

Rajasthan

NOVEMBER
2011

ROYAL HERITAGE



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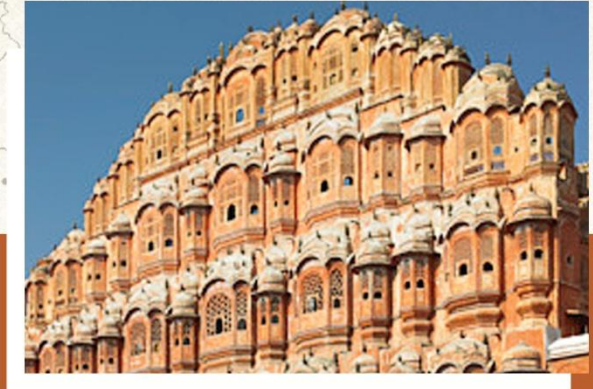
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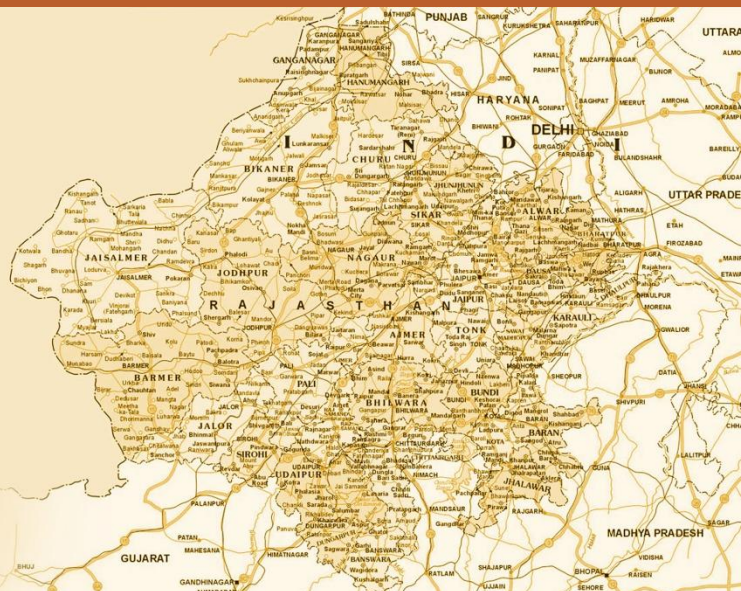
Contents

- ❖ Rajasthan – An Introduction
- ❖ Infrastructure Status
- ❖ Business Opportunities
- ❖ Doing Business in Rajasthan
- ❖ State Acts & Policies



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Rajasthan Factfile



→ Jaisalmer, Udaipur, Jodhpur, Ajmer, Bikaner, Alwar, Amber and Chittorgarh are some of the key cities and towns in the state.

→ The most commonly spoken language of the state is Hindi. Marwari, Jaipuri (Dhundhari), Mewari and Malvi are the other dialects popular in the state. English is the medium of education in most schools.

→ Rajasthan, the largest (area-wise) state in India, is located in the Northwestern part of the subcontinent. It is surrounded on the North and Northeast by the states of Punjab, Haryana, and Uttar Pradesh, on the East and Southeast by the states of Uttar Pradesh and Madhya Pradesh, and on the Southwest by the state of Gujarat.

Parameters	Rajasthan
Capital	Jaipur
Geographical area (sq km)	342,239
Administrative districts (No)	33
Population density (persons per sq km)*	201
Total population (million)*	68.6
Male population (million)*	35.6
Female population (million)*	33.0
Sex ratio (females per 1,000 males)*	926
Literacy rate (%)*	67.1

Sources: Economic Review of Rajasthan 2010-11,
Directorate of Economics and Statistics
*Provisional Data Census 2011

Rajasthan in Figures ... (1/2)

