplied by the CSO has been used to work out the estimates of NSDP.

The detailed estimates of SDP from Electricity, Gas & Water Supply sector for the years 2004-2005 to 2012-13 both at current and constant prices have been given in Tables 34 and 35.

Sl. No.	Year	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	Remarks
1	2004-05	100000	100000	100000	100000	100000	100000	100000	100000	100000	
2	2005-06	100000	100000	100000	100000	100000	100000	100000	100000	100000	
3	2006-07	100000	100000	100000	100000	100000	100000	100000	100000	100000	
4	2007-08	100000	100000	100000	100000	100000	100000	100000	100000	100000	
5	2008-09	100000	100000	100000	100000	100000	100000	100000	100000	100000	
6	2009-10	100000	100000	100000	100000	100000	100000	100000	100000	100000	
7	2010-11	100000	100000	100000	100000	100000	100000	100000	100000	100000	
8	2011-12	100000	100000	100000	100000	100000	100000	100000	100000	100000	
9	2012-13	100000	100000	100000	100000	100000	100000	100000	100000	100000	

TABLE - 34
STATE DOMESTIC PRODUCT FROM ELECTRICITY, GAS AND WATER SUPPLY
 (at current prices)

Sr.No.	Item	(Rs. Lakh)									
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Gross State Domestic Product unadjusted for FISIM	162875	210878	208092	224095	321845	337804	410690	277710	487874	
	1.1 Electricity	123927	169075	162457	175901	254585	237867	291571	145382	328915	
	1.2 Gas	1745	1781	1820	1858	1908	16884	21534	25780	32174	
	1.3 Water supply	37203	40022	41815	48336	65352	83053	97585	106548	126585	
2	Less : FISIM	1858	2347	2385	2821	3768	3295	4857	3702	8771	
	2.1 Electricity	1635	2323	2359	2594	3730	2993	4523	2295	5257	
	2.2 Gas	23	24	26	27	28	212	334	407	514	
	2.3 Water supply	0	0	0	0	0	0	0	0	0	
3	Gross State Domestic Product	161217	208531	205707	221474	318087	334599	405833	273008	481903	
	3.1 Electricity	122292	166752	160098	173307	250855	234874	287048	143087	323658	
	3.2 Gas	1722	1757	1794	1831	1880	16572	21200	25373	31660	
	3.3 Water supply	37203	40022	41815	48336	65352	83053	97585	106548	126585	
4	Less: consumption of fixed capital	89001	92200	92663	101309	149287	148058	180054	138064	157025	
5	Net State Domestic Product	82218	116331	113044	120165	168800	186541	225779	134944	324878	

TABLE - 35
STATE DOMESTIC PRODUCT FROM ELECTRICITY, GAS AND WATER SUPPLY
(at constant prices)

		(Rs. Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Gross State Domestic Product unadjusted for FISIM	162876	176551	186379	205130	224978	272620	288758	314995	319776	
	1.1 Electricity	123027	136532	149057	164123	173141	204718	215525	238866	236676	
	1.2 Gas	1745	1781	1820	1858	1908	12004	13679	15359	17665	
	1.3 Water supply	37203	38138	37502	39149	49929	55898	59554	60770	66435	
2	Less : FISIM	1658	2163	2750	3340	3680	4301	6718	6642	8926	
	2.1 Electricity	1635	2135	2717	3303	3639	4063	5374	6240	6443	
	2.2 Gas	23	28	33	37	41	238	341	402	483	
	2.3 Water supply	0	0	0	0	0	0	0	0	0	
3	Gross State Domestic Product	161217	174388	183629	201790	221298	268319	283043	308353	312850	
	3.1 Electricity	122292	134497	146340	160820	169502	200655	210151	232626	229233	
	3.2 Gas	1722	1753	1787	1821	1867	11700	13338	14958	17182	
	3.3 Water supply	37203	38138	37502	39149	49929	55898	59554	60770	66435	
4	Less: consumption of fixed capital	69001	68376	64587	69247	124802	116063	134572	98029	106467	
5	Net State Domestic Product	92216	86012	100942	112543	96496	152256	148471	210324	206383	

CHAPTER -VIII

CONSTRUCTION

Coverage

8.1 This sector covers contract construction by general builders, civil engineering contractors and special trade contractors together with own account construction carried out by independent units of enterprises or other organizations which are not part of construction industry proper. Thus, the activities covered are construction, repair and demolition of buildings, high-ways, streets, culverts, heavy construction, sewers, water mains, rail-road beds, rail road sub-ways, elevated high-ways, bridges, dams, drainage projects, hydro-electric plants, water power projects, sanitation projects, irrigation and flood control projects, land drainage, leveling and reclamation, water wells, communication lines and all other construction works whether undertaken by private bodies or governmental authorities. Due to lack of data, demolition activity has, however, been excluded from this sector.

Methodology and Source Material

Estimates at Current Prices

8.2. The estimates of state domestic product have been prepared by the expenditure approach using the data on expenditure available from the sample surveys, budget documents, annual reports, etc. The estimates of state domestic product of this sector have been prepared separately for public and private sectors.

Public Sector

8.3 The estimates from Public Sector have been compiled under the following components:

- (i) Public Administration
- (ii) Departmental Enterprises of the Government at Central and State level, and
- (iii) Non-departmental Enterprises of the Government at Central and State level.
- (iv) Autonomous Institutions

(i) Public Administration

(a) **Central Government Administration:** Under this sub-sector, the Central Government Offices located in the State have been covered. The estimates of gross product of construction in respect of this component have been prepared and supplied by the CSO.

(b) **State Government Administration:** The data regarding expenditure incurred on new construction, repairs and maintenance have been obtained from the report "Economic and Functional Classification of State Government Budget." issued by this department.

(c) Local Authorities: Under this sub-sector, local authorities namely municipal corporation/municipal councils/municipal committees, market committees, panchayats, panchayat samities, improvement trusts and cantonment boards have been covered. The information of expenditure incurred by all local bodies except municipal corporation/council/committee has been obtained directly from the concerned authorities. In case of municipal corporation/council/committees, the requisite information has been obtained from the report, "An Economic and Functional Classification of the Budgets of Municipal Committees/Councils/ Corporation in Haryana."

(d) The estimates of GVA from different plan schemes being implemented in the State have been prepared and supplied by the CSO.

(ii) Departmental Enterprises

Under this sub-sector, departmental enterprises also known as Departmental Commercial Undertakings (DCUs) run by the Central and State Governments in the State have been covered.

(a) Central Government Enterprises: This sub-sector includes Railways, Communication and Banking & Insurance. The accounts of Railways, Communication and Banking & Insurance are prepared separately under the sub-category of supra-regional sectors. The estimates of Gross Product of construction in respect of these sectors have been prepared and supplied by the CSO.

(b) State Government Enterprises: This category includes the activities of Govt. irrigation, forestry, power units, milk supply scheme, Govt. printing presses, civil aviation, road transport, radio & television broadcasting, etc. The data on expenditure incurred by the State Government enterprises on new construction, repairs and maintenance has been obtained from the report, "Economic and Functional Classification of State Government Budget".

(iii) Non-departmental Enterprises

The non-departmental enterprises also known as Non-Departmental Commercial Undertakings (NDCUs) in the public sector are of two types namely (i) Government Companies in which more than 51 percent share capital is held by Central/State Government and (ii) Statutory Corporations setup under special enactment of the Parliament/ State legislation. The SDP estimates of these enterprises have been compiled under the following two components:

(a) Central Government Non-departmental Enterprises: The estimates of gross product of construction sector under this component have been prepared and supplied by the CSO.

(b) State Government Non-departmental Enterprises: The estimates have been prepared separately for non-financial enterprises and financial enterprises. The information of expenditure incurred by these enterprises on construction, repairs and maintenance has been obtained

directly from them or from their annual accounts.

(iv) The estimates of gross product of Autonomous Institutions in the State have been prepared and supplied by the CSO.

Private Sector

8.4 The estimates of GSDP have been prepared separately for House-hold sector and residual part. In this case also, first the estimates of expenditure on construction have been prepared and thereafter, the estimates of gross product have been arrived at.

(i) **Household Sector:** The household sector covers rural residential buildings, urban residential buildings, non-residential buildings, plantation (cultivated assets) and other households.

(a) **Residential buildings:** The estimates of expenditure on new construction, repairs and maintenance of rural and urban residential buildings are available for the year 2002-03 in the All India Debt & Investment Survey (AIDIS), 2002-03 report "Household Capital Expenditure during 1.7.2002 to 30.6.2003" brought out by the NSSO. The estimates of expenditure on new construction, repairs and maintenance for the year 2004-2005 based on the results of AIDIS, 2002-03 are moved to later years with the help of geometric growth rate of rural and urban census dwellings based on 1991 and 2001 population census data. The price change has been superimposed with the index of cost of construction of rural and urban buildings at the State level to obtain the estimates of expenditure at current prices.

(b) **Non-residential buildings:** The estimates of expenditure on new construction, repairs and maintenance in respect of rural and urban non-residential buildings for the year 2002-03 are also available from the aforesaid report of AIDIS. The estimates of expenditure on new construction, repairs and maintenance for the year 2004-2005 based on the results of AIDIS, 2002-03 have been supplied by the CSO. These estimates of expenditure for the year 2004-2005 are moved to later years with the help of combined index of GVA from agriculture and manufacturing at current and constant prices in the State to obtain the estimates of expenditure at current and constant prices, respectively.

