



# **Gujarat Integrated Statistical System GISS**

## **The Central Data Repository**

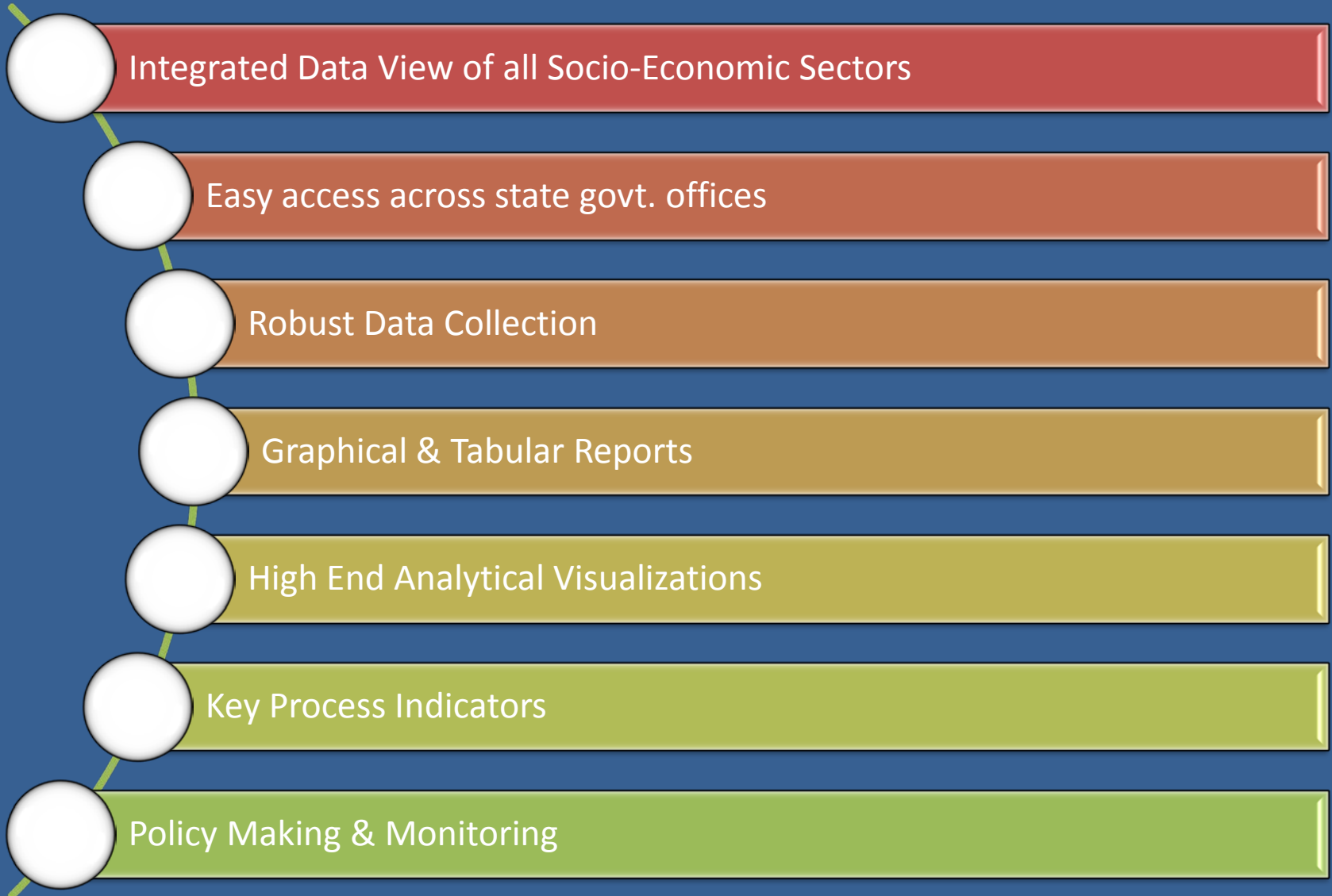
**Directorate of Economics and Statistics  
General Administration Department (Planning)  
Government of Gujarat**

## Backdrop of GISS ...

- ❑ Data Collection & Dissemination carried out through conventional methods...
- ❑ Larger scope for improvement in data presentation
- ❑ Need for robust statistical analysis tools
- ❑ Need to have web base portal having data of all sectors at one place and with intelligent statistical tools (like SAS); inter sectoral data can be analyzed and reports can be generated and delivered to various stakeholders in timely manner.

Keeping all these in view, a project of **GISS** development was initiated.

# GISS Overview



# GISS Overview

*80+ Data Sources*

*2800+ Data Items*

*400+ Reports*

*16 Sector Dashboards*

*150+ Major Key Indicators*

*100+ Analytical  
Reports*

*24 types of  
Visualization*

*Major GoI Economic  
Indicators*

# Sector Classification

Population

Agriculture

Education

Energy & Power

Finance

Food & Civil  
supplies

Forest &  
Environment

Health

Housing

Industry &  
Mining

Information &  
Communication

Labour &  
Employment

Law & Order

Transport

Women & Child  
Development

Others

# GISS Portal Home Page



**DES GUJARAT**  
INTEGRATED STATISTICAL SYSTEM

Home

Dashboard

SAS Login

DES Gujarat

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**Social**

GSDP (Constant) - 8.95 %

**Economic**

Per Capita Income - 1,24,358 INR

**Financial**

NVA from Industry - 1,28,420 Cr

Unemployment Rate - 0.5 %

Index of Industrial Production - 181.1

[VIEW KEY INDICATORS](#)

## About GISS

GISS is an integrated data base of all sectors along with an access to high-end analytical software. The portal can be access by all Govt. department / offices at the state, district and sub district level. As the data related to all sectors will be available through a single portal, the offices can analyze not only data of their own sector but also of the cross sectors impact of various Govt.



About GISS

Population

**New** Agriculture

Education

Energy & Power

**New** Finance

Food & Civil Supply

Forests & Environment

Health

**New** Housing

Industry & Mining

Information & Communication

Labour & Employment

Law & Order

**New** Transport

Women & Child Development

Others

# Sector wise Dash Boards

# Dashboards

## (Key information and sectoral trends)



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### Sectorial Dashboards

#### Population



#### Education



#### Annual Survey of Industry



#### Health



#### Index of Industrial Production



#### Finance

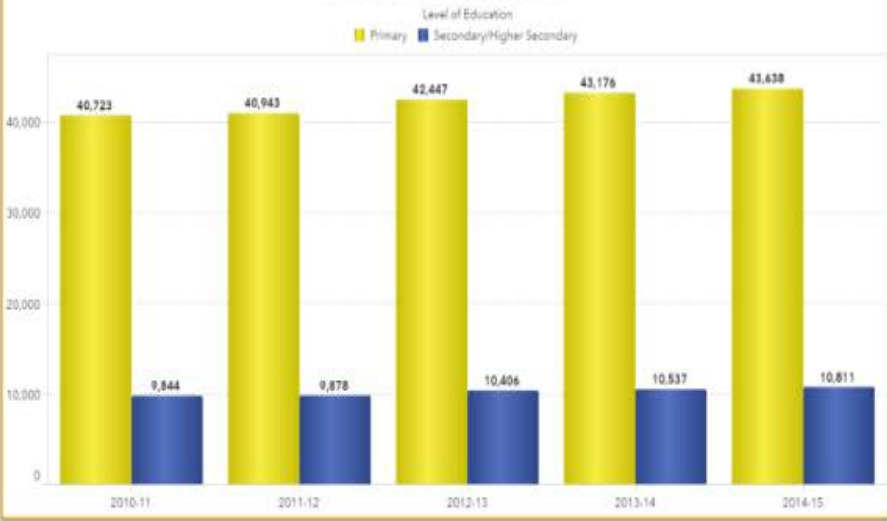




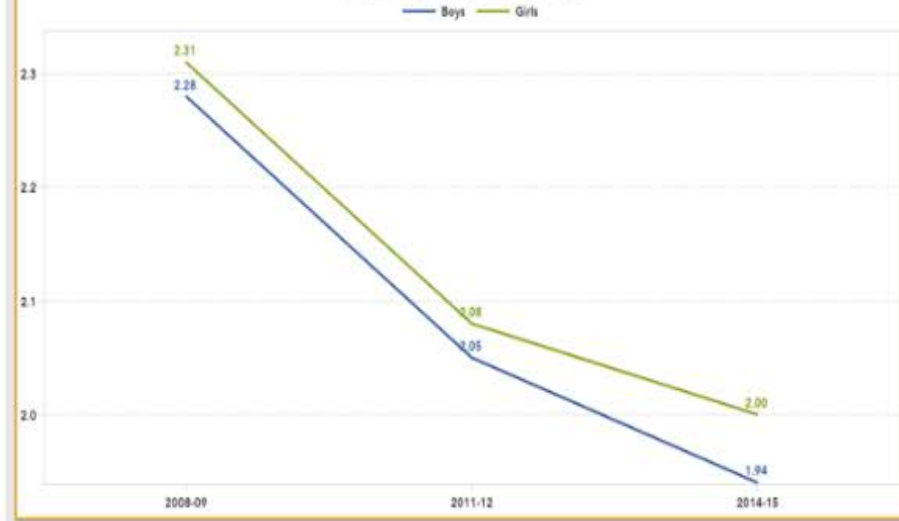
# Education

EDUCATION

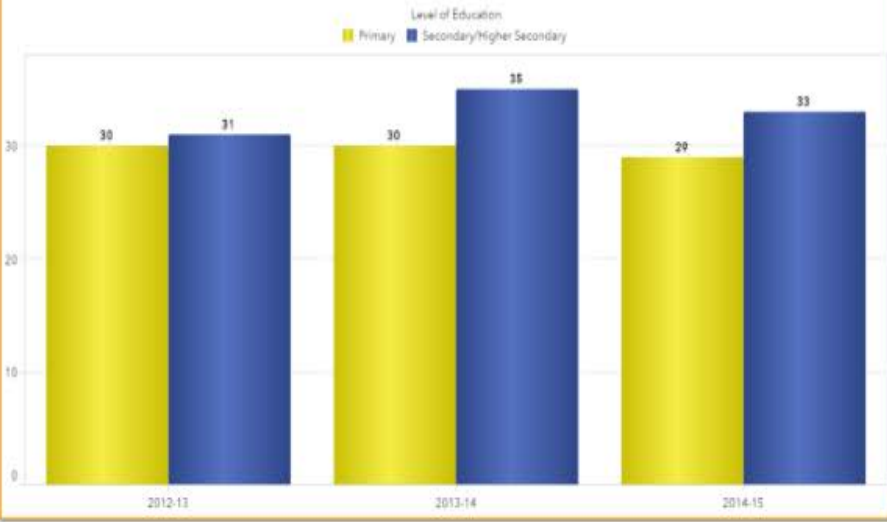
Number of Institutions in School Education



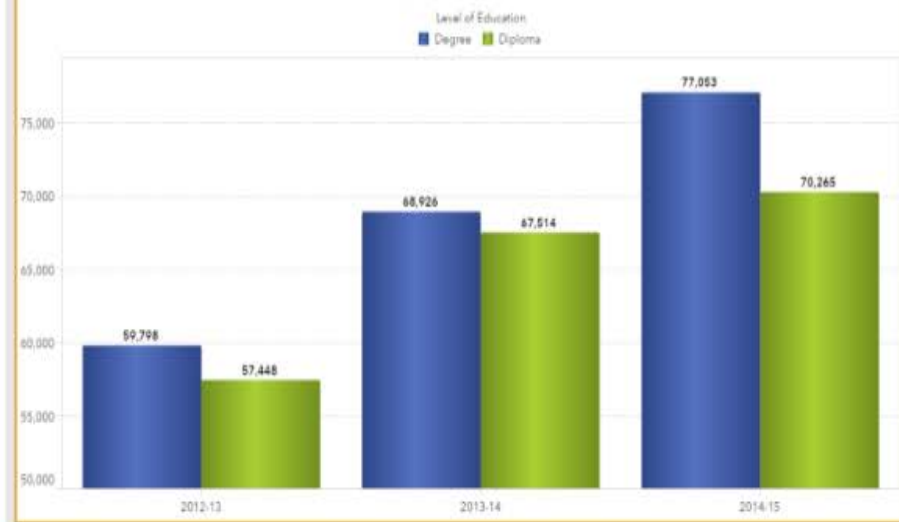
Dropout Rate in Primary Education (1 to 5)