Parameter	Rajasthan	All-States	Source
Economy			
GSDP as a percentage of all states' GSDP	4.4	100	CMIE, as of 2009-10, current prices
Average GSDP growth rate (%)*	14.8	15.5	CMIE, 2004-05 to 2009-10, current prices
Per capita GSDP (US\$)	812.5	1,302.4	CMIE, as of 2009-10, current prices
Physical Infrastructure			
Installed power capacity (MW)	8,975.1	173,626.4	Central Electricity Authority, as of March 2011
GSM cellular subscribers (No)	31,495,102	618,284,322	Cellular Operators Association of India, as of September 2011
Broadband subscribers (No)	333,165	10,737,850	Ministry of Communications & Information Technology, as of November 2010
National Highways length (km)	5,585	70,934	Ministry of Road Transport & Highways, Annual Report 2010-11
Airports (No)	6	133	Airport Authority of India

* Calculated in Indian Rupee Terms

Rajasthan in Figures ... (2/2)

Parameter	Rajasthan	All-States	Source
Social Indicators			
Literacy rate (%)	67.1	74.0	Provisional Data – Census 2011
Birth rate (per 1,000 population)	27.2	22.5	SRS Bulletin, 2009
Investments			
FDI equity inflows (US\$ billion)	0.5	132.9	Department of Industrial Policy & Promotion, April 2000 to April 2011
Outstanding investments (US\$ billion)	197.5	7,449.3	CMIE (2009-10)
Industrial Infrastructure			
PPP projects (No)	61	808	www.pppindiadatabase.com
SEZs (No)	9	380	Notified as of October 2011, www.sezindia.nic.in

PPP: Public Private Partnership, SEZ: Special Economic Zone, SRS: Sample Registration System

Advantage Rajasthan ... (1/2)

Easy Access to Largest Consumer Markets

Rajasthan touches six major states of the Northern, Western and Central India. It is a natural corridor between the wealthy Northern and the prosperous Western states of the country, which makes it an important trade and commerce centre.

Facilitating Infrastructure

Rajasthan has well-developed social, physical and industrial infrastructure as well as good virtual connectivity. The state is developing sector-specific infrastructure such as special purpose industrial parks and special economic zones for exports of handicrafts, IT and electronic goods.

Conducive Environment for Industrial Growth

Rajasthan has favourable industrial-relations environment. In addition, the law situation in the state ensures good working environment.

Unique Tourist Attractions

Rajasthan's rugged forts, beautiful palaces, picturesque Thar Desert, bird sanctuaries and national parks, lively fairs and festivals, lakes and mountains, fascinating handicrafts and colourful culture make the state an attractive destination for domestic and foreign tourists.

Advantage Rajasthan ... (2/2)

Basket of Unexploited Resources

Rajasthan offers a variety of unexploited agricultural and mineral resources, which is indicative of scope for value addition and exports.

Competent Talent Pool

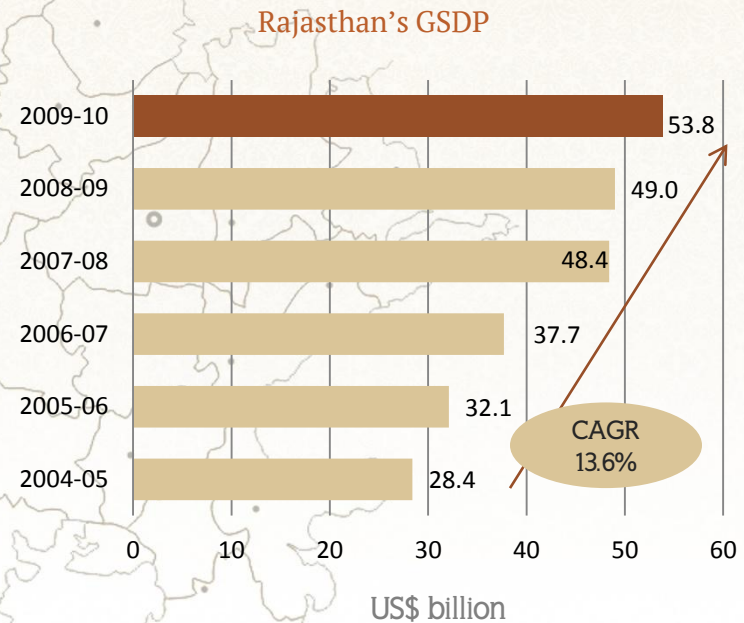
Rajasthan has been investing in capacity building through development of a strong institutional network at all levels. The state has renowned higher educational institutions in various disciplines, producing thousands of skilled and proficient youth every year.