(c) **Plantation and other households:** The estimates of GVA for this part of construction have been prepared and supplied by the CSO.

(ii) **Residual part:** The estimates of GVA for residual part of construction have been prepared and supplied by the CSO.

8.5 The expenditure on construction as compiled above separately for public sector, urban residential buildings, rural residential buildings and non-residential buildings is converted into the estimates of gross product using the ratio of GVA to expenditure supplied by the CSO.

Estimates at Constant Prices

8.6 In case of public sector, the estimates of GVA at constant prices are arrived at by deflating the current prices estimates of gross product with the index of wages of skilled and unskilled workers for urban area. The GVA estimates of plantation and other households at current prices are deflated with the combined index of building material and labour (rural) to arrive at the estimates at constant prices. The GVA estimates of residual at current prices are deflated with the combined index of building material and labour (urban) to arrive at constant prices estimates.

8.7 From the estimates of gross product so arrived, FISIM has been deducted. The net product has been obtained after deducting CFC from gross product. The estimates of CFC have been supplied by the CSO.

The detailed estimates of SDP from Construction sector for the years 2004-2005 to 2012-13 both at current and constant prices have been given in Tables 36 and 37.

TABLE-36
STATE DOMESTIC PRODUCT FROM CONSTRUCTION
(at current prices)

		(Rs. Lakh)								
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
1	Gross State Domestic Product unadjusted for FISIM	938057	1051069	1252281	1431911	1675571	2066136	2232732	2768965	3189394
2	Less: FISIM	12378	14444	18183	21113	24541	26001	34637	43716	50968
3	Gross State Domestic Product	925679	1036625	1234098	1410798	1651030	2040135	2198095	2725249	3138426
4	Less: consumption of fixed capital	41973	47288	59030	70009	82565	108026	118295	145002	168314
5	Net State Domestic Product	883706	989337	1175068	1340789	1568465	1932109	2079800	2580247	2970112

TABLE-37
STATE DOMESTIC PRODUCT FROM CONSTRUCTION
(at constant prices)

		(Rs. Lakh)								
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
1	Gross State Domestic Product unadjusted for FISIM	938057	1023009	1133107	1161738	1217414	1375101	1396943	1528573	1607287
2	Less: FISIM	12378	15983	20657	23379	25588	27294	34829	39940	43942
3	Gross State Domestic Product	925679	1007026	1112450	1138359	1191826	1347807	1362114	1488933	1563345
4	Less: consumption of fixed capital	41973	45751	55330	63767	71427	89688	94457	111174	123959
5	Net State Domestic Product	883706	961275	1057120	1074592	1120399	1258109	1267657	1377759	1439386

CHAPTER-IX

TRADE, HOTELS AND RESTAURANTS

Coverage

9.1 The activities considered in this sector are

- (i) Wholesale and retail trade in all commodities both produced at home (including exports) and imported
- (ii) Activities of purchase and selling agents, brokers and auctioneers
- (iii) Services rendered by hotels and other lodging places, restaurants, cafes and other eating and drinking places.

Wholesale trade covers units which resell without transformation new and used goods generally to the retailers and industries, commercial establishments, institutional and professional users or to other wholesalers. Retail trade covers units which mainly resell without transformation new and used goods for personal or household consumption.

Methodology and Source Material

Estimates at Current Prices

9.2 The estimates of gross product for this sector have been prepared separately for public sector, private organized sector and private un-organised sector.

(i) **Public Sector:** Estimates of gross product relating to public sector trading units are based on analysis of annual accounts of public sector trading enterprises. The estimates supplied by the CSO are used as such.

(ii) **Private Organised Sector:** The estimates of gross product prepared by the CSO have been used.

(iii) **Private Unorganised Sector:** The contribution of the unorganized segment has been estimated as a product of work force and value added per worker. For preparing the estimates of this segment for base year 1999-2000 in old series, the estimates of workforce of private unorganized part (rural and urban) were obtained for the benchmark year 1999-2000 by subtracting the estimated workforce in public sector and the private organized segment, available from DGET from the total workforce of the sector estimated from the results of NSS, 55th round survey on Employment- Unemployment, 1999-2000 along with the data on population from the population census 2001. The GVA per worker used for the old series was that of 'all enterprises' category available in informal sector survey conducted in NSS 55th round (1999-2000). As trade has not been covered in the 63rd round of NSSO on service sector, the

GVA for the year 1999-2000 has been moved to 2004-05 with the index of gross turnover based on total sales tax receipts in the State.

For preparing the estimates of hotels and restaurants sub-sector, GVA per worker based on 57th Round (2001-2002) of NSS and workforce estimates based on the results EUS, NSS 55th Round 1999-2000 and population census 2001 were used in the old series with base year 1999-2000. The base year 1999-2000 estimates of gross product prepared separately for urban and rural area were added. The GVA per worker available from Enterprise survey conducted during 63rd round (2006-07) of NSS and workforce estimates from Employment- Unemployment survey, 2004-05 along with population Census 2001 could not be used due to certain inconsistencies therein. Therefore, the GVA for the year 1999-2000 has been moved to 2004-05 with the index of gross turnover based on total sales tax receipts in the State.

The base year 2004-2005 estimates of gross product prepared separately above for trade, hotels & restaurants under private unorganized sector have been projected to subsequent years with the index of gross turnover based on total sales tax receipts in the State.

Estimates at Constant Prices

9.3 The estimates at constant (2004-2005) prices have been prepared by deflating the current prices estimates with the wholesale price index of all commodities with base 2004-2005.

9.4 The estimates of gross product from trade, hotels and restaurants are adjusted for FISIM. To arrive at net product, estimates of CFC supplied by the CSO have been deducted from the gross product.

The detailed estimates of SDP from Trade, Hotels & Restaurants sector for the years 2004-2005 to 2012-13 both at current and constant prices have been given in Tables 38 and 39.

TABLE-38
STATE DOMESTIC PRODUCT FROM TRADE, HOTELS AND RESTAURANTS
(at current prices)

		(Rs. Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Gross State Domestic Product unadjusted for FISIM	1569940	1853536	2266478	2753982	3367040	4220495	5340727	6343623	7192462	
2	Less: FISIM	20717	25471	32764	40008	49315	53113	62850	100153	114939	
3	Gross State Domestic Product	1549223	1828065	2223714	2713376	3317725	4167382	5257877	6243470	7077523	
4	Less: Consumption of fixed capital	33983	39503	46604	56679	74425	86026	110582	125910	186195	
5	Net State Domestic Product	1515240	1788562	2177020	2656697	3243300	4081356	5147295	6117560	6891328	

TABLE - 39
STATE DOMESTIC PRODUCT FROM TRADE, HOTELS AND RESTAURANTS
(at constant prices)

		(Rs. Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Gross State Domestic Product unadjusted for FISIM	1569940	1776417	2029207	2363933	2674376	3226678	3726958	4063820	4291445	
2	Less: FISIM	20717	27739	38904	47572	56211	64046	92921	108161	117326	
3	Gross State Domestic Product	1549223	1747678	1992213	2316361	2618165	3162632	3634034	3957659	4174119	
4	Less: consumption of fixed capital	33983	38196	42657	48894	59462	66587	80889	86412	120091	
5	Net State Domestic Product	1515240	1709482	1949556	2267467	2558703	3096045	3553145	3871247	4054028	

CHAPTER - X

TRANSPORT, STORAGE AND COMMUNICATION

Coverage

10.1 The economic activities covered in this sector are:

- (i) Transport by railways
- (ii) Transport by other means, namely; road transport (mechanised and non mechanized), water transport (coastal, ocean and inland), air transport and services incidental to transport
- (iii) Storage
- (iv) Communication services rendered by Post & Telecommunication Department and Overseas Communication Services.

Railway workshops and railway manufacturing establishments are excluded from railway transport and included in the 'manufacturing' sector. Construction activity of the railways is also excluded and taken into account in the 'construction' sector. Expenditure on education, medical and health services is also excluded here and included in 'other services'. Similarly, the activities relating to post office savings bank, postal life insurance and telecommunication workshops are excluded from communication and included in banking, insurance and manufacturing sectors respectively.

Methodology and Source Material

Estimates at Current Prices

10.2 This sector covers (i) railways, (ii) transport by other means viz. road transport, water transport, air transport and services incidental to transport, (iii) communication services of Post & Telecommunication Department & others and (iv) storage. The estimates of gross product have been prepared by following the income approach and have been built up separately for each industry group.

Railways

10.3 The SDP estimates of this sub-sector are prepared by the CSO and are used as such.

Transport by Other Means

10.4 This sub-sector covers all transport services other than railways and SDP is estimated separately under broad categories as given below:

Road Transport: The estimates have been prepared for mechanized and non-mechanised road transport separately.

(i) **Mechanized road transport:** The estimates of mechanized road transport have been prepared separately for (a) Other Scheduled Regular Passenger Land Transport (Code-6021), (b) Other Non-Scheduled Passenger Land Transport by Motor Vehicles (Code-60221), (c) Freight Transport by Motor Vehicles (Code-60231).