Pupil Teacher Ratio in School Education



Intake Capacity in Technical Education

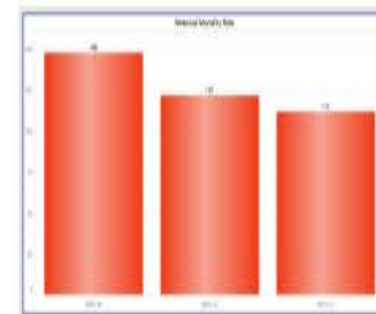
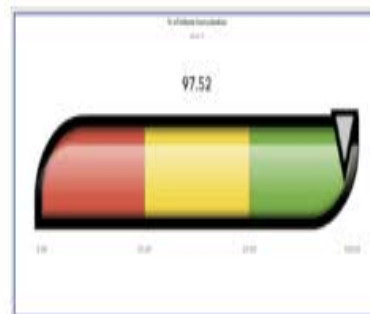
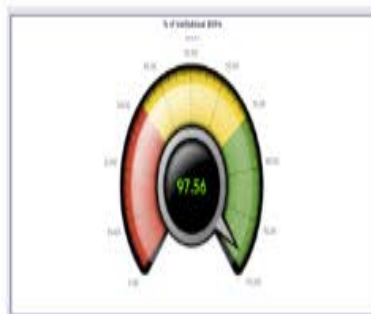
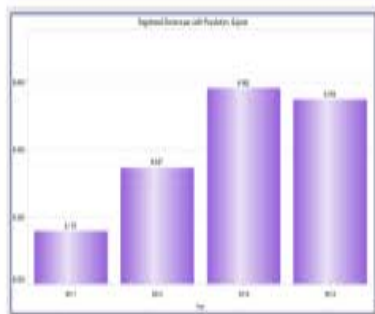
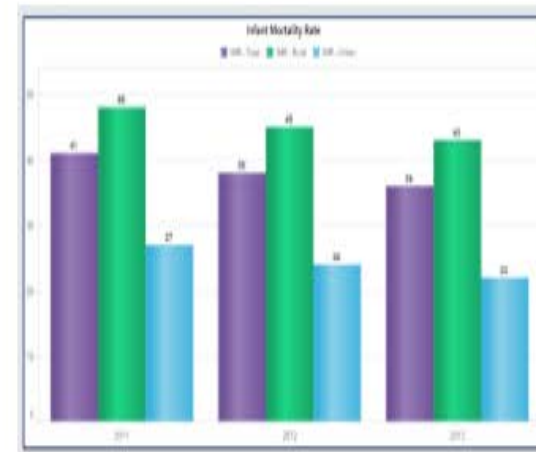
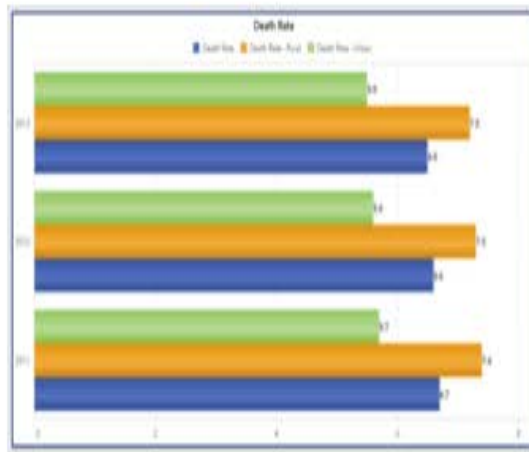
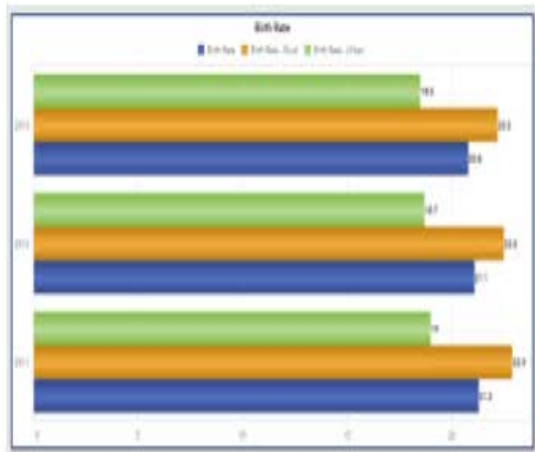


# Education

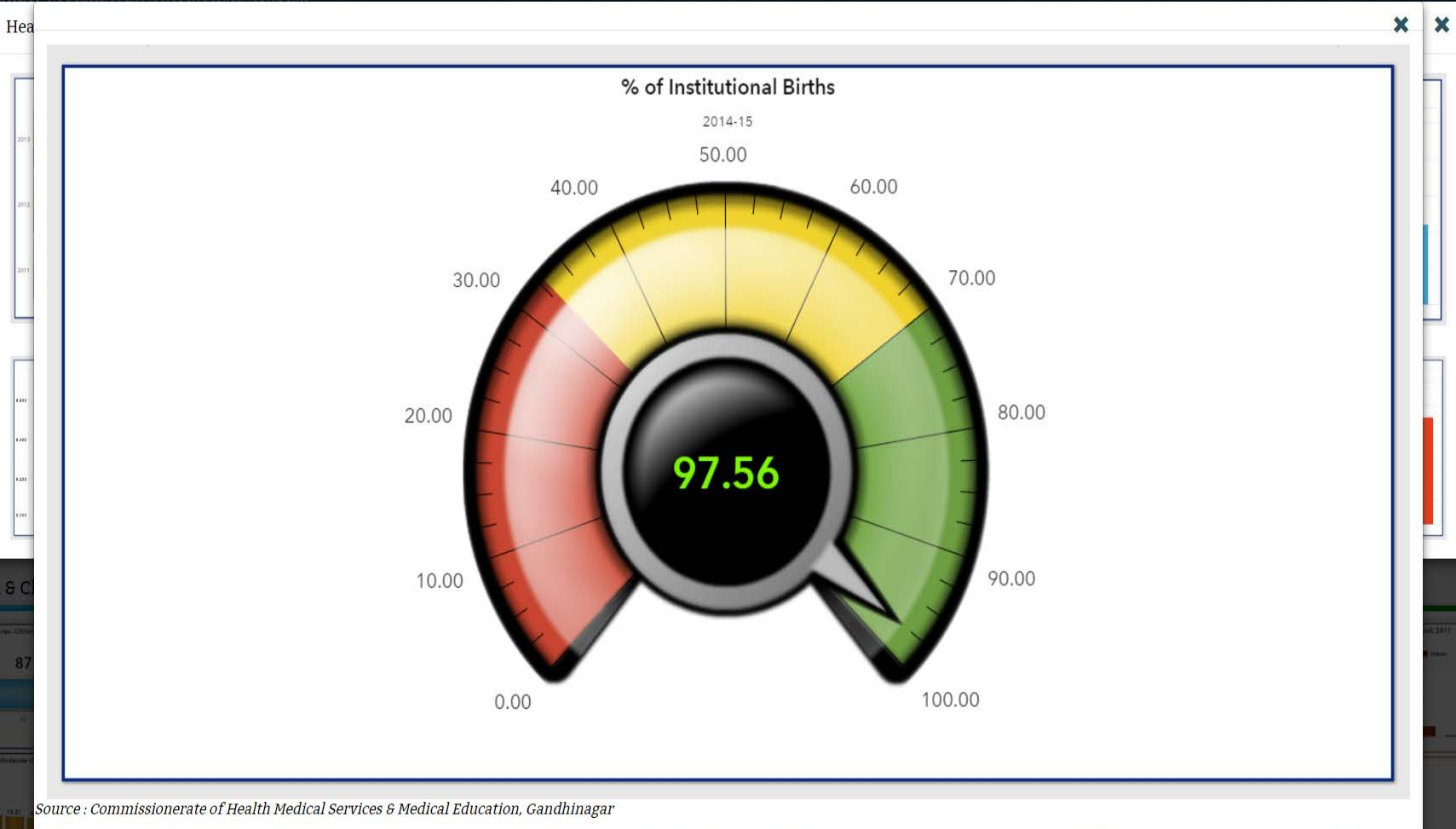


# Health

## Health



# Health



GUJARAT INTEGRATED STATISTICAL SYSTEM

Health

Women & C

Tourism

Employment

Electoral

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# Key Indicators

# Agriculture - Input Indicators



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Input Indicators ▼

All Sectors ▼

S.No.	Sector	Indicator Type	Indicator Name	Unit	Gujarat	Reference Year	Source	Last Updated
1	Agriculture and Allied	Input Indicators	Consumption of Chemical Fertilizers	000 Tonnes	1684	2014-15	Directorate of Agriculture	23/06/2016
2	Agriculture and Allied	Input Indicators	Gross Irrigated Area to Gross Cropped Area	%	46.19	2007-08	Directorate of Agriculture	23/06/2016
3	Agriculture and Allied	Input Indicators	Electricity Consumption for Agriculture purpose (% share)	GWh	21.44	2014-15	GSECL, GUVNL, Vadodara & Torrent Power, A'bad	23/06/2016
4	Banking and Insurance	Input Indicators	No of Scheduled Commercial Bank Branches	Nos	6965	2014-15	RBI, GoI	23/06/2016
5	Banking and Insurance	Input Indicators	Average Population per Commercial Bank office	Nos	8677.63	2014-15	RBI, GoI	23/06/2016
6	Demography and Economy	Input Indicators	Demographic dividend (Population in Age group 20-35)	%	28.28	2011	RGI	23/06/2016
7	Demography and	Input	% share of ST population to Total	%	14.8	2011	RGI	23/06/2016

# Agriculture - Output Indicators



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Output Indicators ▼

All Sectors ▼

S.No.	Sector	Indicator Type	Indicator Name	Unit	Gujarat	Reference Year	Source	Last Updated
1	Agriculture and Allied	Output Indicators	Value of Timber and Fuel Wood of Major Forest Produce	Rs. In '000	518225	2013-14	Forest Department	23/06/2016
2	Agriculture and Allied	Output Indicators	Cropping Intensity	%	122.64	2007-08	Directorate of Agriculture	23/06/2016
3	Agriculture and Allied	Output Indicators	Flower Production	000 Tonnes	177.63	2014-15	Directorate of Horticulture	23/06/2016
4	Agriculture and Allied	Output Indicators	Livestock population	000 nos	27397	2012	Directorate of Animal Husbandry	23/06/2016
5	Agriculture and Allied	Output Indicators	Milk Production	000 Tonnes	11690.57	2014-15	Directorate of Animal Husbandry	23/06/2016
6	Agriculture and Allied	Output Indicators	Fish Production	000 Tonnes	810	2014-15	Commissioner of Fisheries	23/06/2016
7	Agriculture and Allied	Output Indicators	Foodgrain Yield	Kg/ha	2218	2014-15	Directorate of Agriculture	23/06/2016
8	Agriculture and Allied	Output Indicators	Groundnut Yield	Kg/ha	2154	2014-15	Directorate of Agriculture	23/06/2016



# Agriculture - Outcome Indicators



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Outcome Indicators ▼

All Sectors ▼

S.No.	Sector	Indicator Type	Indicator Name	Unit	Gujarat	Reference Year	Source	Last Updated
1	Agriculture and Allied	Outcome Indicators	Share of Marine Fish Production to India's total Production	%	20.2	2013-14	M/o Agriculture	23/06/2016
2	Agriculture and Allied	Outcome Indicators	Per Capita Pulses availability (Production based)	Kg	9.26	2014-15	Directorate of Agriculture	23/06/2016
3	Agriculture and Allied	Outcome Indicators	Share of Marine Fish Production to India's total Production	%	20	2014-15	M/o Agriculture	23/06/2016
4	Agriculture and Allied	Outcome Indicators	Fish Foreign Exports	Rs. Crore	3645.23	2014-15	Commissioner of Fisheries	23/06/2016
5	Agriculture and Allied	Outcome Indicators	% Share Agriculture GSVA to India's Agriculture GVA	%	6.68	2014-15	State Income Branch, DES & CSO	23/06/2016
6	Agriculture and Allied	Outcome Indicators	Agriculture growth	%	-1.85	2014-15	State Income Branch, DES	23/06/2016
7	Agriculture and Allied	Outcome Indicators	Per Capita Cereals availability (Production based)	Kg	119.71	2014-15	Directorate of Agriculture	23/06/2016



# Reports

# Pre-defined reports of Agriculture

## ← Agriculture Sector Reports

- Agriculture**
- Irrigation
- Horticulture
- Fishery
- Animal Husbandry
- APMC

- New** Land Utilization
- New** Land Utilization - Gujarat State
- New** Land use classification
- New** Area, (In '000 Hectares) Production ('000 Tonnes) and Yield (In Kg.) per hectare of principal Agriculture Crops
- New** Area, production and average yield per hectare of important crops
- New** Based on final forecast districtwise area, production and average yield per hectare of important crops
- New** Agricultural machinery and implements as per livestock census
- New** Area Under Principal Crops
- New** Production of Principal Crops in Gujarat
- New** Yield Per Hectare of Principal Crops
- New** Consumption of Chemical Fertilisers in Gujarat State

### Research Articles

#### 01. Agriculture Dashboard

- Animal Husbandry District Wise [HTML|PDF](#)
- Cattle
- Animal Husbandry Season Wise [HTML|PDF](#)
- Cattle
- Animal Husbandry Type Wise [HTML|PDF](#)
- Cattle

# Energy

## ← District wise rural electrification progress schemes (2015)



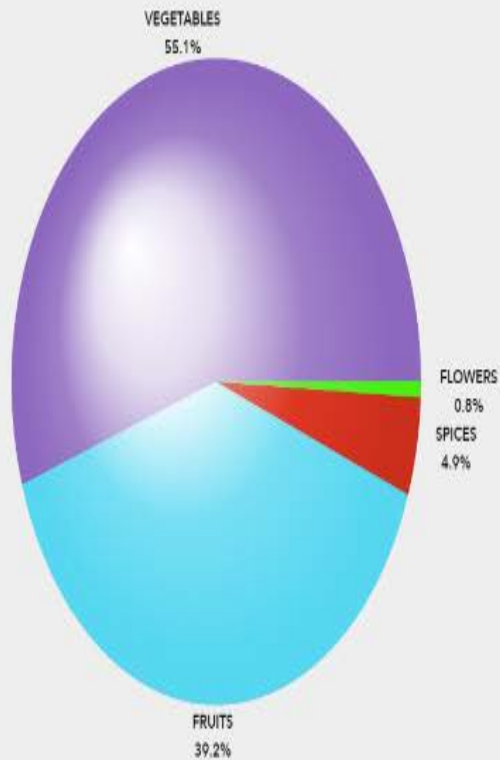
S.No	District	BPL Household Connections	Agriculture Wells Electrified	Hamlets	SC Families Benefited
1	Ahmedabad	3,256	1,726	0	547
2	Amreli	1,693	7,109	0	295
3	Anand	1,523	1,277	0	109
4	Aravali	1,240	3,642	0	243
5	Banaskantha	2,218	5,056	0	777
6	Bharuch	983	1,455	0	45
7	Bhavnagar	3,224	6,145	0	205
8	Botad	1,143	2,118	0	71
9	Chhotaudepur	321	2,774	0	0
10	Dahod	3,564	2,731	9	0

# **SAS Reports - Visual Analysis**

# Horticulture

Production of Crops

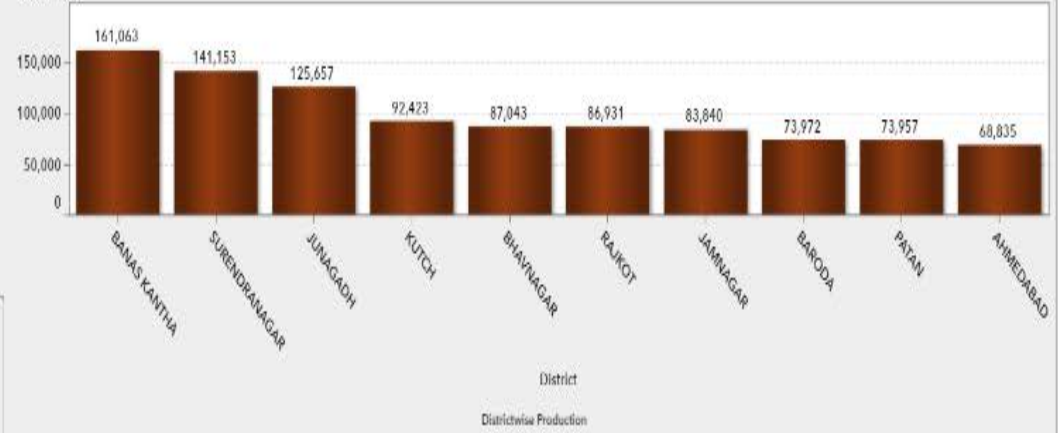
Production in M.T.