Policy and Fiscal Incentives

The state offers a wide range of fiscal and policy incentives for businesses, through sector-specific policies for tourism, biotechnology, IT and ITeS industries.

Economic Snapshot – GSDP

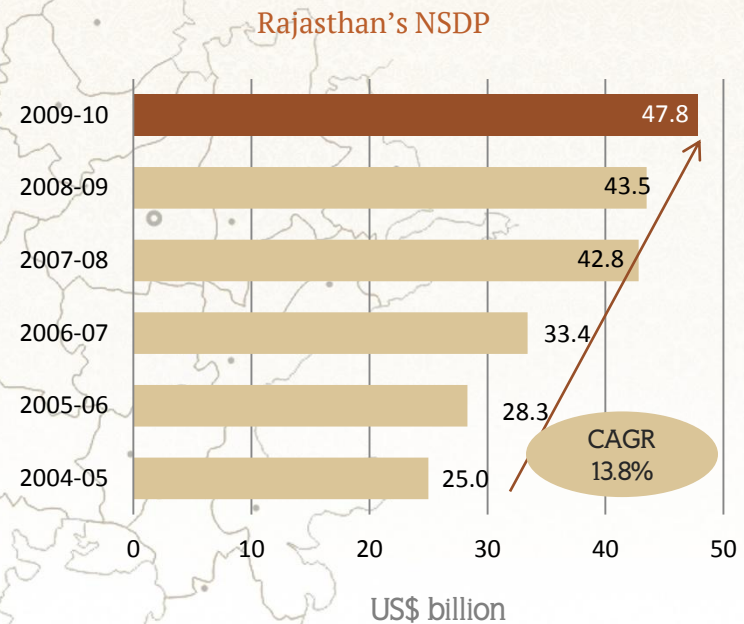
- At current prices, the Gross State Domestic Product (GSDP) of Rajasthan was about US\$ 53.8 billion in 2009-10.
- The average annual GSDP growth rate, from 2004-05 to 2009-10, was about 13.6 per cent.



Source: CMIE

Economic Snapshot – NSDP

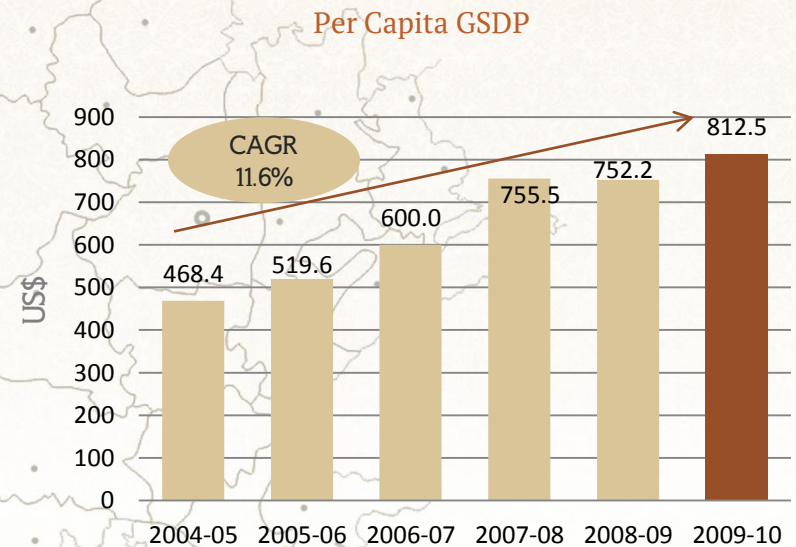
- At current prices, the Net State Domestic Product (NSDP) of Rajasthan was about US\$ 47.8 billion in 2009-10.
- The average annual NSDP growth rate from 2004-05 to 2009-10 was about 13.8 per cent.