In case of other scheduled regular passenger land transport (6021), the estimates have been prepared separately for public and private sectors. In case of public transport, the estimates at current prices are compiled on the basis of data obtained from the State Budget. These estimates at current prices are deflated with CPI (IW) to obtain estimates at constant prices. The estimates for the base year 2004-2005 in respect of private transport have been worked out separately for rural and urban area by using the workforce available from NSS, 61st round, EUS 2004-2005 and population census 2001 and GVA per worker based on NSS, 63rd round 2006-07. The workforce for the base year is projected to subsequent years with Index based on number of buses and GVA per worker for rural and urban area is moved with the CPI (AL) and CPI (IW) respectively to compile the estimates at current prices for the subsequent years. The base year estimates of GVA are moved to later years with growth rate of workforce to compile estimates at constant prices.

The estimates for the base year 2004-2005 in respect of other non-scheduled passenger transport by motor vehicles (60221) and freight transport by motor vehicles (60231) are compiled separately for rural and urban area by using the estimates of GVA per worker obtained from NSS, 63rd round (2006-07) and workforce estimates based on the results of NSS, 61st round EUS 2004-2005 and population census 2001. The workforce estimates are projected to subsequent years with the index of number of goods vehicles for freight transport and index of number of passenger vehicles for passenger transport other than bus service. The VAPW for rural and urban area is projected to subsequent years with the CPI (AL) and CPI (IW), respectively to compile the estimates at current prices for the subsequent years. The base year estimates of GDP are moved to later years with growth rate of work force to compile estimates at constant prices.

(iv) **Non-mechanized road transport:-** The estimates of Non-Mechanized Road Transport are prepared separately for Non-scheduled Passenger Land Transport Other than by Motor Vehicles i.e. Carts, Bullock Tonga's etc.(Code-60222) and Freight Transport Other than by Motor Vehicles i.e. by man or animal drawn (Code-60232). In case of non-mechanized road transport,

the GVA per worker estimates are based on 63rd, round 2006-07 of NSS and workforce estimates are based on the results of NSS, 61st round EUS 2004-2005 and population census 2001. The benchmark year estimates of GVA obtained by multiplying the GVA per worker and workforce have been moved forward with the index of value of output of commodity producing sectors both at current and constant prices.

Air Transport

10.5 In case of Air transport (NIC-98, Code-62), the all India GDP estimates at current prices have been allocated to Haryana State on the basis of the percentage share of workforce of Haryana to All India workforce. The GDP estimates at constant prices have been prepared by deflating the estimates at current prices with the CPI (IW).

Services Incidental to Transport (Code-63-6302)

10.6 The estimates of Services Incidental to Transport (NIC-98, Code-63-6302) for private sector have been worked out by multiplying the workforce based on NSS, 61st round EUS 2004-2005 and population census, 2001 with GVA per worker available from the NSS, 63rd round 2006-2007 adjusted for the base year. The bench mark year estimates of GVA have been moved forward with the index of value of output of commodity producing sectors both at current and constant prices. In case of public sector, the estimates at current prices are supplied by the CSO. These estimates at current prices are deflated with CPI (IW) to obtain the estimates at constant prices.

Storage

10.7 The estimates of State Domestic Product from storage sub-sector have been prepared separately for (i) warehousing, (ii) cold storage and (iii) storage not elsewhere classified.

In case of warehousing, gross product has been obtained by analyzing the annual accounts of Central and State Warehousing Corporation. The value added from Central Warehousing Corporation (CWC) has been allocated to the States in proportion to the capacity of CWC Warehouses in the State to total storage capacity of CWC.

In case of cold storage and the storage not elsewhere classified, the all India GDP estimates at current prices have been allocated to Haryana state on the basis of percentage share of workforce of Haryana state to all India workforce.

Communication

10.8 The estimates of GVA from this sub-sector for public sector are prepared by the CSO and are used as such. The estimates of GVA relating to private communication services have been prepared for the economic activities namely (i) Courier activities (NIC-98, code-64120),

(ii) Activities of cable operators (NIC-98, code-64204) and (iii) Other communication (NIC-98, code-642 (-) 64204). The activity-wise methodology adopted for estimation of GVA is given below:-

Courier Services:- The estimates of GVA for courier services have been prepared by using the estimates of value added per worker from the results of NSS, 63rd round 2006-07 and the corresponding work force estimates based on NSS, 61st round EUS 2004-2005 and population census, 2001 for the base year estimates. For subsequent years, work force is projected using the inter-survey geometric growth rate observed between 1999-2000 and 2004-2005 workforce and VAPW of rural and urban area is moved with the CPI (AL) and CPI (IW) respectively.

Cable Operators:- For this activity, the same methodology has been adopted as in case of courier services.

Other Communication:- The estimates of GVA for private unorganized sector for the benchmark year have been compiled using the estimated VAPW from NSS, 63rd round 2006-07 survey results and the estimated workforce based on NSS, 61st round EUS 2004-2005 and population census, 2001. For the subsequent years, work force is projected using the inter survey geometric growth rate observed between 1999-2000 and 2004-2005 workforce and VAPW of rural and urban areas is moved with the CPI (AL) and CPI (IW) respectively. The estimates of GVA for private corporate sectors has been prepared and supplied by the CSO.

Gross Product from Transport and Storage sub-sectors is adjusted for FISIM. Net product has been obtained after deducting CFC from gross product. The estimates of CFC have been supplied by the CSO.

Estimates at Constant Prices

Railways

10.9 The estimates of gross product at constant prices are prepared by the CSO and are used as such.

Storage

10.10 In case of warehousing, cold storage and not elsewhere classified sub-sectors, base-year estimates of 2004-05 have been projected with the help of index of storage capacity of the respective sub sector to arrive at the estimates at constant prices for the subsequent years.

Communication

10.11 The constant prices estimates of communication sub-sector for public part are prepared and supplied by the CSO. For private unorganized communication services, the constant prices

estimates are obtained by multiplying the estimated workforce of the corresponding year with gross value added per worker of the base year 2004-2005. For private organised sector, the constant prices estimates are obtained by deflating the current prices estimates with CPI (IW).

10.12 Gross product from transport and storage is adjusted for FISIM. To arrive at net product, estimates of CFC as supplied by the CSO have been deducted from the gross product.

The detailed estimates of SDP from Transport, Storage and Communication sector for the years 2004-2005 to 2012-13 both at current and constant prices have been given in Tables 40 and 41, respectively.

Year	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	Source
10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	Estimated
10001	10001	10001	10001	10001	10001	10001	10001	10001	10001	Estimated
10002	10002	10002	10002	10002	10002	10002	10002	10002	10002	Estimated
10003	10003	10003	10003	10003	10003	10003	10003	10003	10003	Estimated
10004	10004	10004	10004	10004	10004	10004	10004	10004	10004	Estimated
10005	10005	10005	10005	10005	10005	10005	10005	10005	10005	Estimated
10006	10006	10006	10006	10006	10006	10006	10006	10006	10006	Estimated
10007	10007	10007	10007	10007	10007	10007	10007	10007	10007	Estimated
10008	10008	10008	10008	10008	10008	10008	10008	10008	10008	Estimated
10009	10009	10009	10009	10009	10009	10009	10009	10009	10009	Estimated
10010	10010	10010	10010	10010	10010	10010	10010	10010	10010	Estimated
10011	10011	10011	10011	10011	10011	10011	10011	10011	10011	Estimated
10012	10012	10012	10012	10012	10012	10012	10012	10012	10012	Estimated
10013	10013	10013	10013	10013	10013	10013	10013	10013	10013	Estimated
10014	10014	10014	10014	10014	10014	10014	10014	10014	10014	Estimated
10015	10015	10015	10015	10015	10015	10015	10015	10015	10015	Estimated
10016	10016	10016	10016	10016	10016	10016	10016	10016	10016	Estimated
10017	10017	10017	10017	10017	10017	10017	10017	10017	10017	Estimated
10018	10018	10018	10018	10018	10018	10018	10018	10018	10018	Estimated
10019	10019	10019	10019	10019	10019	10019	10019	10019	10019	Estimated
10020	10020	10020	10020	10020	10020	10020	10020	10020	10020	Estimated
10021	10021	10021	10021	10021	10021	10021	10021	10021	10021	Estimated
10022	10022	10022	10022	10022	10022	10022	10022	10022	10022	Estimated
10023	10023	10023	10023	10023	10023	10023	10023	10023	10023	Estimated
10024	10024	10024	10024	10024	10024	10024	10024	10024	10024	Estimated
10025	10025	10025	10025	10025	10025	10025	10025	10025	10025	Estimated
10026	10026	10026	10026	10026	10026	10026	10026	10026	10026	Estimated
10027	10027	10027	10027	10027	10027	10027	10027	10027	10027	Estimated
10028	10028	10028	10028	10028	10028	10028	10028	10028	10028	Estimated
10029	10029	10029	10029	10029	10029	10029	10029	10029	10029	Estimated
10030	10030	10030	10030	10030	10030	10030	10030	10030	10030	Estimated
10031	10031	10031	10031	10031	10031	10031	10031	10031	10031	Estimated
10032	10032	10032	10032	10032	10032	10032	10032	10032	10032	Estimated
10033	10033	10033	10033	10033	10033	10033	10033	10033	10033	Estimated
10034	10034	10034	10034	10034	10034	10034	10034	10034	10034	Estimated
10035	10035	10035	10035	10035	10035	10035	10035	10035	10035	Estimated
10036	10036	10036	10036	10036	10036	10036	10036	10036	10036	Estimated
10037	10037	10037	10037	10037	10037	10037	10037	10037	10037	Estimated
10038	10038	10038	10038	10038	10038	10038	10038	10038	10038	Estimated
10039	10039	10039	10039	10039	10039	10039	10039	10039	10039	Estimated
10040	10040	10040	10040	10040	10040	10040	10040	10040	10040	Estimated
10041	10041	10041	10041	10041	10041	10041	10041	10041	10041	Estimated
10042	10042	10042	10042	10042	10042	10042	10042	10042	10042	Estimated
10043	10043	10043	10043	10043	10043	10043	10043	10043	10043	Estimated
10044	10044	10044	10044	10044	10044	10044	10044	10044	10044	Estimated
10045	10045	10045	10045	10045	10045	10045	10045	10045	10045	Estimated
10046	10046	10046	10046	10046	10046	10046	10046	10046	10046	Estimated
10047	10047	10047	10047	10047	10047	10047	10047	10047	10047	Estimated
10048	10048	10048	10048	10048	10048	10048	10048	10048	10048	Estimated
10049	10049	10049	10049	10049	10049	10049	10049	10049	10049	Estimated
10050	10050	10050	10050	10050	10050	10050	10050	10050	10050	Estimated