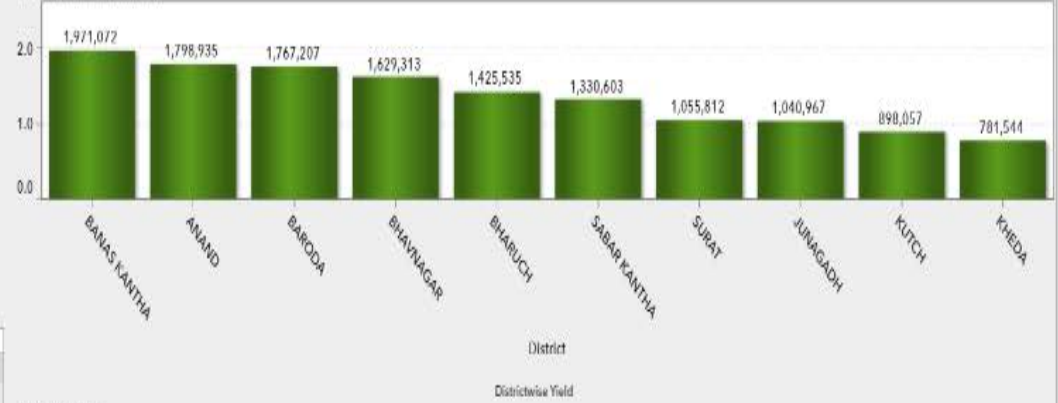
- Crop Category
- FLOWERS
  - FRUITS
  - SPICES
  - VEGETABLES

Districtwise Area

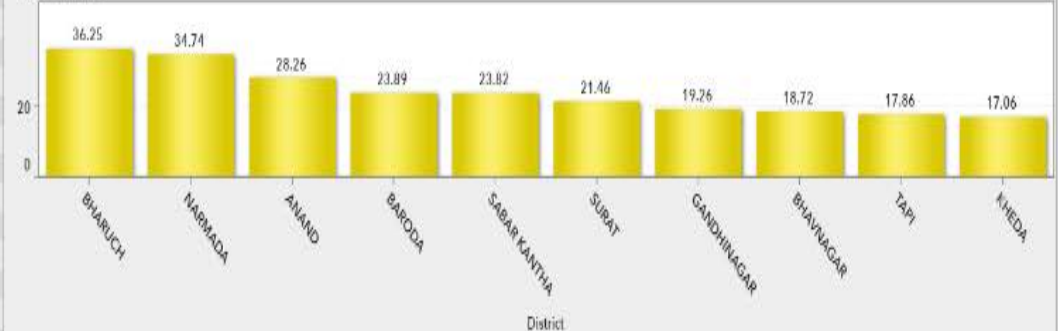
Area in Hect.



Production in M.T. (millions)



Yield in MT/Hct.

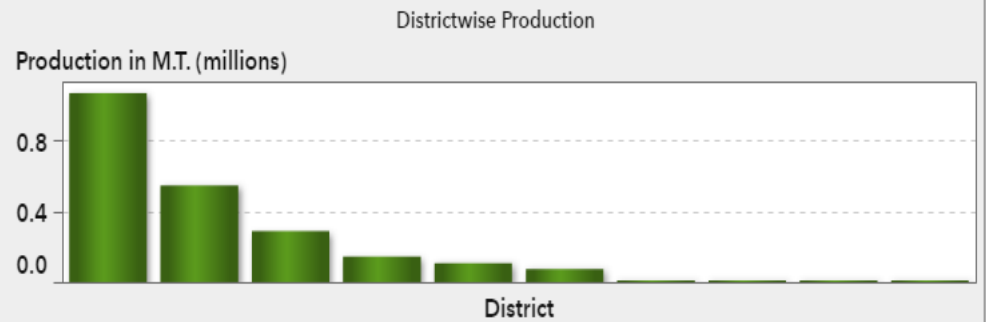
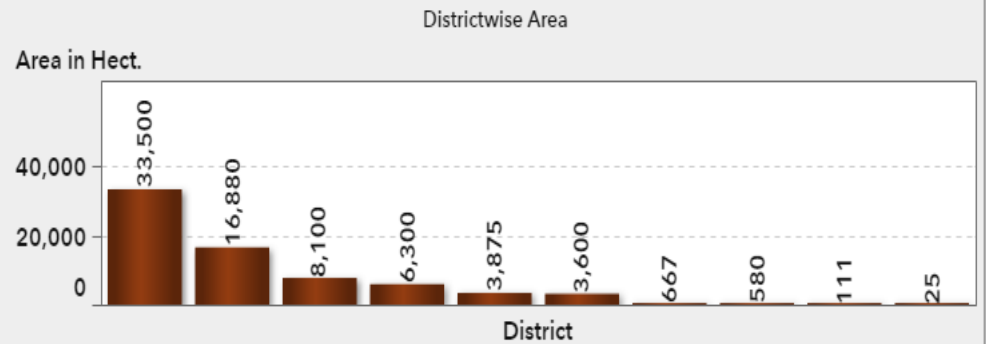
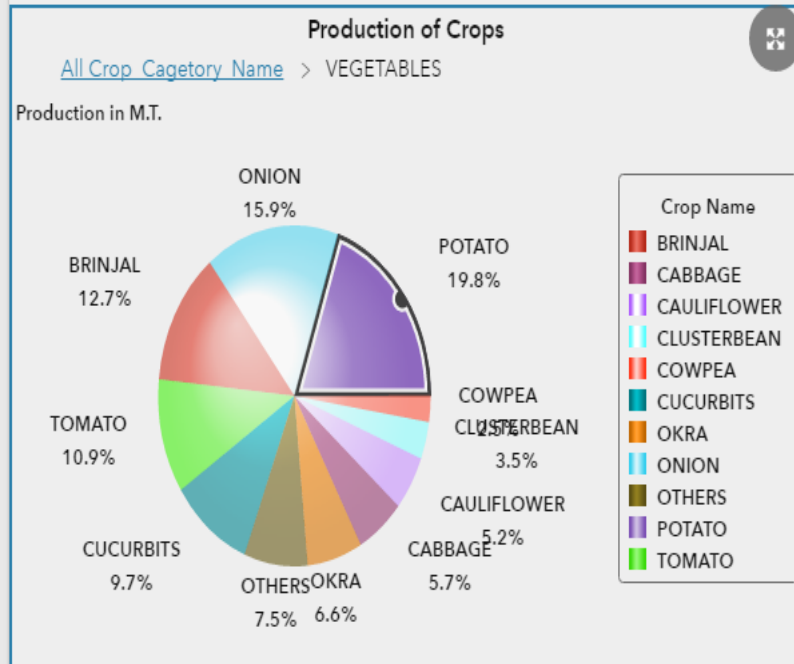


District	Area in Hect.	Production in M.T.	Yield in MT/Hct.
BANAS KANTHA	161,063	1,971,072	12.24
BARODA	73,972	1,767,207	23.89
BHAVNAGAR	87,043	1,629,313	18.72
JUNAGADH	125,657	1,040,967	8.28
KUTCH	92,423	898,057	9.72
RAJKOT	86,931	616,072	7.09
AHMEDABAD	68,835	580,807	8.44
SURENDRANAGAR	141,153	462,915	3.28
JAMNAGAR	83,840	458,153	5.46
PATAN	73,957	190,430	2.57

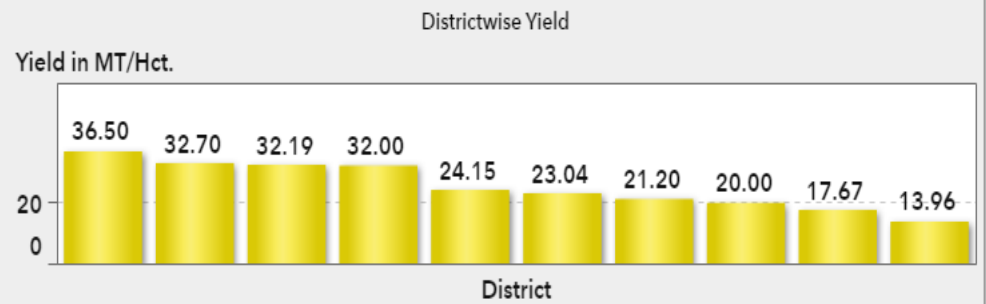


# Some Graph of Horticulture sectors

2013-14



District	Area in Hect.	Production in M.T.	Yield in MT/H
BANASKANTHA	33,500	1,072,000	31.99
SABAR KANTHA	16,880	551,961	32.70
GANDHINAGAR	8,100	295,650	36.50
MAHESANA	6,300	152,145	24.15
ANAND	3,600	115,902	32.19
KHEDA	3,875	82,159	21.20
PATAN	580	13,363	23.04







Horticulture Report - Area Production & Yield Across the Years

AHMEDABAD ▼

Crop Categories

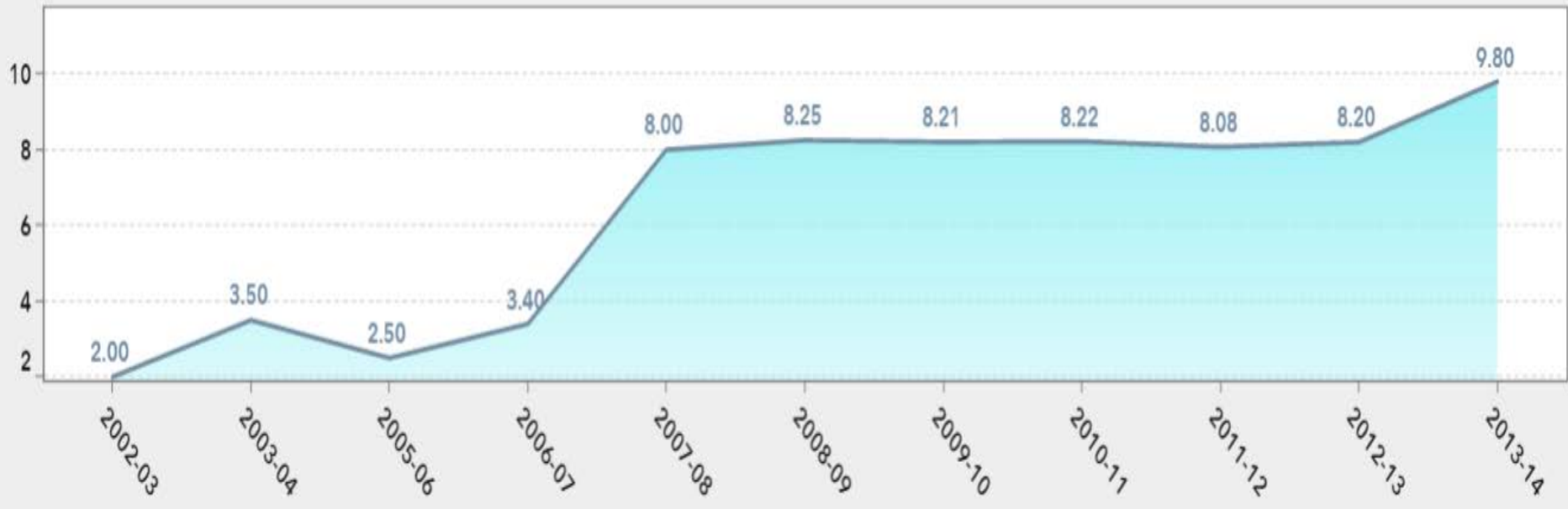
- FLOWERS
- FRUITS
- SPICES
- VEGETABLES

Crop Name

- LILY
- MARIGOLD
- MOGRA
- OTHERS
- RICE

Year ▼	2013-14			2012-13			
District ▲	Area in Hect.	Production in M.T.	Yield in MT/Hct.	Area in Hect.	Production in M.T.	Yield in MT/Hct.	Area in
AHMEDABAD	167	1,637	9.80	145	1,189	8.20	