Source: CMIE

Economic Snapshot – Per Capita GSDP

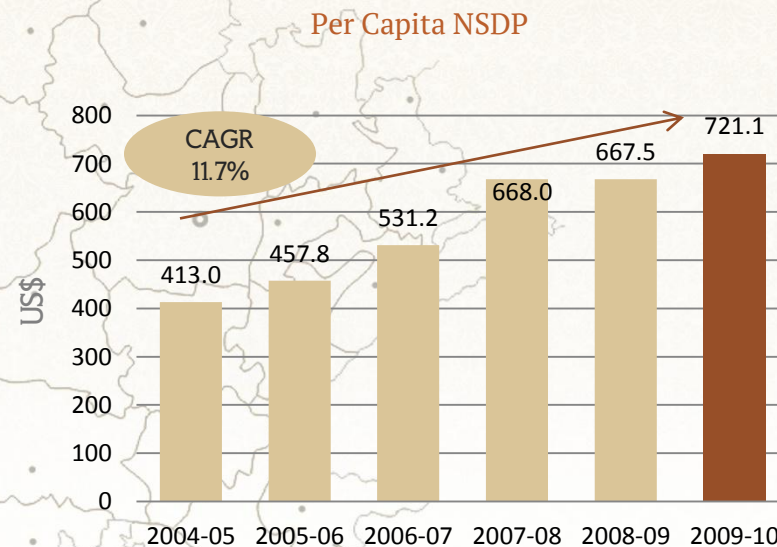
- In 2009-10, Rajasthan's per capita GSDP at current prices was US\$ 812.5 as compared to US\$ 468.4 in 2004-05.
- The per capita GSDP increased at a CAGR (Compound Annual Growth Rate) of 11.6 per cent between 2004-05 and 2009-10.



Source: CMIE

Economic Snapshot – Per Capita NSDP

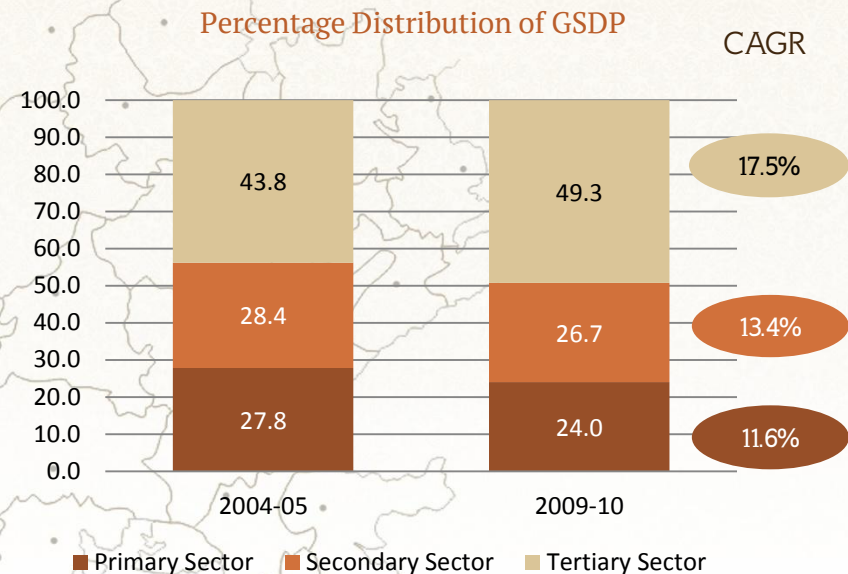
- In 2009-10, Rajasthan's per capita NSDP at current prices was US\$ 721.1 as compared to US\$ 413.0 in 2004-05.
- The per capita NSDP increased at a CAGR of 11.7 per cent between 2004-05 and 2009-10.