TABLE - 40
STATE DOMESTIC PRODUCT FROM TRANSPORT,
STORAGE & COMMUNICATION
(at current prices)

		(Rs. Lakh)								
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
I	Gross State Domestic Product unadjusted for FISIM	782658	944233	1101389	1341189	1531949	1903186	2170696	2521558	2985778
	1. Railways	119026	152868	179996	240152	223999	266624	225724	280706	348996
	2. Transport by other means	547649	661016	789690	950738	1131778	1428827	1744467	2009788	2368034
	2.1 Road Transport (Mechanised)	488053	595536	712072	852220	1024236	1303469	1596577	1844310	2186885
	2.2 Road Transport (Non-Mechanised)	38474	41604	49868	57734	68912	81306	63974	103996	113911
	2.3 Water Transport	0	0	0	0	0	0	0	0	0
	2.4 Air Transport	9897	10046	12672	13152	19085	20845	27606	30342	32934
	2.5 Services incidental to transport.	11195	12629	15038	17832	19542	23307	26410	31140	34304
	3. Storage	7694	7567	7873	13719	14927	12471	16400	20306	26923
	3.1 Warehousing	5612	5373	5237	10554	11108	7868	10761	13361	17643
	3.2 Cold storage	848	809	1072	1267	1388	1486	1704	2091	2202
	3.3 Storage (Not elsewhere classified)	1234	1285	1564	1896	2431	3117	3915	4834	6078
	4. Communication	108289	122783	123670	136580	161248	196164	194105	210758	242826
II	Less : FISIM	7329	9188	11583	14220	16795	18139	27316	32051	38266
	1. Railways	0	0	0	0	0	0	0	0	0
	2. Transport by other means	7227	9084	11469	14018	16576	17982	27062	31730	37842
	3. Storage	102	104	114	202	219	157	254	321	414
	4. Communication	0	0	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10	11
III Gross State Domestic Product		776329	935046	1089806	1326969	1515164	1885047	2143381	2489507	2847522
1. Railways		119026	152866	179996	240152	223999	266824	225724	280706	348995
2. Transport by other means		540422	651931	778381	936720	1115199	1410945	1717406	1978058	2330192
3. Storage		7592	7463	7769	13517	14768	12314	16148	19985	25509
4. Communication		108289	122783	123670	136560	161248	195164	184105	210758	242826
IV Less Consumption of fixed capital		100428	126173	141297	160072	176208	204892	211962	302400	331563
1. Railways		36216	50234	56830	64176	71157	70737	74245	102601	127733
2. Transport by other means		46170	55023	64170	72078	74542	85052	98008	144274	136646
3. Storage		321	385	450	507	505	732	750	1188	1256
4. Communication		17721	20531	19847	23311	30004	39371	38959	54357	63628
V Net State Domestic Product		674901	808872	948509	1166897	1338946	1680155	1931419	2187107	2615959
1. Railways		82810	102634	123166	175976	152842	196887	151479	178105	221262
2. Transport by other means		494252	596908	714211	864642	1040657	1325893	1619398	1833784	2191546
3. Storage		7271	7078	7309	13010	14203	11582	15396	18817	24253
4. Communication		90568	102252	103823	113269	131244	165793	145146	156401	178895

TABLE - 41
STATE DOMESTIC PRODUCT FROM TRANSPORT,
STORAGE & COMMUNICATION
(at constant prices)

Sr.No.	Item	(Rs.Lakh)								
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
I	Gross State Domestic Product unadjusted for FISIM	782658	930618	1035553	1181014	1245721	1367803	1441325	1586624	1735006
	1 Railways	119026	155685	167503	210558	194191	206261	188131	228141	283107
	2. Transport by other means	547649	631261	708581	789552	945864	930222	1027511	1106785	1192515
	2.1 Road Transport (Mechanised)	488083	569670	639165	717702	768597	850748	941065	1015162	1099277
	2.2 Road Transport (Non-Mechanised)	38474	39766	44444	46363	48625	50640	54219	57030	58275
	2.3 Water Transport	0	0	0	0	0	0	0	0	0
	2.4 Air Transport	9897	8573	11545	11112	14581	14020	16786	17306	17285
	2.5 Services incidental to transport.	11195	12252	13427	14375	14061	14855	15441	17267	17678
	3. Storage	7694	7180	6922	7106	7307	8101	7793	8023	8819
	3.1 Warehousing	5612	5316	5178	5291	5413	5977	5765	5925	6450
	3.2 Cold storage	848	759	711	740	771	885	826	855	965
	3.3 Storage (Not elsewhere classified)	1234	1105	1033	1077	1123	1259	1202	1243	1404
	4. Communication	108289	136492	152547	173796	198359	223219	217890	243675	250968
II	Less FISIM	7329	9575	13044	16032	17932	18623	26813	29123	32844
	1. Railways	0	0	0	0	0	0	0	0	0
	2. Transport by other means	7227	9863	12918	15689	17778	18462	25618	28913	32603
	3. Storage	102	112	128	143	154	161	195	210	241
	4. Communication	0	0	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10	11
III Gross State Domestic Product		775329	920643	1022509	1164982	1227789	1349180	1415512	1567500	1702161
1. Railways		119026	155685	167503	210556	194191	206261	188131	228141	283107
2. Transport by other means		540422	621398	895063	773663	828086	911760	1001893	1077871	1159912
3. Storage		7582	7068	6796	6965	7153	7940	7598	7813	8578
4. Communication		108289	136492	152547	173796	195359	223219	217890	243675	250564
IV Less: consumption of fixed capital		100428	122721	132214	143024	147133	168703	166474	228082	242394
1. Railways		35216	49212	52933	55712	56455	65248	57122	74229	92010
2. Transport by other means		46170	53473	60693	66258	64975	71662	79939	113528	104824
3. Storage		321	370	406	431	395	537	511	745	753
4. Communication		17721	19666	18162	20623	25308	31256	28902	39580	44807
V Net State Domestic Product		674901	797922	890295	1021958	1080656	1180477	1249038	1329418	1459767
1. Railways		83810	106473	114570	154846	137736	141013	131009	153912	191097
2. Transport by other means		464252	567925	634970	707405	763111	840096	921954	964343	1055068
3. Storage		7271	6696	6390	6534	6758	7403	7087	7068	7825
4. Communication		90568	116526	134365	153173	173051	191963	188968	204065	205757

CHAPTER-XI

BANKING AND INSURANCE

Coverage

11.1 This sector covers:

- (i) Commercial Banks
- (ii) Banking and Issue Department of RBI
- (iii) Public Non-banking Financial Corporations
- (iv) Organized Non-banking Financial Companies such as stock exchanges and chit funds
- (v) Un-organized Non-banking Financial Undertakings such as professional money lenders and pawn brokers
- (vi) Post Office Saving Banks including operations concerning Cumulative Time Deposits and National Savings Certificates
- (vii) Co-operative Credit Societies and
- (viii) Life and Non-life Insurance Activities.

Methodology and Source Material

Estimates at Current and Constant Prices

11.2 Due to non-availability of State-wise data in respect of this Supra-regional sector, the allocation of SDP shares of the States from the national total is done by the CSO each year both at current and constant prices and communicated to States. These estimates have been taken as such to represent the income from this sector.

The detailed estimates of SDP from Banking and Insurance sector for the years 2004-2005 to 2012-13 both at current and constant prices have been given in Tables 42 and 43 respectively.