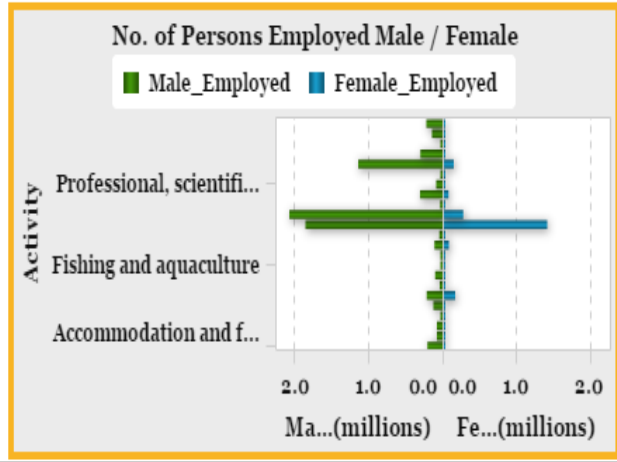
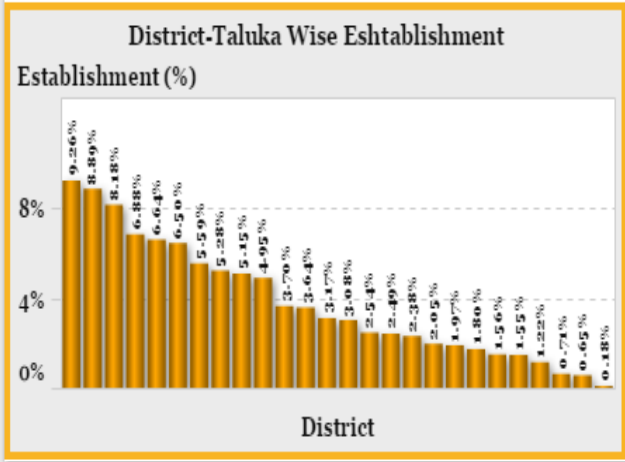
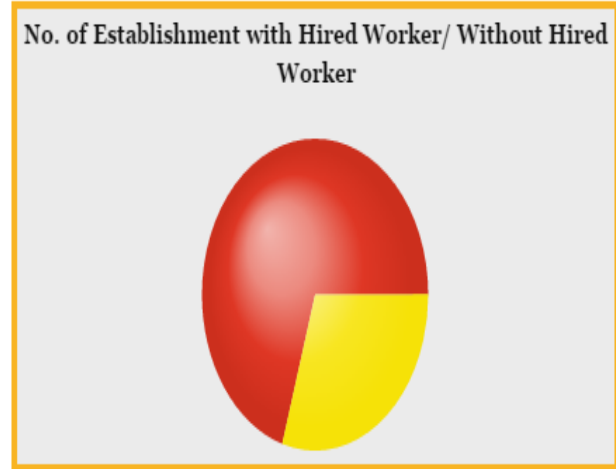
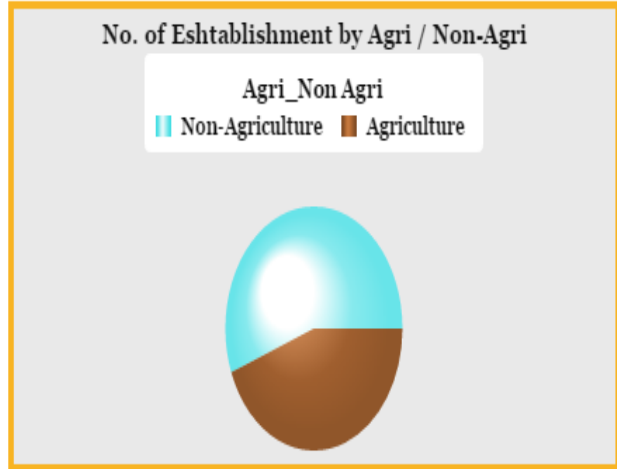
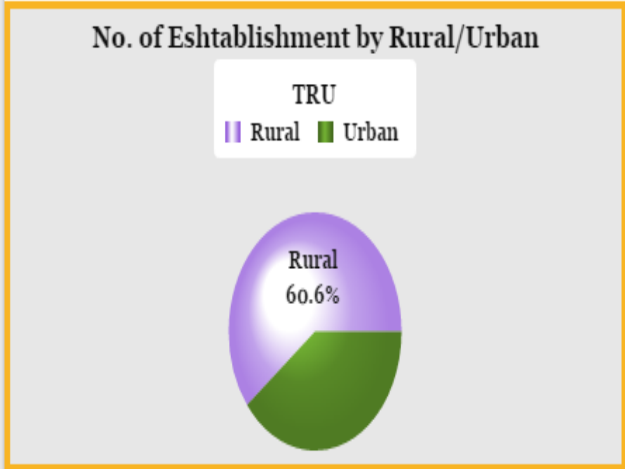
Yield (M.T/Hectare) of Horticulture Crops



# Economic Census

Eco-Census Report - 6th EC Result : A Brief Overview of No. of Establishment

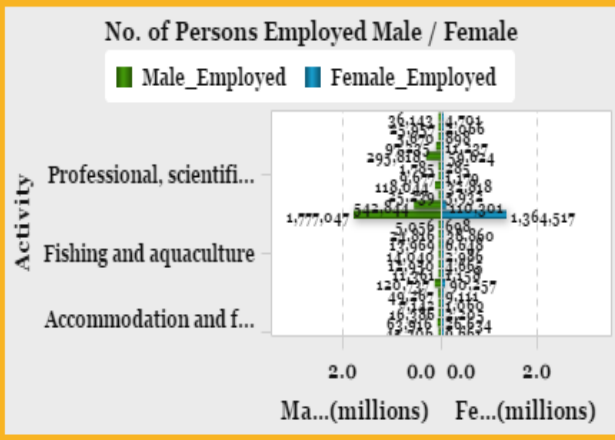
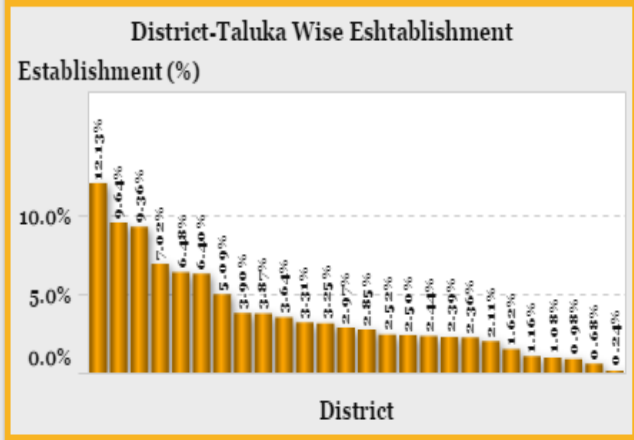
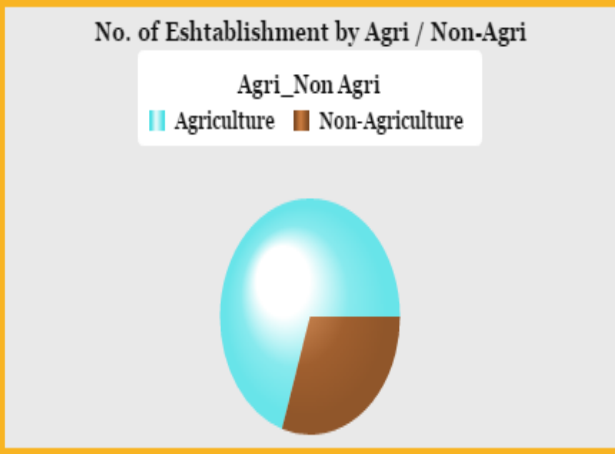
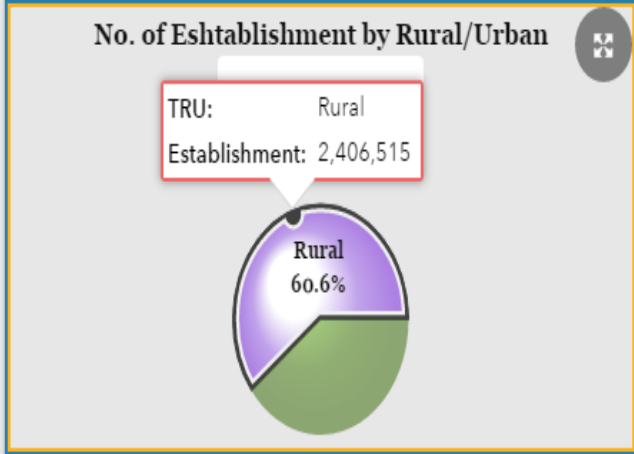
SocialGroup Ownership



District	Establishment	Employment	Male_E
<b>Total</b>	<b>3,972,928</b>	<b>9,608,243</b>	
Ahmadabad	353,015	1,012,185	
Amreli	61,588	143,634	
Anand	196,496	403,956	
Banas Kantha	324,878	655,409	
Bharuch	81,303	254,051	
Bhavnagar	273,285	550,800	
Dahad	25,851	61,855	

Eco-Census Report - 6th EC Result : A Brief Overview of No. of Establishment

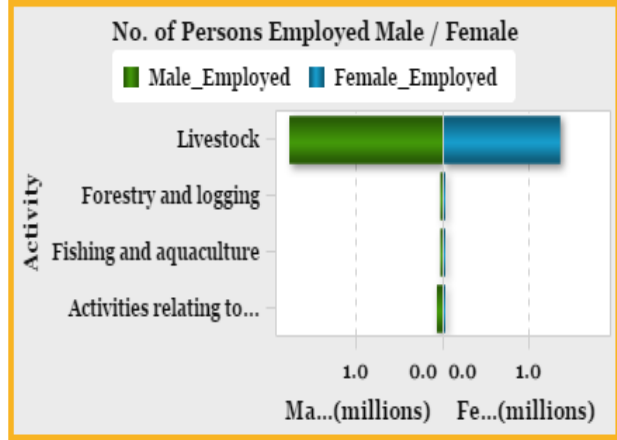
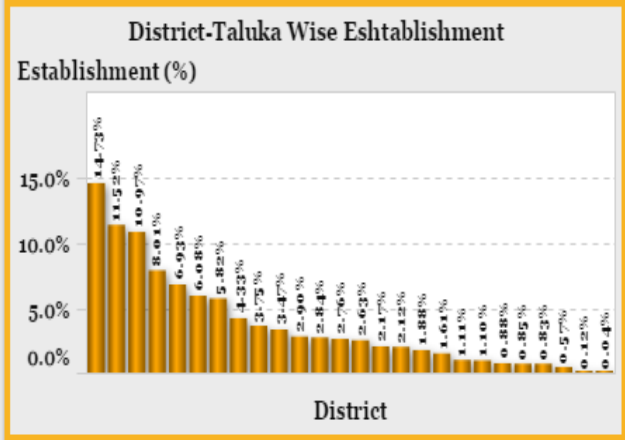
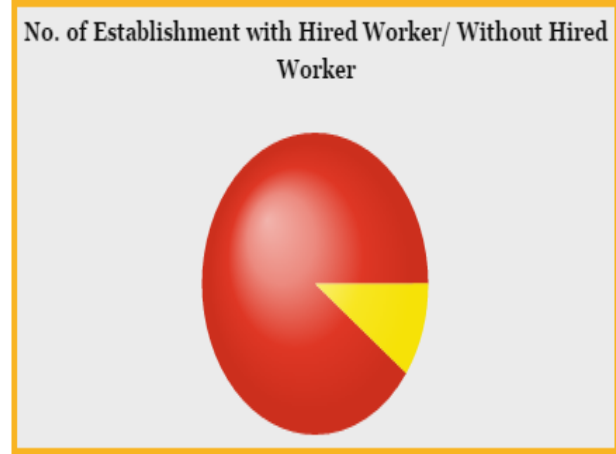
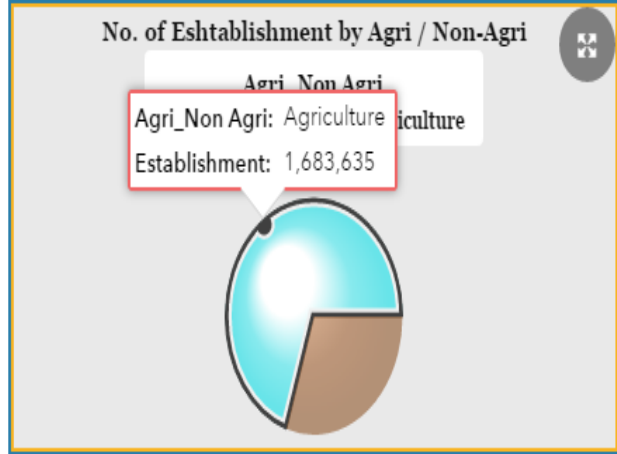
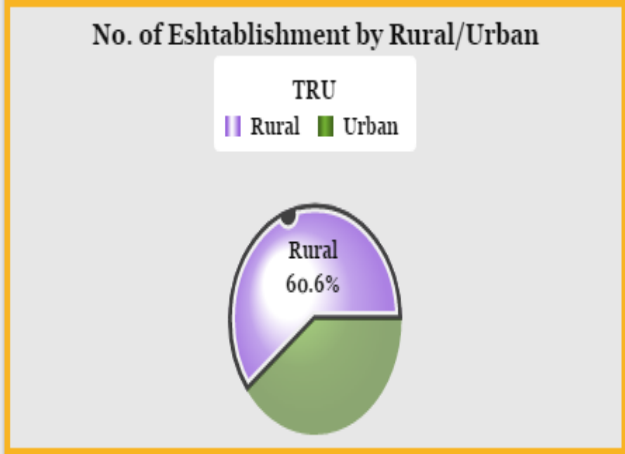
SocialGroup | Ownership



District	Establishment	Employment	Male_E...
<b>Total</b>	<b>2,406,515</b>	<b>5,107,906</b>	
Ahmadabad	57,608	148,225	
Amreli	38,928	76,438	
Anand	153,943	289,818	
Banas Kantha	291,972	581,582	
Bharuch	50,677	119,740	
Bhavnagar	155,973	285,949	
Dohad	16,248	28,704	

Eco-Census Report - 6th EC Result : A Brief Overview of No. of Establishment

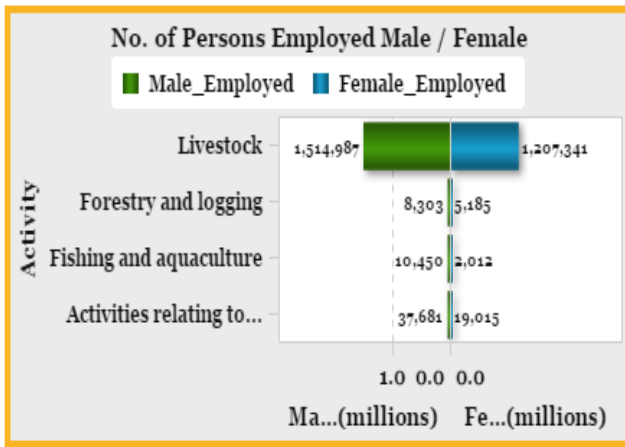
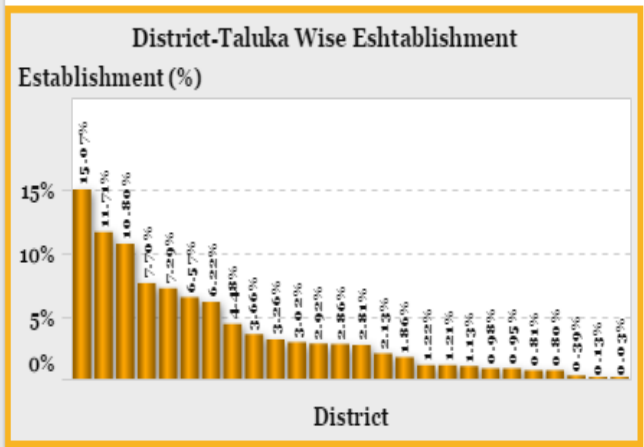
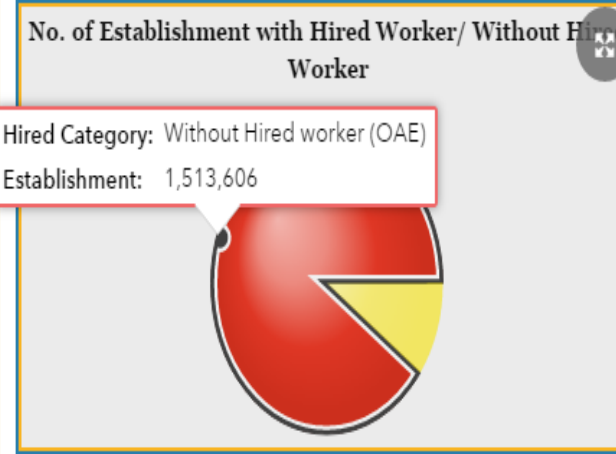
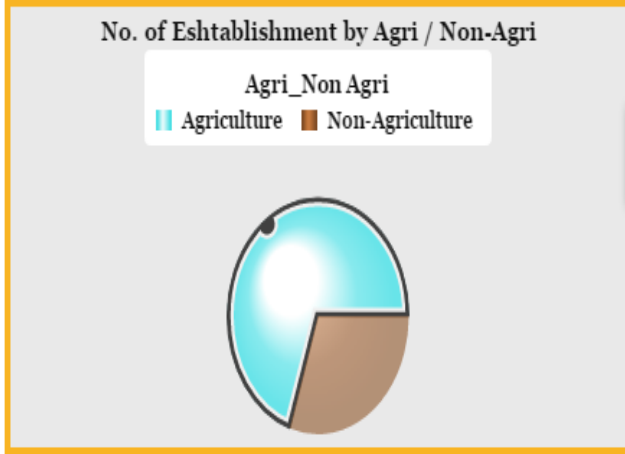
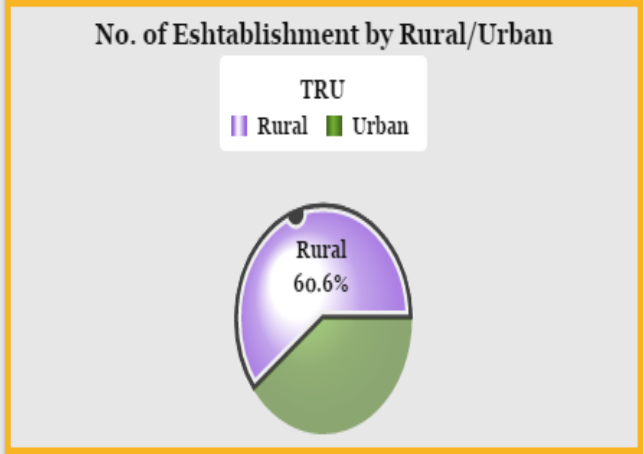
SocialGroup Ownership