Source: CMIE

Economic Snapshot – Percentage Distribution of GSDP

- In 2009-10, the tertiary sector contributed 49.3 per cent to the state's GSDP at current prices, followed by secondary sector (26.7 per cent) and primary sector (24.0 per cent).
- At a CAGR of 17.5 per cent, the tertiary sector has been the fastest growing among the three sectors from 2004-05 to 2009-10.
- The secondary sector grew at a CAGR of 13.4 per cent between 2004-05 and 2009-10.

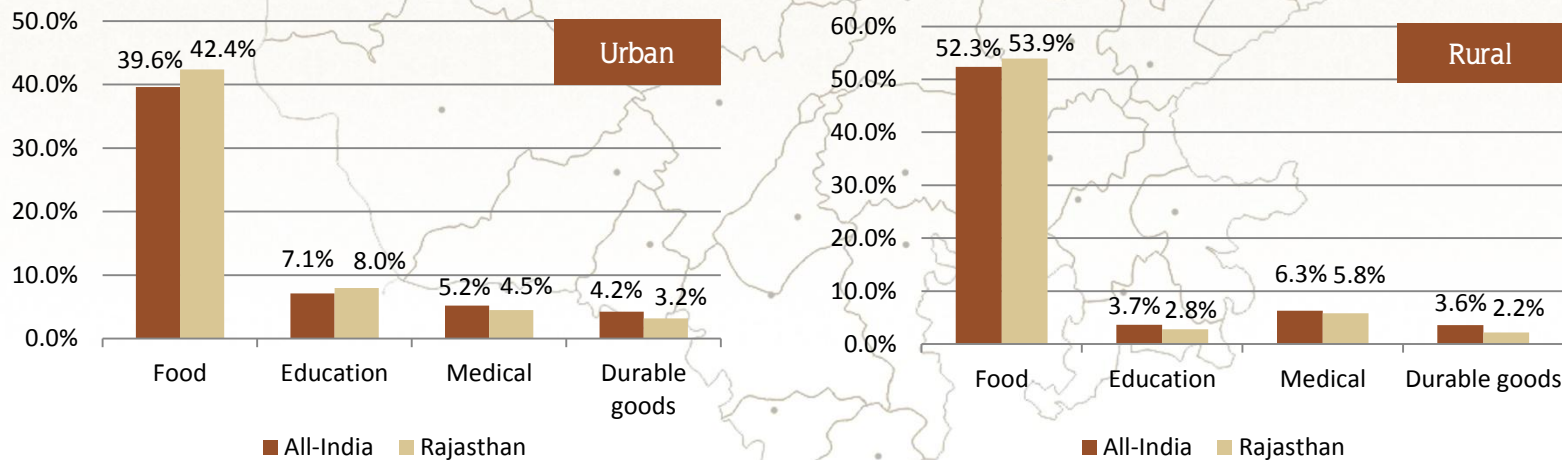


Source: CMIE

Economic Snapshot – Consumer Expenditure on Household Goods and Services

- Rajasthan is ahead as compared to all-India in share of per capita expenditure on food.
- With regards to share of expenditure on education and medical, the state is comparable to the all-India level.

Share of Average Monthly Per Capita Expenditure on Household Goods and Other Services



Source: Household Consumer Expenditure in India, 2007-08 NSS 64th Round

Economic Snapshot – Agricultural Production

- In 2009-10, the total production of food grain of the state was over 12.3 million tonnes. As per the preliminary forecast for the year 2010-11, the total food grain production in the state is expected to be 20.2 million tonnes.
- In 2009-10, the total production of cereals was over 11.6 million tonnes .
- Production of oilseeds accounted for about 4.4 million tonnes in 2009-10.