TABLE - 42
STATE DOMESTIC PRODUCT FROM BANKING AND INSURANCE
(at current prices)

		(Rs Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Gross State Domestic Product	303307	349355	419335	495043	577628	662709	896184	1095293	1256550	
2	Less: consumption of fixed capital	5319	6230	7279	8263	9158	10410	12942	14893	17592	
3	Net State Domestic Product	297988	343125	412056	486780	568468	652299	882242	1080400	1238958	

TABLE - 43
STATE DOMESTIC PRODUCT FROM BANKING AND INSURANCE
(at constant prices)

		(Rs Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Gross State Domestic Product	303307	376132	461571	549718	614555	707106	898898	1044440	1123377	
2	Less: consumption of fixed capital	5319	8009	6777	7462	7885	8617	10276	11368	12357	
3	Net State Domestic Product	297988	370123	454794	542256	606690	698489	876622	1033072	1111020	

CHAPTER-XII

REAL ESTATE, OWNERSHIP OF DWELLINGS, LEGAL AND BUSINESS SERVICES

Coverage

12.1 The economic activities covered in this sector are:

- i) **Real Estate Services:** This sub-sector includes buying, selling, renting and operating of self owned or leased real estate such as apartment buildings and dwellings, non-residential buildings, developing and sub-dividing real estate into plots, developing and sale of land, etc.
- ii) **Renting of Machinery and Equipments without Operator and Personal and Household Goods:** The activities covered under this category are the activities of renting of machinery and equipments without operator and personal/household goods.
- iii) **Legal Activities:** The activities covered in this category are legal services such as those rendered by Advocates, Barristers, Solicitors, Pleaders, Musketeers etc.
- iv) **Accounting and Book-Keeping:** The activities covered under this category are accounting, book-keeping, auditing and tax consultancy services.
- v) **Research and Development Activities:** This category includes research and development, market research and public opinion polling, business and management consultancy, architectural, engineering & other technical activities, advertising and business activities.
- vi) **Computer and Related Activities/Information and Technology:** The activities covered under this category are hardware consultancy, software consultancy & supply, data processing, data base activities, maintenance & repair of office/accounting/computing machinery and other computer related activities.
- vii) **Ownership of Dwellings:** The economic activities covered in this sub-sector are ownership of dwellings (occupied residential houses) including imputed value of owner occupied dwellings also. The services rendered by non-residential buildings are considered to be a subsidiary activity of the industries, which occupy the buildings and, therefore, are not included in this sector.

Methodology and Source Material

Estimates at Current Prices

Real Estate Services

12.2 In the new series, the GVA estimates at current prices for these services have been worked out separately for rural and urban area by multiplying the GVA per worker with the number of workers engaged in this activity. The GVA per worker estimates for the base year 2004-05 have been obtained from NSS, 63rd round, (2006-07) suitably adjusted for 2004-05 and workforce have been obtained from results of NSS, 61st Round, EUS 2004-05 and population census 2001. For subsequent years, the work force has been projected using annual compound growth rate observed between 1999-2000 and 2004-05 workforce and GVA per worker has been projected using CPI(AL) for rural area and CPI (IW) for urban area.

Renting of Machinery & Equipments, Legal Activities, Accounting & Book-Keeping and Research & Development activities

12.3 The GVA estimates for all above four activities i.e. Renting of Machinery & Equipments, Legal, Accounting & Book-Keeping and Research & Development have been worked out by adopting the same methodology as in case of Real Estate activities.

Ownership of Dwellings

12.4 The GVA for the ownership of dwellings in rural and urban area is equivalent to the gross rental of the residential census houses less the cost of repairs and maintenance. The number of residential houses in urban and rural area during the year 2004-05 is worked out by using the data of residential houses obtained from population census 2001 and compound growth rate recorded between 1991 and 2001 residential census houses. For subsequent years also, the number of rural and urban residential houses have been projected by using the same compound growth rate.

In case of urban area, the residential houses as worked out above and rent per household obtained from the results of 61st Round, NSS on employment and un-employment and consumer expenditure 2004-05 have been used to estimate the gross rental for the year 2004-05. For subsequent years, rent per dwelling has been moved with the CPI (UNME) of house rent sub-group to get the estimates at current prices. The expenditure on repairs and maintenance based on AIDIS, 2002-03 is subtracted from the gross rental to get estimates of GVA.

However, in case of rural area, the methodology for estimating the value added from the dwellings is somewhat different. In the old series, the GVA for the ownership of dwellings in

rural area was equivalent to the gross rental of the residential census houses less the cost of repair and maintenance. The residential houses as worked out on the basis of population census 2001 and rent per household obtained from the results of 55th round of NSS, 1999-2000 were used to estimate the gross rental for the year 1999-2000. The residential houses projected on the basis of compound growth between 1999 and 2001 residential census houses and rent per household moved with the CPI (UNME) of rural area were used to estimate the gross rental from rural dwellings at current prices for the subsequent years. In absence of any suitable indicator, half the growth of urban index was assumed to hold good for the rural area. The expenditure on repair and maintenance based on AIDIS, 1991-92 was subtracted from the gross rental to get estimates of GVA. The estimates of value added from the rural dwellings in the new series have been worked out by multiplying the estimates of value added of dwellings in the old series with base 1999-2000 with the All India ratio of value added from rural dwellings in new series with base 2004-05 to value added from rural dwellings in old series with base 1999-2000.

Computer and Related Activities/Information and Technology

12.5 The estimates of GVA have been compiled for organized and unorganized segments separately.

The GVA estimates for organized segment prepared are based on two components i.e. the value of software exported from the State and value of domestic software in the State. As the data relating to the value of domestic software is not available in the State, its value has been worked out from the value of exports of software from the State available from the NASSCOM on the basis of all India ratio of value of domestic software to the value of exports. As suggested by the CSO, the total GVO in the State has been calculated as sum of 82 percent of the value of exports and the value of domestic software. The GSDP has been estimated by taking 68 percent of the GVO of computer software in the State.

The estimates of GVA for the year 2004-2005 for the un-organized segment have been prepared using the data on workforce and value added per worker obtained from the results of NSS, 61st Round, EUS 2004-05 and NSS, 63rd Round (2006-2007), respectively. The estimates have been prepared for rural and urban area separately. The workforce for subsequent years is projected using the population growth rate observed between 1991 and 2001 Census. The GVA per worker for rural and urban area for subsequent years has been projected by using CPI (AL) and CPI (IW), respectively.

Estimates at Constant Prices

Real Estate Services, Renting of Machinery & Equipment, Legal Services, Accounting & Book-Keeping and Research & Development activities

12.6 The base year estimates of SDP for these sub-sectors have been moved to the later years with the growth rate of work force.

Computer and Related Activities

12.7 In case of organized segment, the estimates at constant prices are prepared by deflating the current prices estimates with CPI (IW). In case of unorganized segment, the estimates at constant prices have been prepared by multiplying the workforce of different years with GVA per worker of base year.

Ownership of Dwellings

12.8 In case of urban area, the estimates of gross rental for the base year 2004-2005 have been moved to the subsequent years with the growth rate of census dwellings. The expenditure on repairs and maintenance at current prices has been deflated with the combined index of building material and labour. In case of rural areas, the base year value added from dwellings has been moved with the annual growth rate of dwellings.

12.9 The estimates of Gross Product of Research and Development activities have been adjusted for FISIM.

12.10 To arrive at Net Product, estimates of CFC supplied by the CSO have been deducted from the Gross Product.

The detailed estimates of SDP from Real Estate, Ownership of Dwellings, Legal and Business Services sector for the years 2004-2005 to 2012-13 both at current and constant prices have been given in Tables 44 and 45.

TABLE - 44
STATE DOMESTIC PRODUCT FROM REAL ESTATE, OWNERSHIP OF
DWELLINGS, LEGAL AND BUSINESS SERVICES
(at current prices)

		(Rs.Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Gross rental of dwellings	340239	362559	402885	504429	568852	621688	749332	845852	936051	
	1.1 Rural	154151	166285	185953	235337	280171	312212	353080	399287	451585	
	1.2 Urban	186088	196274	218932	269092	288681	309476	396252	446565	484466	
2	Less: cost of repairs & maintenance of dwellings	15626	17088	18714	20945	23375	33835	38048	44009	50958	
	2.1 Rural	8813	9832	10517	11858	13373	18333	19519	23075	26479	
	2.2 Urban	6813	7456	8197	9086	10002	15502	18530	20934	24479	
3	Gross State Domestic Product unadjusted for FISIM	845382	1059403	1197224	1470299	1735394	2178832	2378096	2863633	3429698	
	3.1 Dwellings	324613	345471	384171	483454	545487	587853	711283	801843	885093	
	3.1.1 Rural	145338	156653	175438	223478	280798	293879	333061	378212	425106	
	3.1.2 Urban	179275	188818	208735	260006	278689	293974	377722	425631	459987	
	3.2 Real Estate Services	12148	17608	26060	38826	60411	98810	150974	228756	352452	
	3.3 Renting of machinery & equipments	8180	10850	15012	21331	31938	49855	76209	113837	173768	
	3.4 Computer & related activities	446643	622935	698293	839670	990779	1309483	1274420	1522844	1780686	
	3.5 Business services	32070	37842	45250	54223	67513	88457	107387	129331	158412	
	3.6 Legal services	16416	18534	21427	24886	29527	36334	43383	50230	59130	
	3.7 Accounting & book keeping	5322	6083	7002	8099	9739	12040	14440	18792	19857	
4	Less FISIM	423	520	657	789	989	1068	1666	2042	2531	
5	Gross State Domestic Product	844959	1058883	1196567	1469500	1734405	2177764	2376430	2861591	3427167	
6	Less: consumption of fixed capital	104081	117511	135283	160939	194723	227030	269328	303017	350825	
7	Net State Domestic Product	740878	941372	1060284	1308561	1539682	1950734	2107102	2558574	3076342	

TABLE - 45
STATE DOMESTIC PRODUCT FROM REAL ESTATE, OWNERSHIP OF DWELLINGS, LEGAL AND BUSINESS SERVICES
(at constant prices)

(Rs. Lakh)

Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
1	Gross rental of dwellings	340239	352246	364220	376579	389591	405428	418942	433492	448653
	1.1 Rural	154151	159128	163808	168593	173857	181430	185481	192249	198496
	1.2 Urban	186088	193118	200414	207986	215844	223998	232461	241243	250357
2	Less :cost of repairs & maintenance of dwellings	15626	16643	16871	16958	17140	23194	24292	24706	26102
	2.1 Rural	8813	9367	9488	9579	9804	12591	12504	12978	13770
	2.2 Urban	6813	7276	7383	7379	7336	10603	11788	11728	12332
3	Gross State Domestic Product unadjusted for FISIM	845392	1015973	1078562	1193024	1281027	1452260	1410956	1583763	1756976
	3.1 Dwellings	324613	335603	347349	359621	372361	382234	394650	408785	422751
	3.1.1 Rural	145336	149761	154318	159014	163853	168839	173977	179270	184726
	3.1.2 Urban	179276	185842	193031	200607	208508	213395	220673	229515	238025
	3.2 Real Estate Services	12148	16785	23382	32767	46111	65084	92055	130391	184879
	3.3 Renting of machinery & equipments	8180	10354	13469	17925	24287	33360	46291	64710	90938
	3.4 Computer & related activities	446643	593611	628272	709418	799954	881329	777746	868555	934700
	3.5 Business services	32070	36077	40590	45673	51397	57846	65111	73297	82519
	3.6 Legal services	16416	17763	19219	20706	22500	24346	26342	28502	30839
	3.7 Accounting & book keeping	5322	5780	6281	6825	7417	8082	8761	9523	10350
4	Less: FISIM	423	554	739	919	1080	1148	1823	1915	2256
5	Gross State Domestic Product	844969	1015409	1078823	1192105	1279947	1451112	1409333	1581848	1754720
6	Less: consumption of fixed capital	104081	113730	122382	133181	147883	165155	182586	191117	206395
7	Net State Domestic Product	740888	901679	956441	1058924	1132064	1285957	1226745	1390731	1548325

CHAPTER XIII

PUBLIC ADMINISTRATION

Coverage

13.1 The services included in Public Administration are those rendered by the administrative departments of Central Government, State Government, Autonomous Institutions, Municipal Committees, Notified Area Committees, Market Committees, Improvement Trusts, Zila Parishads, Village Panchayats, Panchayat Samities and Cantonment Boards. It may, however, be stated that this sector does not cover the entire field of activities of Government or local bodies. The activities of departmental commercial undertakings of Government such as, railways, communication, forest, road transport, electricity, irrigation, Government printing presses, milk schemes and defence manufacturing establishments are excluded from this sector and are included in the appropriate industry groups. Similarly, the construction activities undertaken by the Government are covered under the industry group of construction whereas education, medical & health services are included in the industry group of other services. The scope of this sector is, thus, practically the same as that of the industry 'government services' as defined in the Standard Industrial Classification.

Methodology and Source Material Estimates at Current Prices

13.2 The estimates of State Domestic Product from public administration are prepared separately for various administrative services covered under this sector. The payments of wages and salaries have been taken to constitute SDP from administrative services. The wages and salaries include basic wages, allowances and honoraria (excluding travelling allowances), wages paid to contingency staff, pension actually paid, employer's contribution to provident fund, if any, and supplement to wages and salaries in cash or kind.

(i) **Central Government:** The estimates of Gross/Net State Domestic Product from Central Government Administration under the supra-regional sector have been prepared and supplied by the CSO.

(ii) **State Government:** The budget documents of the State Government provide the detailed information on the expenses incurred by the State Government on its various activities. The data on expenditure on wages and salaries have been culled out from the budget documents. The expenditure shown under pay of officers, pay of establishments, allowances and honoraria (other than traveling allowance) have been taken into account. The wages and salaries of staff engaged in departmental commercial undertakings, construction activities, education, medical and public

health have been excluded from this sector and accounted for in the respective industry groups. In case of minor heads, where break-up of accounts is not available in the budget documents, the details are obtained from the concerned departments. The expenditure on repairs and maintenance is considered as current expenditure and has been included under the industry 'Construction'. The wages and salaries component of contingent expenditure, where it is available, has been taken into account. In case where the details are not available, the same have been ignored.

(iii) **Autonomous Institutions:** The estimates of SDP relating to services provided by the Autonomous Institutions have been prepared and supplied by the CSO.

(iv) **Municipal Committees:** Only expenditure on wages, salaries and other allowances has been taken from the major head 'General Administration' in G-I form (budget) of all the municipal committees in the State. The expenditure on education, construction, medical and public health has been excluded from this sector as these have been accounted for in respective industry groups.

(v) **Zila Parishads and Panchayat Samities:** The expenditure on wages and salaries has been culled out from the annual receipts and expenditure statements of all the Zila Parishads and Panchayat Samities.

(vi) **Gram Panchayats:** The expenditure on wages and salaries have been obtained from annual statements (Statement No. V) of Panchayat Funds.

(vii) **Market Committees, Improvement Trusts and Cantonment Boards:** The required data has been collected from all the market committees, improvement trusts and cantonment boards in the State.

Estimates at Constant Prices

13.3 The estimates of value added at constant prices have been obtained by deflating the current prices estimates with CPI(IW) with base year 2004-2005.

13.4 The estimates of CFC supplied by the CSO have been used.

The detailed estimates of SDP from Public Administration sector for the years 2004-2005 to 2012-13 both at current and constant prices have been given in Tables 46 and 47.

TABLE - 46
STATE DOMESTIC PRODUCT FROM PUBLIC ADMINISTRATION
(at current prices)

		(Rs. Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Net State Domestic Product	190443	217647	232931	261744	377594	473918	546269	578146	662633	
	1.1 State Government & Local Bodies	161666	184662	196994	228414	307009	408408	487175	514442	592291	
	1.2 Central Government	15923	17497	20239	16476	43202	36663	34973	37295	41861	
	1.3 Autonomous Institutions	12854	15488	15698	16852	27383	29847	24121	26409	28381	
2	Add: consumption of fixed capital	45601	51784	56186	64529	73023	86573	104063	110491	128348	
3	Gross State Domestic Product	236044	269431	289117	326273	450617	562491	650332	688637	790981	

TABLE - 47
STATE DOMESTIC PRODUCT FROM PUBLIC ADMINISTRATION
(at constant prices)

		(Rs. Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Net State Domestic Product	190443	207401	208907	221142	288482	318965	333375	329747	347713	
	1.1 State Government & Local Bodies	161666	175969	176676	192962	234555	274674	297312	293414	310848	
	1.2 Central Government	15923	16673	18152	13922	33006	24003	21343	21271	21970	
	1.3 Autonomous Institutions	12854	14759	14079	14238	20921	20086	14720	15062	14895	
2	Add: consumption of fixed capital	45601	49846	51431	56471	59705	56918	73065	72961	78537	
3	Gross State Domestic Product	236044	257247	260338	277613	348187	385883	406440	402708	426250	

CHAPTER XIV

OTHER SERVICES

Coverage

14.1 The economic activities covered under this sector are :

- (i) Coaching and tuition (NIC-98, codes 80903 and 80904)
- (ii) Education excluding coaching and tuition (NIC-98, codes 80(-) 80903 (-) 80904)
- (iii) Human health activities including veterinary activities (NIC-98, code 851+852).
- (iv) Sewage and refuse disposal, sanitation activities (NIC-98, code 90)
- (v) Activities of membership organizations(+) social work (NIC-98, code 91 + 853)
- (vi) Recreational, cultural and supporting activities(NIC-98, code 92)
- (vii) Washing and cleaning of textiles and fur products (NIC-98, code-9301)
- (viii) Hair dressing and other beauty treatment (NIC-98, code-9302)
- (ix) Funeral and related activities (NIC-98, code-9303+9309)
- (x) Private households with employed person (NIC-98, code-95)
- (xi) Custom tailoring (NIC-98, code-18105)
- (xii) Extra-territorial organizations and bodies (NIC-98, code-99).

Methodology and Source Material

Estimates at Current Prices

14.2 The estimates of SDP from this sector have been prepared by following the income approach. While estimating labour income, the earnings of both primary and secondary workers engaged in such services have been taken into account.

The method generally followed for estimation of value added for different categories of services in the non-public segment is the labour input method i.e. estimated workforce multiplied by the average value added per person in the activity. For the public part, estimates are compiled by analyzing the budget documents of the state.

14.3 **Coaching and Tuition (NIC-98, codes 80903 and 80904):-** In the new series, the GVA estimates at current prices for these services have been worked out separately for rural and urban area by multiplying the GVA per worker with the number of workers engaged in this activity.

The GVA per worker estimates for the base year 2004-2005 have been obtained from NSS, 63rd round (2006-07) suitably adjusted for 2004-2005 and workforce has been obtained from results of NSS, 61st Round, EUS, 2004-05 and population census 2001. For subsequent years, the work force has been projected using annual compound growth rate observed between 1999-2000 and 2004-2005 workforce and GVA per worker has been projected using CPI(AL) for rural area and CPI(IW) for urban area.