District	Establishment	Employment	Male_E
<b>Total</b>	<b>1,683,635</b>	<b>3,269,757</b>	<b>1</b>
Ahmadabad	35,689	81,960	
Amreli	14,232	23,472	
Anand	116,683	212,172	
Banas Kantha	247,968	486,552	
Bharuch	27,188	49,609	
Bhavnagar	98,067	163,798	
Dahad	621	1,062	

Eco-Census Report - 6th EC Result : A Brief Overview of No. of Establishment

SocialGroup Ownership

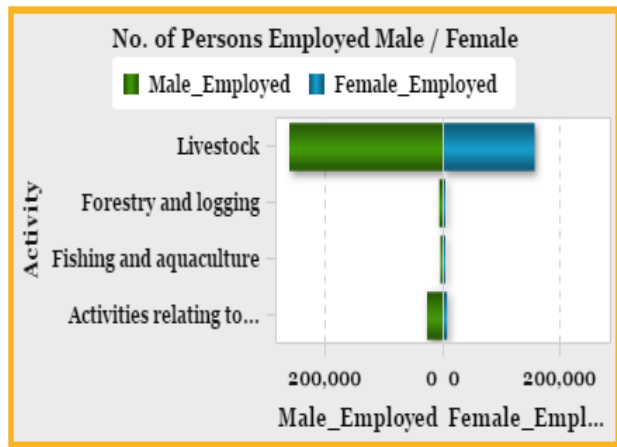
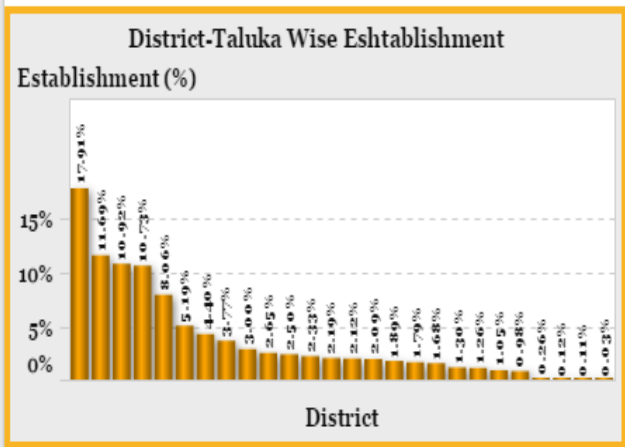
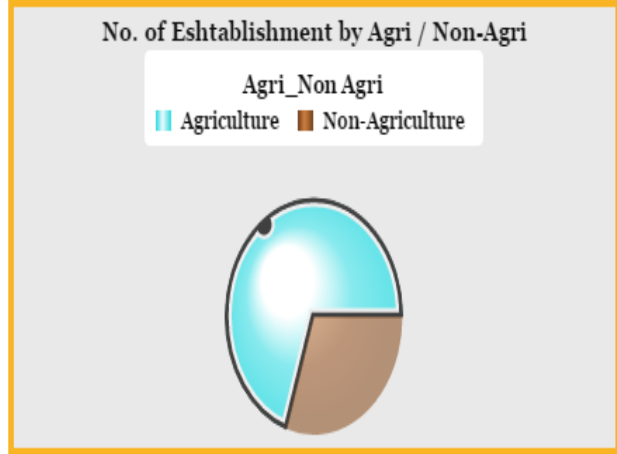
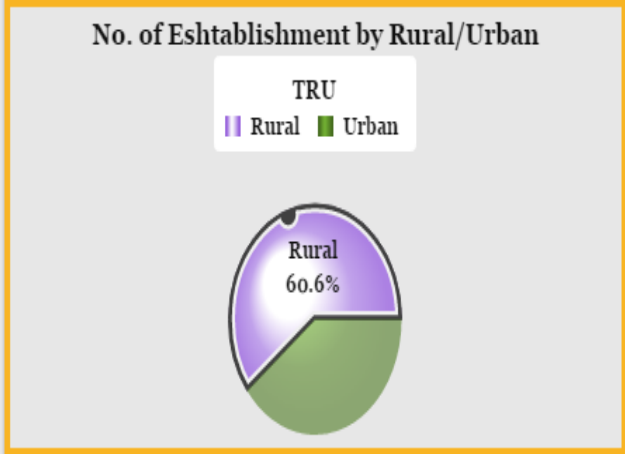


District	Establishment	Employment	Male
<b>Total</b>	<b>1,513,606</b>	<b>2,804,974</b>	
Ahmadabad	17,126	29,852	
Amreli	12,087	17,860	
Anand	110,273	193,812	
Banas Kantha	228,091	436,043	
Bharuch	18,368	27,234	
Bhavnagar	94,109	154,195	
Dahad			



Eco-Census Report - 6th EC Result : A Brief Overview of No. of Establishment

SocialGroup Ownership



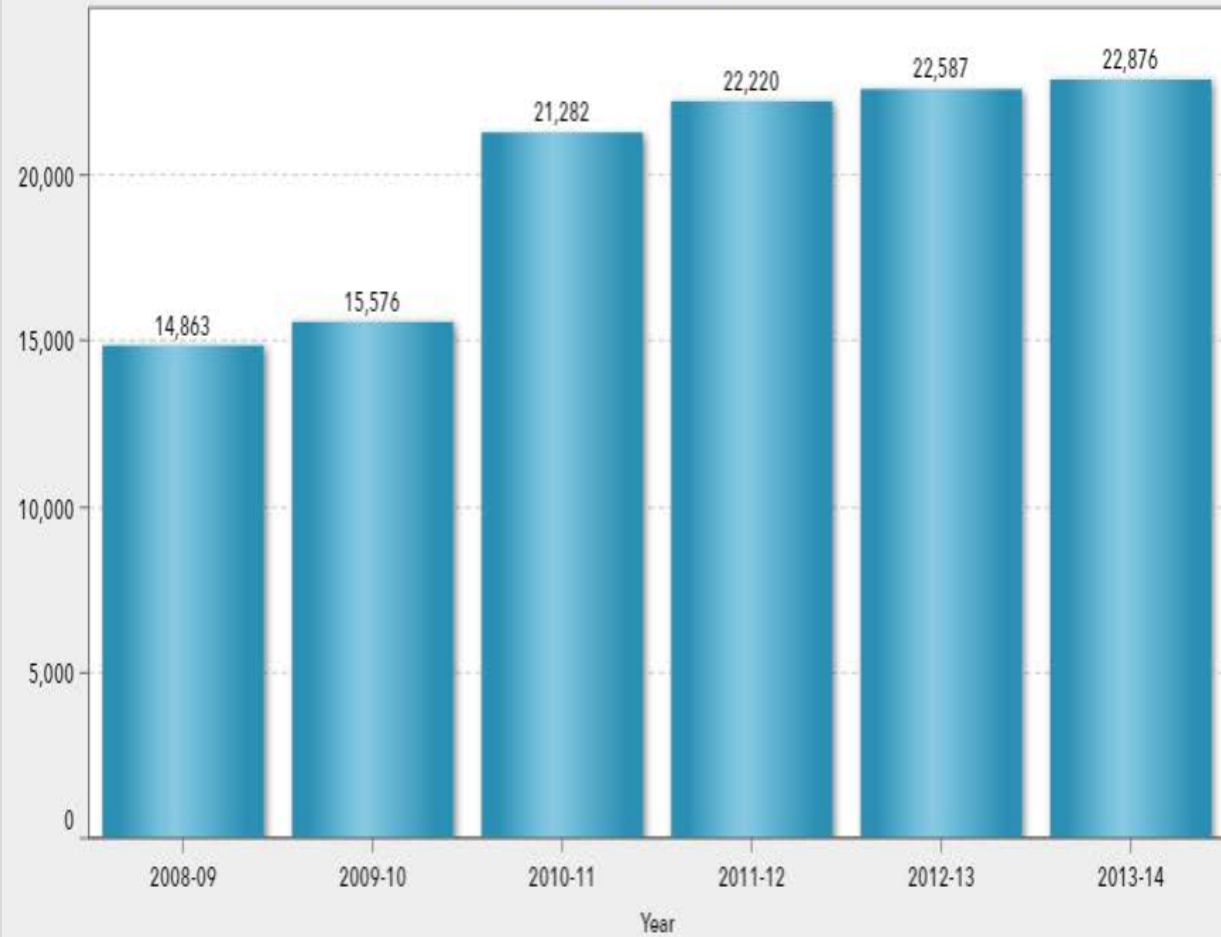
District	Establishment	Employment	Male_E
<b>Total</b>	<b>170,029</b>	<b>464,783</b>	
Ahmadabad	18,563	52,108	
Amreli	2,145	5,612	
Anand	6,410	18,360	
Banas Kantha	19,877	50,509	
Bharuch	8,820	22,375	
Bhavnagar	3,958	9,603	
Dahad	202	452	



# Industry

District ▼

Number of Factories



Factories NVA Workers Output IOR

Number of Factories :

In a span of last 5 years factories increased at a CAGR of 8.73 %.

The year 2010-11 witnessed a substantial rise of 36.63% over 2009-10.

Surat out performed Vadodara with high rise in factories and attained 2nd rank after Ahmedabad.

The districts Ahmedabad, Surat, Rajkot, Vadodara and Valsad accounts for 70 % of total factories.

Ahmedabad(23.4%) is leading district in terms of factories.

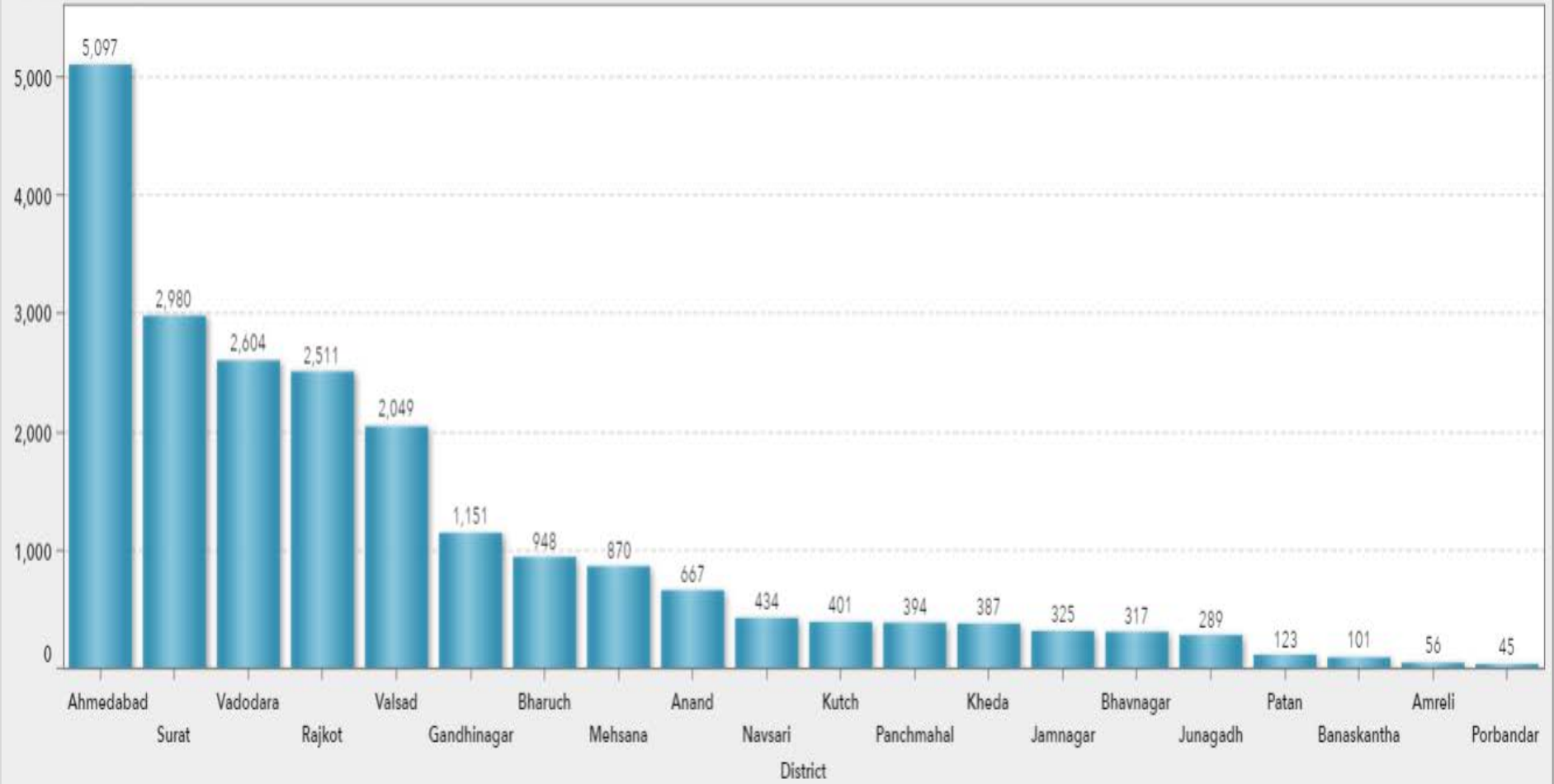
Industrial profile is more balanced in Ahmedabad as verity of industries are existing in a sizable number.