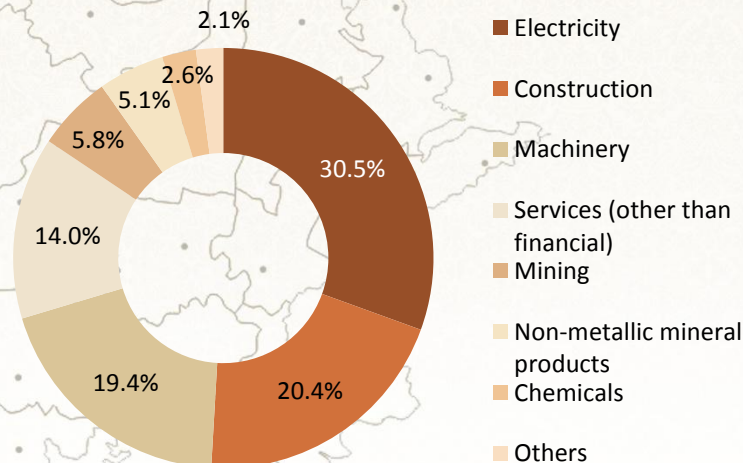
Crop	Annual Production in 2009-10 ('000 tonnes)
Wheat	7500
Rapeseed and Mustard	2912
Maize	1144
Soybean	914
Cotton	903
Barley	619
Gram	534
Sugarcane	344
Onions	329
Rice	228
Guar seed	201
Potato	96

Source: Rajasthan Agricultural Statistics at a Glance 2009-10
Directorate of Agriculture, www.rajasthankrishi.gov.in

Economic Snapshot – FDI Inflows & Investments

- According to the Department of Industrial Policy and Promotion, FDI inflows from April 2000 to April 2011 amounted to US\$ 521 million in the state.
- For the period April 2010 to March 2011, FDI inflows amounted to US\$ 51 million.
- In 2009-10, the outstanding investments in the state were US\$ 197.5 billion.
- Electricity accounted for about 30.5 per cent of the state's total outstanding investment followed by construction.

Break up of Outstanding Investments by Sector (2009-10)



Others include metals & metal products, food & beverages, textiles and irrigation

Source: CMIE

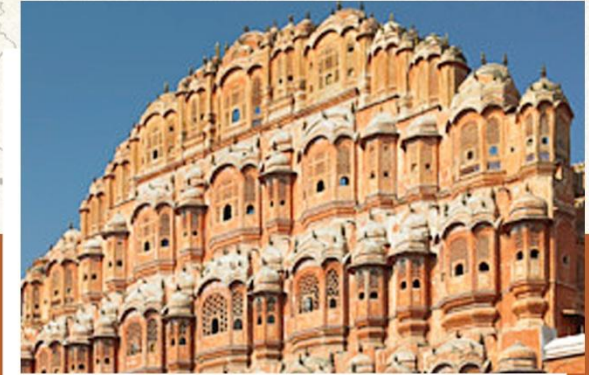
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Physical Infrastructure – Roads ... (1/2)

- As of March 2011, Rajasthan had 5,585 km of National Highways, 11,866 km of State Highways and 7,829 km of major district roads.
- The road density in the state was 55.23 km per 100 sq km in 2010-11.
- Under various schemes such as the Missing Link project and the Central Road Fund, new roads are being constructed to link all villages in the state.

Source: Economic Review of Rajasthan, 2010-11

Source: Maps of India

Physical Infrastructure – Roads ... (2/2)

- In 2009-10, 4,350 km rural roads were constructed under the Pradhan Mantri Gram Sarak Yojana (PMGSY).
- Rajasthan Mega Highways Project for improvement and maintenance of 1,053 km of road at an investment of US\$ 326 million has been completed through a joint venture company, Road Infrastructure Development Company of Rajasthan (RIDCOR).

Road Type	Road Length (km) As of March 2011
National Highways	5,585
State Highways	11,866
Major District Roads	7,829

Source: Economic Review of Rajasthan, 2010-11
Ministry of Road Transport & Highways,
Annual Report 2010-11