14.4 Education excluding coaching and tuition (NIC121-98 codes 80 (-) 80903 (-) 80904):-

The activities covered under this compilation category are the activities of public sector institutions and of private education institutions, excluding those of coaching centres and individuals providing tuitions. The GVA for the recognized institutions under public sector has been taken from budget documents. The GVA estimates for private corporate and unorganised institutions have been compiled separately for rural and urban area using the results of NSS, 61st round, EUS 2004-05 and population census 2001 (after excluding the workforce in public sector) for workforce and the results of NSS, 63rd round, 2006-07 for VAPW. For subsequent years, the work force has been projected using annual compound growth rate observed between 1999-2000 and 2004-2005 workforce and GVA per worker has been projected using CPI (AL) for rural area and CPI (IW) for urban area.

14.5 Human health activities including Veterinary activities (NIC-98, code 851+852):-

In the new series, the estimates of GVA in human health services have been prepared separately for public and private sectors. The estimates relating to public part of human health including veterinary services are the expenditure on salaries and wages of doctors and other paramedical staff obtained from State Budget documents. The GVA for private corporate sector and unorganized sector have been estimated using workforce estimates available from NSS 61st round (2004-05) and VAPW estimated from the results of NSS 63rd round (2006-07) survey on services sector. For subsequent years, the work force has been projected using annual compound growth rate observed between 1999-2000 and 2004-2005 workforce and GVA per worker has been projected using CPI (AL) for rural area and CPI (IW) for urban area.

14.6 Sewage and refuse disposal, sanitation activities (NIC-98, code 90):-

The estimates of State Domestic Product have been arrived at by adopting income approach and have been prepared separately for public and private part. In case of public part, the GVA is prepared and supplied by the CSO. The GVA for private sector for the benchmark year 2004-05 have been estimated using workforce estimates available from NSSO, 61st round (2004-05) and VAPW estimated from the results of NSS 63rd round (2006-07) survey on

services sector. The value added per worker for the year 2004-2005 has been moved forward to the subsequent years using CPI(IW) in case of urban area and CPI(AL) in case of rural area. The workforce for the year 2004-2005 has been moved forward to the subsequent years by using annual compound growth rate observed between 1999-2000 and 2004-05 workforce.

14.7 Activities of membership organizations (+) social work (NIC-98, code 91 + 853):-

This sub-sector includes the services of association of writers, painters, lawyers, doctors, journalists and other similar organizations, activities of trade unions, activities of religious organizations, social work with accommodation etc. The GVA estimates at current prices for these services have been worked out separately for rural and urban area by multiplying the GVA per worker with the number of workers engaged in this activity. The GVA per worker estimates for the base year 2004-2005 have been obtained from NSS, 63rd round (2006-07) suitably adjusted for 2004-2005 and workforce has been obtained from the results of NSS, 61st Round 2004-05 and population census 2001. For subsequent years, the work force has been projected using annual compound growth rate observed between 1999-2000 and 2004-2005 workforce and GVA per worker has been projected using CPI (AL) for rural area and CPI (IW) for urban area.

14.8 Recreational, cultural and supporting activities (NIC-98, code 92):-

In the new series, the estimates of GVA have been prepared separately for public and private sectors. The estimates of GVA for the public sector are compiled from the annual reports of PRASHAR BHARATI. The GVA for private corporate sector and unorganized sector for the year 2004-05 have been estimated using workforce estimates from NSSO, 61st round (2004-05) and VAPW estimated from the results of NSS 63rd round (2006-07) survey on services sectors. For subsequent years, the workforce has been projected using annual compound growth rate observed between 1999-2000 and 2004-05 workforce. The GVA per worker of base year is moved forward to subsequent years using CPI (AL) and CPI (IW) for rural and urban area respectively.

14.9 Washing and Cleaning of textile and fur products (NIC-98, code-9301), 14.10 Hair dressing and other beauty treatment (NIC-98, code-9302) and 14.11 Funeral and related activities (NIC-98, code-9303+9309):-

The GVA estimates for all the above activities have been worked out by adopting the same methodology as in case of coaching and tuition activities.

14.12 Private households with employed person (NIC-98, code-95):-

The data on private households with employed persons has not been collected in the NSS

63rd round survey on services sector, as it is not feasible to identify such households as enterprises. The value added generated by this activity relates to wages paid to employed persons by the households. Therefore, the VAPW for this activity in the new series for 2004-2005 has been estimated on the basis of wage data collected in NSS, 61st round, 2004-05. The total weekly earnings of the workers falling under this category have been divided by the number of workers to arrive at weekly wages. The GVA estimates in respect of these services have been compiled using average weekly wage per unit of labour input (adjusted for annual wages), separately for rural and urban area and workforce obtained from results of NSS, 61st Round, 2004-05 and population census 2001. For subsequent years, the work force has been projected using annual compound growth rate observed between 1999-2000 and 2004-2005 workforce and GVA per worker has been projected using CPI (AL) for rural area and CPI (IW) for urban area.

14.13 Custom tailoring (NIC-98, code-18105):-

The GVA estimates for the base year 2004-2005 have been prepared using NSS, 56th round 2000-01 (unorganized manufacturing) extrapolated data on VAPW and results of NSS, 61st round, EUS 2004-05 and population census 2001 for workforce, separately for rural and urban area. For subsequent years, the work force has been projected using annual compound growth rate observed between 1999-2000 and 2004-2005 workforce and GVA per worker has been projected using CPI (AL) for rural area and CPI (IW) for urban area.

14.14 Extra-territorial organizations and bodies (NIC-98, code-99):-

The activities covered under this category are extra territorial organizations and bodies including the activities of international organizations such as United Nations and its agencies etc. GVA estimates for these activities are being provided by the CSO.

Estimates at Constant Prices

14.15 The base year estimates of gross/net value added have been moved by relevant physical indicators to arrive at the annual estimates at constant prices for subsequent years. In case of public sector, the current price estimates have been deflated with CPI(IW) to get the constant price estimates. For rest of the services, the growth rate of the workforce has been used to project the base year estimates to subsequent years separately for rural and urban area.

14.16 The estimates of Gross Product are adjusted for FISIM. The estimates of CFC as supplied by the CSO have been used.

The detailed estimates of SDP from Other Services sector for the years 2004-2005 to 2012-13 both at current and constant prices have been given in Tables 48 and 49.

TABLE - 48
STATE DOMESTIC PRODUCT FROM OTHER SERVICES
(at current prices)

Sr.No.	Item	(Rs. Lakh)									
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Coaching and tuition (NIC-98 codes 80903 and 80904)	7767	8983	10570	12527	15341	19404	23719	28073	33888	
2	Education excluding coaching and tuition (NIC-98 codes 80 (-) 80903 (-) 80904)	260609	301822	345428	386390	521596	737337	874913	940106	1095952	
3	Human health activities including veterinary activities (NIC-98, code 851+852)	77351	82782	90540	111621	144208	203635	200790	215067	249693	
4	Sewage and refuse disposal, sanitation activities (NIC-98 code 90)	11807	8848	10862	13318	20376	27453	35385	45165	60201	
5	Activities of membership organizations(+) social work (NIC-98 code 91 + 853)	15830	20860	27014	37592	52480	75554	105395	142581	190508	
6	Recreational cultural and supporting activities (NIC-98, code 92)	9184	12571	15520	20627	28673	41350	58356	79203	111605	
7	Washing and cleaning of textile and fur products (NIC-98, code-9301)	7128	8876	11196	14140	18589	26068	32637	41709	53865	
8	Hair dressing and other beauty treatment (NIC-98, code-9302)	13902	18343	24684	33650	47360	69115	97495	133379	180596	
9	Funeral and related activities (NIC-98, code-9303-9309)	88291	99308	113397	130737	155558	191335	227226	261143	306326	
10	Private households with employed person (NIC-98, code-95)	3870	4420	5121	5966	7209	8976	10827	12660	15076	
11	Custom tailoring (NIC-98, code-18105)	15910	19230	23709	29517	38214	51131	66479	84034	108337	
12	Extra-territorial organizations and bodies (NIC-98, code-99)	1433	1580	1756	1956	2240	2638	3053	3472	4022	
13	Gross State Domestic Product unadjusted for FISIM	513082	587519	689495	798043	1061824	1503205	1736475	1987392	2422073	
14	Less: FISIM	6771	8075	10012	11767	15405	18917	26937	31377	38706	
15	Gross State Domestic Product	506311	579544	679483	786276	1036419	1484288	1709538	1956015	2383367	
16	Less: consumption of fixed capital	20842	25865	32108	37997	44648	52669	58758	83860	81956	
17	Net State Domestic Product	485469	553679	647375	748279	991771	1431619	1650780	1872155	2301411	

TABLE - 49
STATE DOMESTIC PRODUCT FROM OTHER SERVICES
(at constant prices)