Factories NVA Workers Output IOR

2012-13

Number of Factories

Number of Factories



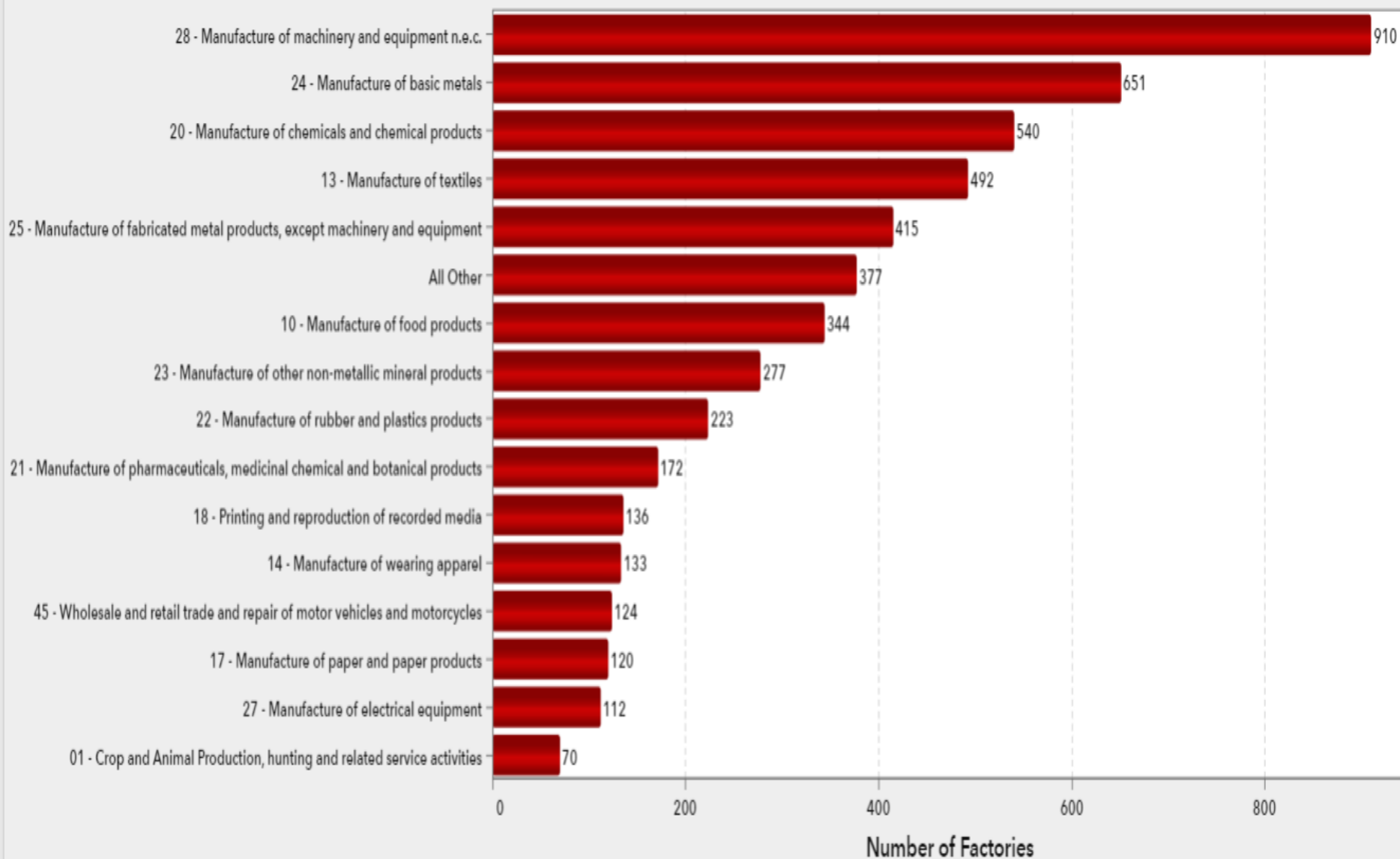
Factories NVA Workers NVA/Worker GCFC

## Industry Report - NIC Code wise Number of Factories

2012-13

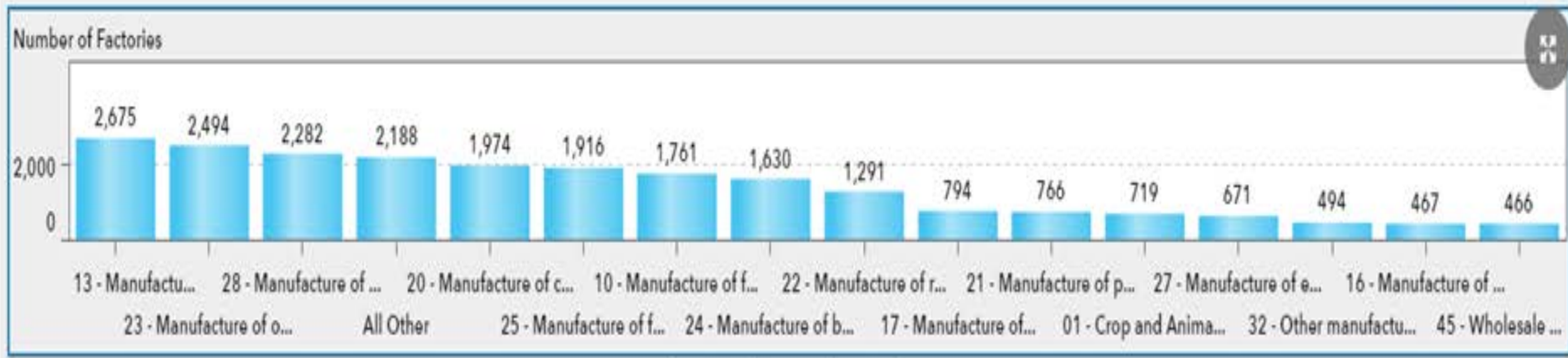
DISTRICT\_...

Close

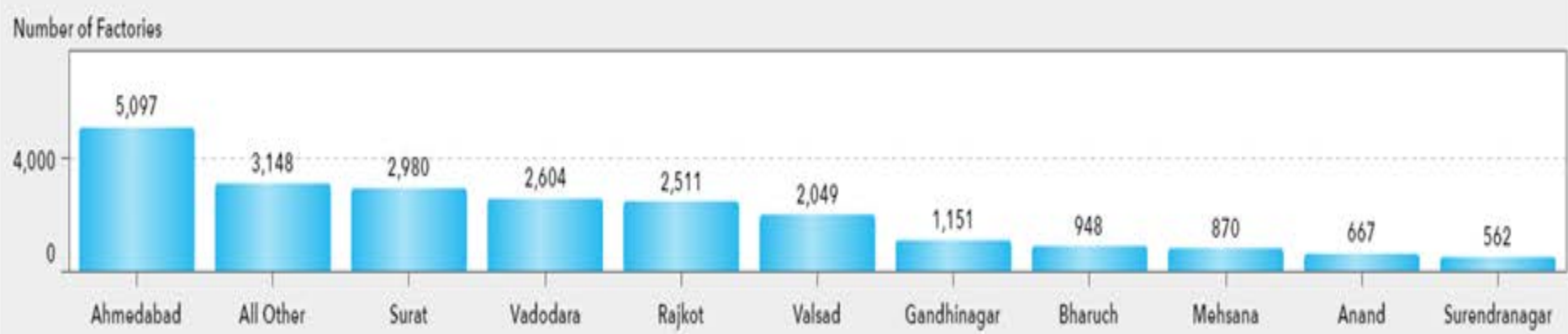


Industry Report - Nic Code wise classification

2012-13



Factories Workers NVA

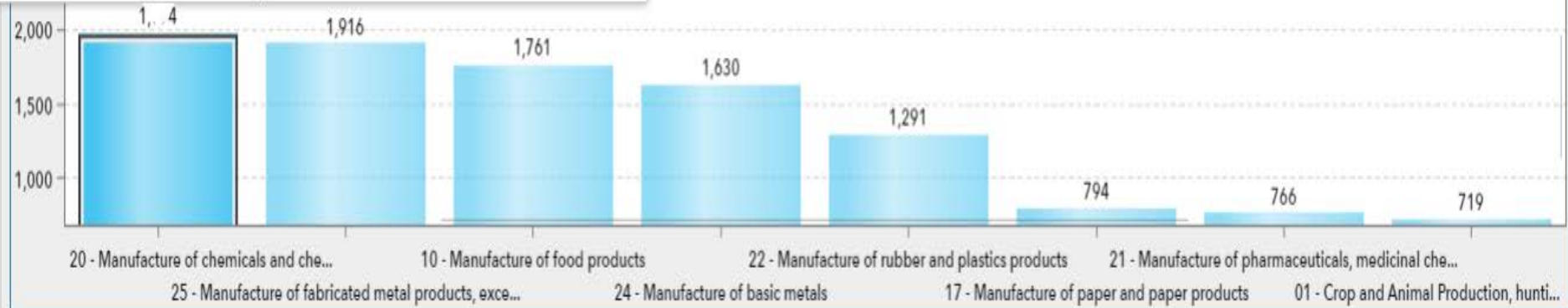


Factories Workers NVA

Industry Report - Nic Code wise classification

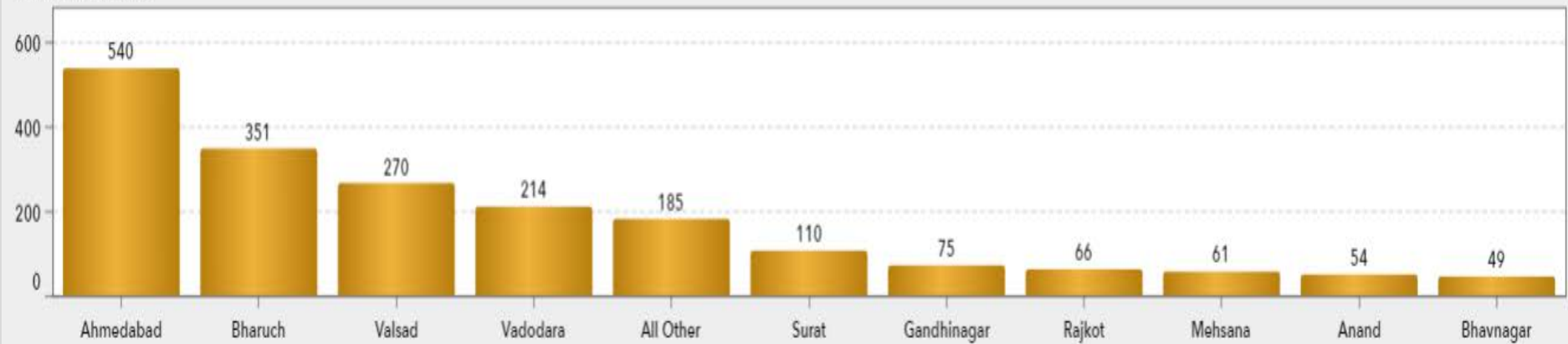
2012-13

NIC - 2: 20 - Manufacture of chemicals and chemical products  
 Number of Factories: 1,974  
 Number of Factories (Percent of Total): 8.74%