Physical Infrastructure – Railways

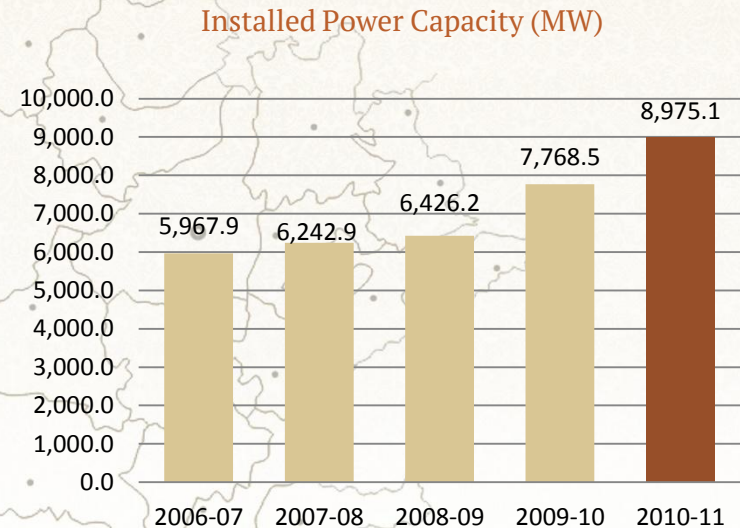


Source: Maps of India

- As of March 2008, Rajasthan had a total railway network spanning 5,683 km, of which 3,885.4 km (68.3 per cent) was covered by broad gauge.
- The railway route length per 1,000 sq km of geographical area was 16.6 km, as of March 2008.
- The Government of Rajasthan (GoR) is undertaking the development of a metro rail urban transport project in Jaipur.
- The Indian Railways also runs famous luxury tourist trains – Palace on Wheels and Heritage on Wheels – that connect some of the important tourist destinations of Rajasthan with Delhi and Agra (in Uttar Pradesh).

Physical Infrastructure – Power ... (1/2)

- As of March 2011, Rajasthan had a total installed power generation capacity of 8,975.1 MW comprising 5,077.01 MW (56.6 per cent) under state utilities, 2,190.55 (24.4 per cent) under central utilities and 1,707.54 MW (19.0 per cent) under the private sector.
- As of March 2011, the capacity owned by the state utilities comprised about 71.20 per cent of coal-based power plants, 8.74 per cent of gas-based power plants and 19.45 per cent of hydro-power plants.
- The private sector controlled capacity is based on renewable energy sources, which are regulated by the Ministry of New and Renewable Energy.
- Renewable energy sources such as the wind power and the biomass are being actively promoted by the State Government.



Source: Central Electricity Authority

Physical Infrastructure – Power ... (2/2)

- Raj West Power Limited, a wholly-owned subsidiary of JSW Energy Limited, is setting up a 1,080 MW (eight units of 135 MW each) lignite-based pit head power plant in the Barmer district. The estimated project cost is US\$ 1.1 billion.
- As of December 2010, 39,473 villages have been electrified and about 10.18 lakh wells have been energised under the Rural Electrification Programme.
- The Rajasthan State Electricity Board, formed in 1957, was restructured in 2000 to form the following companies:

Segment	Name of Company
Power Generation	Rajasthan Rajya Vidyut Utpadan Nigam Limited
Power Transmission	Rajasthan Rajya Vidyut Prasaran Nigam Limited
Power Distribution	Jaipur Vidyut Vitaran Nigam Limited Ajmer Vidyut Vitaran Nigam Limited Jodhpur Vidyut Vitaran Nigam Limited

Physical Infrastructure – Telecom

- As of September 2011, Rajasthan had 31.4 million GSM subscribers.
- According to Department of Telecommunications, Government of India, Rajasthan had nearly 40.8 million wireless subscribers and 1.3 million wire-line subscribers as of December 2010.
- The state had about 2,308 telephone exchanges as of December 2010.
- The state had 333,165 broadband subscribers in November 2010.
- As of March 2010, the state had about 10,313 post offices and 285 customer service centres.