		(Rs. Lakh)									
Sr.No.	Item	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
1	2	3	4	5	6	7	8	9	10	11	
1	Coaching and tuition (NIC-98 codes 80903 and 80904)	7767	8562	9465	10485	11582	12820	14180	15689	17361	
2	Education excluding coaching and tuition (NIC-98 codes 80 (-) 80903 (-) 80904)	260609	287766	309865	325223	396907	493283	530287	532193	569922	
3	Human health activities including veterinary activities (NIC-98, code 851+852)	77351	78831	83001	93938	109697	169947	121436	121910	129449	
4	Sewage and refuse disposal, sanitation activities (NIC-98 code 90)	11807	8437	9565	11199	15496	18332	21405	25639	31287	
5	Activities of membership organizations(+) social work (NIC-98 code 91 + 853)	15830	19899	25045	31556	39809	50270	63542	80393	101803	
6	Recreational cultural and supporting activities (NIC-98, code 02)	9184	11987	13931	17346	21792	27601	35298	44796	58029	
7	Washing and cleaning of textile and fur products (NIC-98, code-9301)	7128	8481	10043	11921	14150	16796	19937	23665	28091	
8	Hair dressing and other beauty treatment (NIC-98, code-9302)	13902	17518	22138	28054	35647	45416	58009	74278	95332	
9	Funeral and related activities (NIC-98, code-9303-9309)	85291	94785	101765	109267	117330	125999	135317	145336	156107	
10	Private households with employed person (NIC-98, code-95)	3870	4218	4595	5012	5470	5974	6529	7139	7810	
11	Custom tailoring (NIC-98, code-18105)	15911	18346	21272	24787	29014	34093	40203	47553	56395	
12	Extra-territorial organizations and bodies (NIC-98, code-99)	1432	1492	1573	1652	1710	1776	1863	1980	2111	
8	Gross State Domestic Product unadjusted for FISIM	513082	560420	618678	670442	798514	1002307	1048006	1120471	1253897	
9	Less: FISIM	8771	8756	11277	13492	16786	19895	26126	29271	34276	
10	Gross State Domestic Product	506311	551664	607301	656950	781828	982412	1021877	1091200	1219621	
11	Less consumption of fixed capital	20842	24965	29613	33830	37195	42124	44895	60847	66559	
12	Net State Domestic Product	485469	526699	577688	623320	744633	940288	976976	1030353	1162852	

TABLE - 50
Per Capita Income of Various States and All India
(at current prices)

		(Rs. Lakh)									
Sr.No.	State	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	25959	28223	32961	39780	44376	50515	58733	64773	72301	81397
2	Arunachal Pradesh	26721	28171	30132	34466	39726	51068	60961	71366	76370	85468
3	Assam	16782	18396	19737	21290	24099	28383	33087	36320	38945	44263
4	Bihar	7914	8223	9967	11051	13726	15457	19111	22582	26948	31199
5	Chhattisgarh	18559	20117	24800	29385	34360	34366	41165	48366	53815	58547
6	Goa	76968	84721	94882	108708	135966	149184	168024	211570	200514	224138
7	Gujarat	32021	37780	43395	50018	95068	84097	77485	85979	93046	106831
8	Haryana	37972	42309	49261	56917	57405	82037	93852	106320	119833	133427
9	Himachal Pradesh	33348	36949	40393	43966	45903	58402	68297	75185	83899	92300
10	Jammu & Kashmir	21734	23240	25059	27448	30212	33650	40089	46734	52250	58593
11	Jharkhand	18510	18326	19789	24789	25046	28223	34721	36554	40238	46131
12	Karnataka	26882	31239	35981	42419	48084	51364	62251	68053	78578	84708
13	Kerala	32351	36958	41318	46865	54560	62114	69943	82753	91567	103620
14	Madhya Pradesh	15442	16631	19028	20935	25278	28651	32453	37180	43426	51798
15	Maharashtra	39077	41965	49631	57760	62234	69765	84858	93748	103991	114392
16	Manipur	18547	20251	21220	22820	24413	26621	28336	33895	37658	41573
17	Meghalaya	23079	24885	28940	31602	36962	38819	43766	50316	54156	61548
18	Mizoram	24862	26698	28764	32488	38582	42715	50958	53624	63413	76120
19	Nagaland	30441	33792	36568	39985	46207	50263	55582	63781	70274	77529
20	Orissa	17650	18846	22237	27735	31416	33029	38537	43483	49227	52659
21	Punjab	33103	36199	41883	49380	55315	61805	68582	76895	84526	92638
22	Rajasthan	18565	20275	24055	26882	31279	35254	44644	54637	60884	69974
23	Sikkim	26890	30252	32199	36448	46583	90749	106972	130127	151395	176491
24	Tamil Nadu	30062	35243	42288	47606	54137	64338	78473	89050	98628	112664
25	Telangana	24409	28987	33381	39652	49114	51955	66951	75124	85169	95351
26	Tripura	24394	26668	29081	31111	35587	39815	46050	50859	57402	69705
27	Uttar Pradesh	12950	14221	16013	17785	20422	23671	26698	30021	33482	36250
28	Uttarakhand	24726	29441	35111	42619	50657	62757	73619	85372	92566	103716
29	West Bengal	22649	24720	27823	31567	35487	41039	47245	53383	60318	70059
	All India	24143	27131	31206	36825	40775	46249	54021	61856	67839	74380

TABLE - 51
Per Capita Income of Various States and All India
(at constant 2004-05 prices)

Sr.No.	State	(Rs. Lakh)									
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	25959	27179	29797	33217	33733	35677	37708	38556	39645	42170
2	Arunchal Pradesh	26771	26870	27675	30287	32028	33893	34548	35527	33605	36019
3	Assam	16782	17050	17579	18089	18622	20408	21146	21741	22273	23392
4	Bihar	7914	7586	8759	9070	10297	10635	12090	13149	14356	15506
5	Chhattisgarh	18559	18530	21580	22929	23926	24189	25991	27163	28087	28373
6	Goa	76968	80844	86257	87085	90409	95320	110306	129397	132220	137401
7	Gujarat	32021	36102	38568	42498	43685	49168	53813	56634	59157	63168
8	Haryana	37972	40627	44423	47046	49780	55044	57797	61716	64052	67260
9	Himachal Pradesh	33348	35806	38195	40143	41666	43492	46682	49203	51730	54484
10	Jammu & Kashmir	21734	22406	23375	24470	25641	26518	27666	28833	29754	31054
11	Jharkhand	18510	17406	17427	20996	19867	21534	24330	25265	27010	28882
12	Karnataka	26882	29295	31967	35574	37667	37294	40899	41492	42976	45024
13	Kerala	32351	35492	38113	41315	43644	47300	50146	52808	55643	58861
14	Madhya Pradesh	15442	15927	17073	17572	19462	20969	21706	23272	24867	26853
15	Maharashtra	36077	40671	45582	50138	50183	54246	59587	61468	64218	69584
16	Manipur	18547	19341	19250	19886	20961	21810	20711	22169	23130	24042
17	Meghalaya	23079	24278	25471	25633	28223	29306	31418	34232	34706	37154
18	Mizoram	24962	25826	26308	28467	31921	34699	40072	37921	39347	41094
19	Nagaland	30441	33072	35074	37317	39041	40590	43992	46340	48111	49963
20	Orissa	17650	18194	20194	21640	22963	27546	23968	24542	25163	24929
21	Punjab	33103	34096	37087	39567	41003	42831	44769	46325	47834	49442
22	Rajasthan	18565	19446	21342	21922	23356	24304	27502	29612	30839	31836
23	Sikkim	26690	29008	30293	31722	35394	60774	66136	73704	78427	83627
24	Tamil Nadu	30062	34126	39168	41314	43193	47394	53507	57093	58360	62361
25	Telagana	24409	27921	30562	33271	37436	37183	43364	45277	47100	48881
26	Tripura	24394	25688	27558	29022	31711	34544	36718	39608	43574	47261
27	Uttar Pradesh	12950	13445	14241	14875	15713	16390	17388	18014	18635	19233
28	Uttarakhand	24726	27781	30644	35444	38621	44557	48525	52606	55375	59161
29	West Bengal	22649	23808	26400	27094	27914	29799	31314	32164	34177	36293
All India		24143	26015	28067	30332	31764	33901	36202	38048	38856	39904

ABBREVIATIONS USED IN THE PUBLICATION

AIDIS	All India Debt and Investment Survey
ASI	Annual Survey of Industries
CSO	Central Statistics Office
CFC	Consumption of Fixed Capital
CPI (AL)	Consumer Price Index of Agricultural Labourers
CPI (IW)	Consumer Price Index of Industrial Workers
CWC	Central Warehousing Corporation
DME	Directory Manufacturing Enterprises
DCU	Departmental Commercial Undertaking
DLR	Directorate of Land Records
DGE&T	Director General, Employment and Training
DSO	District Statistical Officer
EUS	Employment & Unemployment Survey
FISIM	Financial Intermediation Services Indirectly Measured
GDP	Gross Domestic Product
GSDP	Gross State Domestic Product
GVA	Gross Value Added
GVO	Gross Value of Output
IBM	Indian Bureau of Mines
IASRI	Indian Agricultural Statistics Research Institute
KVIC	Khadi and Village Industries Commission
LPG	Liquefied Petroleum Gas
MT	Metric Tonnes
MSME	Micro, Small and Medium Enterprises
NASSCOM	National Association of Software and Service Companies
NDP	Net Domestic Product
NSDP	Net State Domestic Product
NVA	Net Value Added
NSSO	National Sample Survey Organisation
NSS	National Sample Survey

ABBREVIATIONS USED IN THE PUBLICATION

NDCU	Non Departmental Commercial Undertaking
NAD	National Accounts Division
NEC	Not Elsewhere Classified
NIC	National Industrial Classification
OAE	Own Account Enterprise
RBI	Reserve Bank of India
SDP	State Domestic Product
SNA	System of National Accounts
SSB	State Statistical Bureau
UNME	Urban Non-Manual Employees
VAPW	Value Added Per Worker
WPI	Wholesale Price Index
..	Not Available
..	Nil or Negligible

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