Factories Workers NVA

Number of Factories

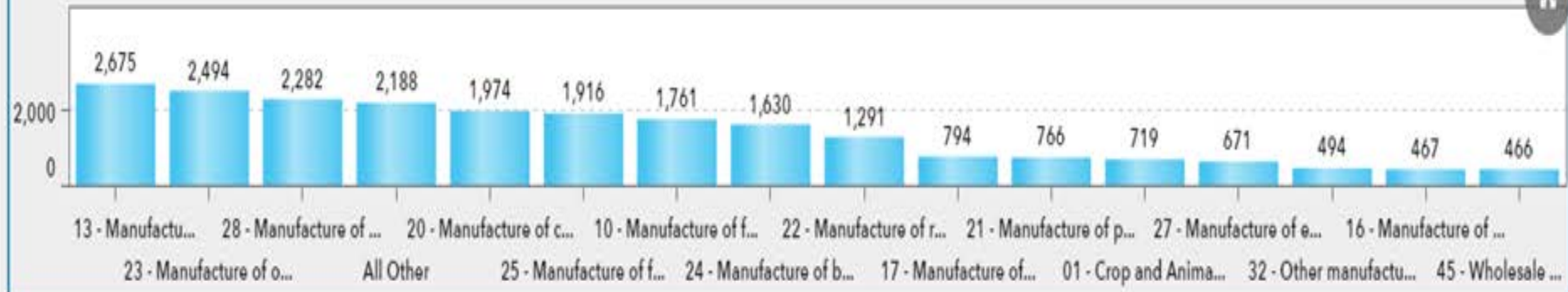


Factories Workers NVA

Industry Report - Nic Code wise classification

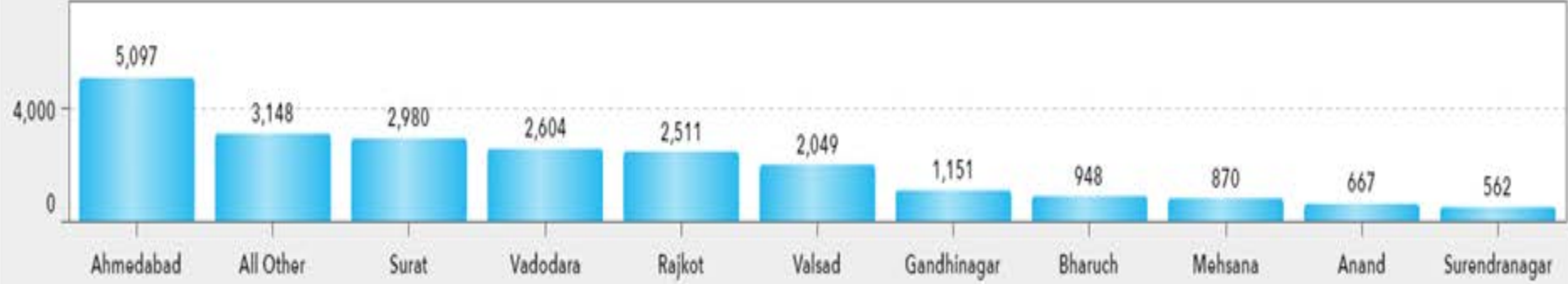
2012-13

Number of Factories



Factories Workers NVA

Number of Factories



Factories Workers NVA







# Education

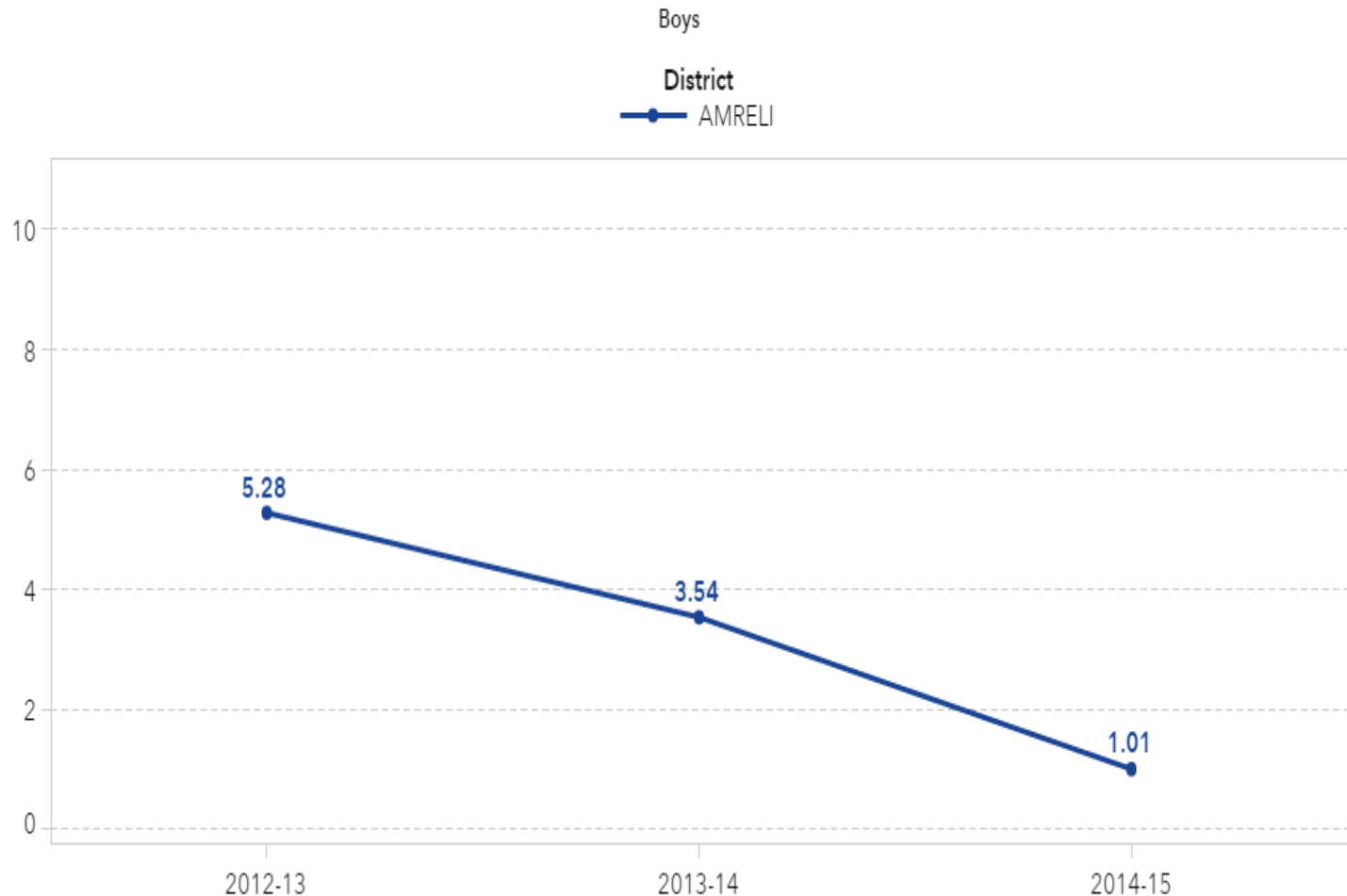


# Primary Education Dropout Rate (Boys) : Amreli

## EDUCATION REPORT - Drop Out Ratio

- AHMEDABAD
- AMRELI
- ANAND
- ARAVALLI
- BANAS KANTHA
- BHARUCH
- BHAVNAGAR
- BOTAD
- CHHOTAUDEPUR
- DEVBHOOMI DWARKA
- DOHAD
- GANDHINAGAR
- GIR SOMNATH
- JAMNAGAR

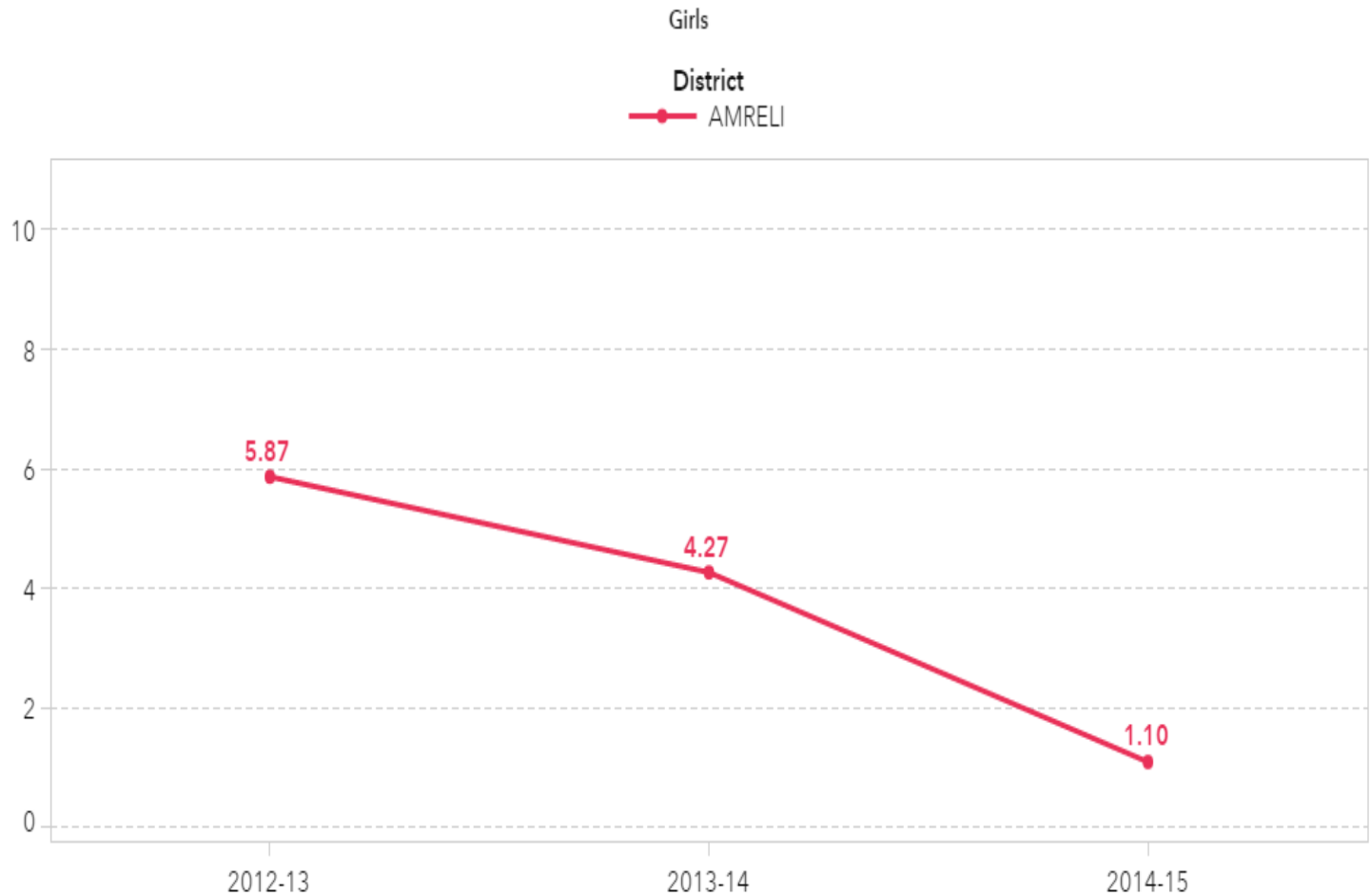
- Primary
- Primary with Upper Primary



# Primary Education Dropout Rate (Girls) : Amreli

- AHMEDABAD
- AMRELI
- ANAND
- ARAVALLI
- BANAS KANTHA
- BHARUCH
- BHAVNAGAR
- BOTAD
- CHHOTAUDEPUR
- DEVBHOOMI DWARKA
- DOHAD
- GANDHINAGAR
- GIR SOMNATH
- JAMNAGAR

- Primary
- Primary with Upper Primary



# Economic Indicators(GoI)-WPI



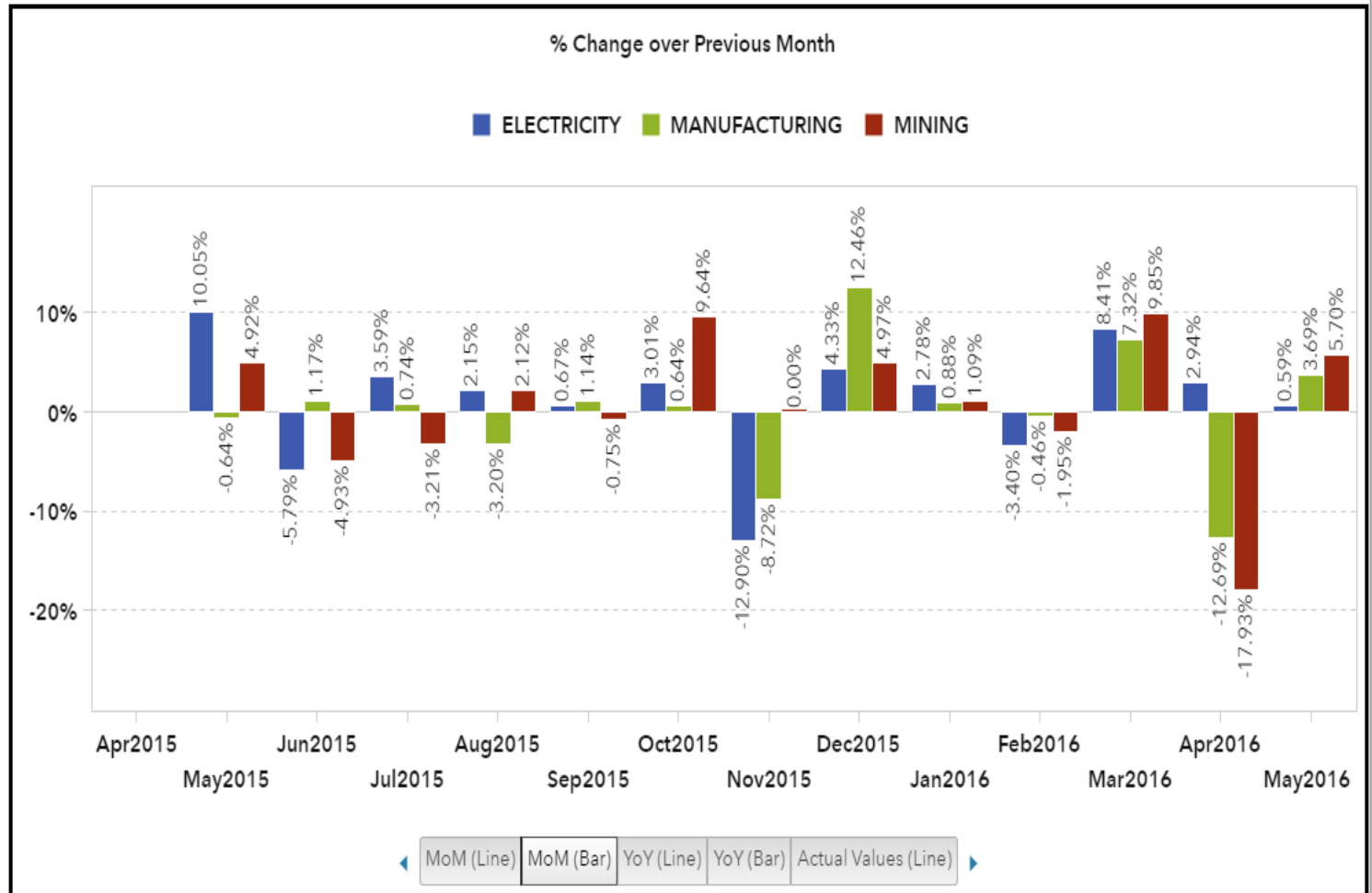
[More Information](#)

**Indicator Name**

- WPI
- CPI
- FOREIGN TRADE
- IIP
- INDEX OF CORE INDUST

**Indicator Sub Type**

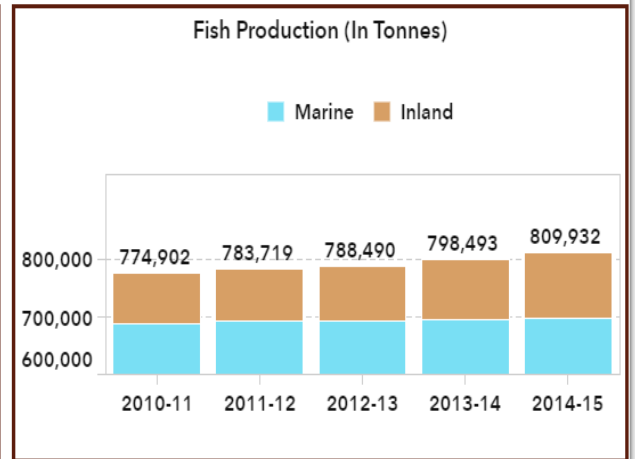
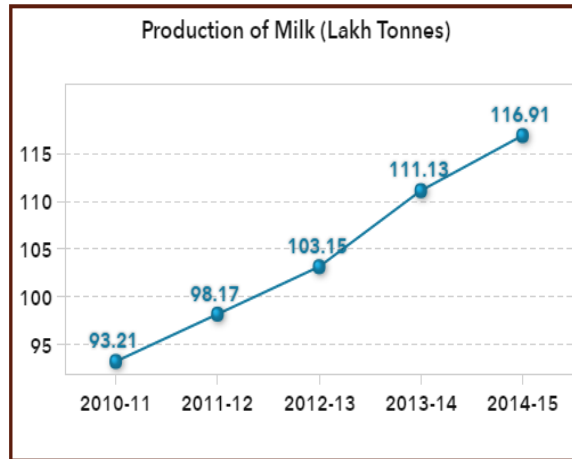
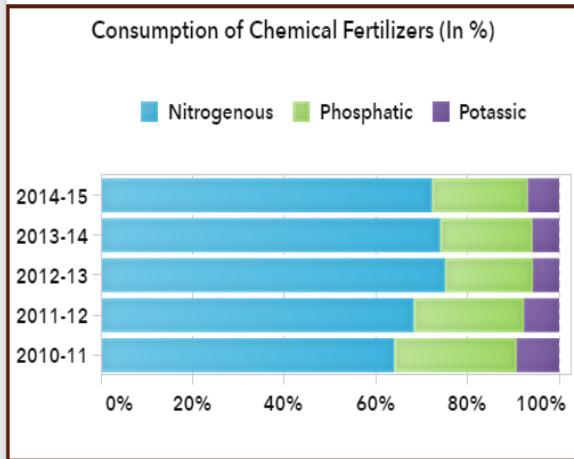
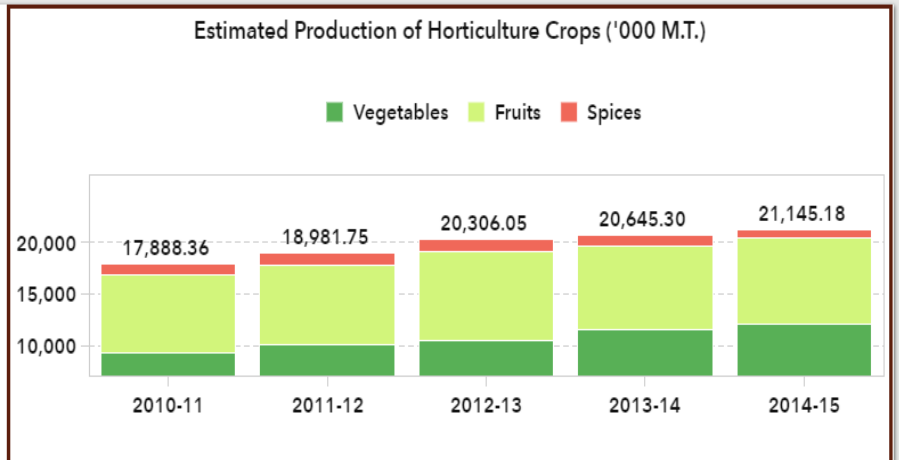
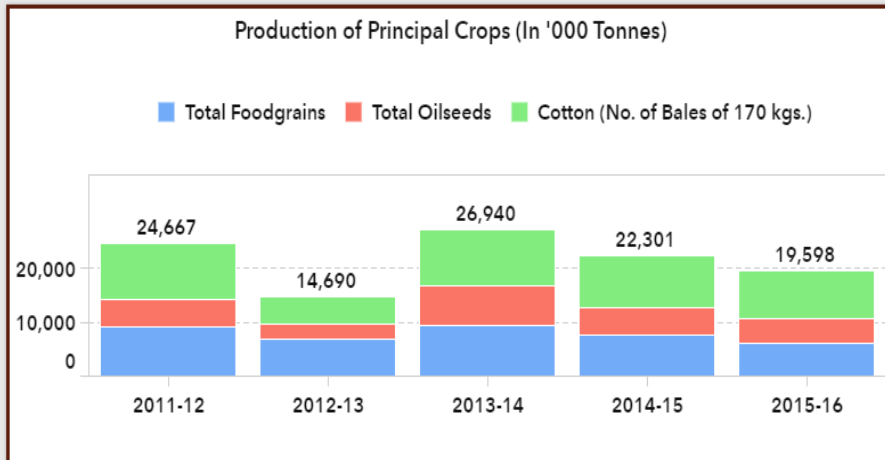
- GENERAL
- ELECTRICITY
- MANUFACTURING
- MINING



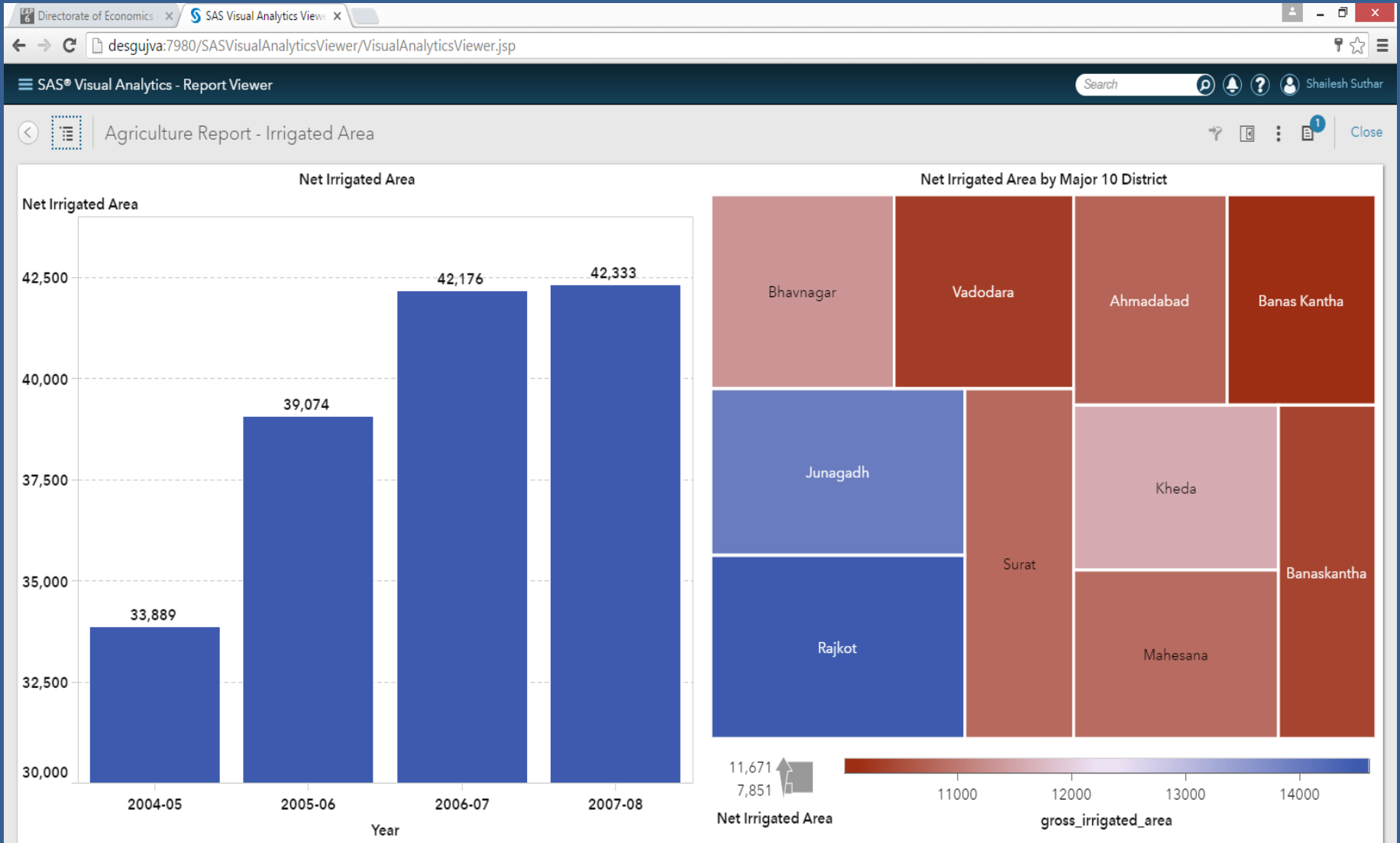
**Thank You !**

# Dashboard of various Agriculture sectors

## Agriculture Dashboard - Key Figures



# Some Graph of Agriculture sectors





# Key indicators of Agriculture sectors

Key Indicator Report x SAS Visual Analytics View x

desgujarat:8082/desgujarat/keyIndicatorReport.jsp?year=Agriculture%20and%20Allied&iType=All%20Types

**DES GUJARAT**  
INTEGRATED STATISTICAL SYSTEM

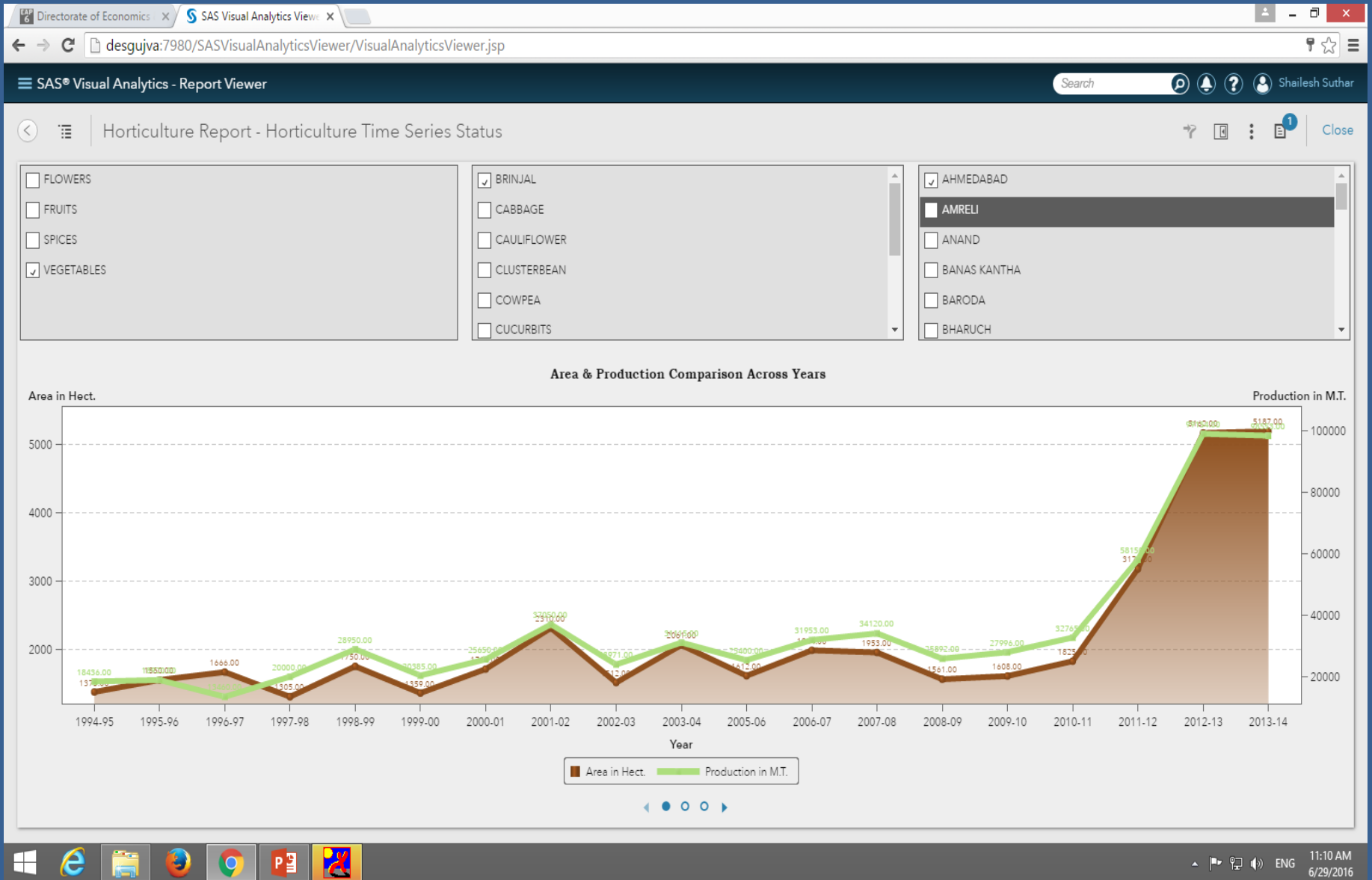
Home Dashboard SAS Login DES Gujarat Select Language

S.No.	Sector	Indicator Type	Indicator Name	Unit	Gujarat	Reference Year	Source	Last Updated
1	Agriculture and Allied	Outcome Indicators	Per Capita Milk availability	Kg	193.42	2014-15	Directorate of Animal Husbandry	23/06/2016
2	Agriculture and Allied	Outcome Indicators	Share of Marine Fish Production to India's total Production	%	20	2014-15	M/o Agriculture	23/06/2016
3	Agriculture and Allied	Outcome Indicators	Fish Foreign Exports	Rs. Crore	3645.23	2014-15	Commissioner of Fisheries	23/06/2016
4	Agriculture and Allied	Output Indicators	Cotton Yield	Kg/ha	590	2014-15	Directorate of Agriculture	23/06/2016
5	Agriculture and Allied	Output Indicators	Condiments & Spices Production	000 Tonnes	767.63	2014-15	Directorate of Horticulture	23/06/2016
6	Agriculture and Allied	Input Indicators	Consumption of Chemical Fertilizers	000 Tonnes	1684	2014-15	Directorate of Agriculture	23/06/2016
7	Agriculture and Allied	Input Indicators	Electricity Consumption for Agriculture purpose (% share)	GWh	21.44	2014-15	GSECL, GUVNL, Vadodara & Torrent Power, A'bad	23/06/2016
8	Agriculture and Allied	Output Indicators	Cropping Intensity	%	122.64	2007-08	Directorate of Agriculture	23/06/2016
9	Agriculture and Allied	Outcome Indicators	% Share Agriculture GSVA to India's Agriculture GVA	%	6.68	2014-15	State Income Branch, DES & CSO	23/06/2016
10	Agriculture and Allied	Outcome Indicators	Agriculture growth	%	-1.85	2014-15	State Income Branch, DES	23/06/2016
11	Agriculture and Allied	Output Indicators	Flower Production	000	177.63	2014-15	Directorate of Horticulture	23/06/2016

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# Some Graph of Agriculture sectors



# Some Graph of Agriculture sectors