Telecom Infrastructure (December 2010)	
GSM Cellular Subscribers	31,495,102 [^]
Broadband Subscribers	333,165 ^{**}
Post Office	10,313 [*]
Telephone Exchanges	2,308
Customer Service Centres	285 [*]
Wireless Subscribers	40,844,596
Wireline Subscribers	1,346,731

Sources: Economic Review of Rajasthan 2010-11,
Cellular Operators Association of India,
Department of Telecommunications, Annual Report 2010-11,
[^] As of September 2011,
^{**} As of November 2010,
^{*} As of March 2010

Some of the Major Telecom Operators in Rajasthan

Bharat Sanchar Nigam Limited (BSNL)
Bharti Airtel
Tata Teleservices
Reliance Communications
Vodafone Essar
Etisalat DB Telecom
IDEA Cellular Services

Development Projects: Urban Infrastructure

- The Jawaharlal Nehru National Urban Renewal Mission (JNNURM) is being implemented in the state by the central government to enhance the basic infrastructure facilities in urban areas of Rajasthan.
- Under the Jawaharlal Nehru National Urban Renewal Mission (JNNURM), 13 projects have been sanctioned for the cities of Jaipur, Ajmer and Pushkar.
- In addition, Rajasthan Urban Infrastructure Development Project (RUIDP) has been sanctioned by the Government of Rajasthan with loan assistance from the Asian Development Bank (ADB). The towns covered under the project are Ajmer, Bikaner, Jaipur, Jodhpur, Kota and Udaipur. The key areas of development under this project are water supply, sewerage, drainage, roads and solid-waste management.

Source: JNNURM, Ministry of Urban Development, <http://www.ruidp.gov.in>

Development Projects: Key Public Private Partnership Projects

Project Name	Sector	PPP Type	Project Cost (US\$ million)	Stage
Gurgaon-Kotputli-Jaipur Road	Roads	BOT-Toll	363.9	Construction
Mahapura (near Jaipur)-Kishangarh Road	Roads	BOT-Toll	140.0	In Operation
Deoli-Kota Road	Roads	BOT-Toll	131.8	Construction
Palanpur-Swaroopganj Road	Roads	BOT-Annuity	108.2	Construction
Mahua-Jaipur Road	Roads	BOT-Toll	105.0	Construction
Narmada Road	Urban Development	-	77.8	Under Bidding
Bharatpur-Mahua Road	Roads	BOT-Toll	54.3	Construction
Reuse of Recycled-Water-Tertiary-Treatment Water Plant	Urban Development	BOOT	43.5	Under Bidding
Jalmahel Tourism Project	Tourism	BOOT	43.4	Construction
Agra-Bharatpur (NH-11) Road	Roads	BOT-Toll	42.3	Construction

Source: www.pppindiadatabase.com

BOT: Build-Operate-Transfer, BOOT: Build-Own-Operate-Transfer, EOI: Expression Of Interest

Development Projects: SEZs

Operational SEZs

Company Name or Developer	Location	Primary Industry
Jaipur SEZ	Jaipur	Gems and Jewellery
Jodhpur SEZ	Jodhpur	Handicrafts
Mahindra Worldcity (Jaipur) Limited	Kalwara Village, Jaipur	IT/ITeS

SEZ with Formal Approvals

Company Name or Developer	Location	Primary Industry
Somani Worsted Limited	Khushkera Industrial Area, Bhiwadi	Electronics Hardware and Software/ ITeS
Mansarovar Industrial Development Corporation	Jodhpur	Handicraft
Vaitka Jaipur SEZ	Jaipur-Ajmer Expressway	IT/ITeS
RNB Infrastructure Private Limited	Bikaner	Textile (In-principle approval granted for woollen sector)
Mahindra Worldcity (Jaipur) Limited	Jaipur	Light Engineering
Mahindra Worldcity (Jaipur) Limited	Jaipur	Handicrafts
GENPACT	Jaipur	IT/ITeS

SEZ with Valid In-Principal Approvals

Company Name or Developer	Location	Primary Industry
Arihant Infratech (India) Pvt. Ltd.	Udaipur district	Building materials

Source: sezindia.nic.in

Social Infrastructure – Education

- The state has a literacy rate of 67.1 per cent according to the provisional data of Census 2011; the male literacy rate is 80.51 per cent and the female literacy rate is 52.7 per cent.
- The state's school infrastructure consists of 50,608 primary, 55,509 higher primary, 12,460 secondary and 6,675 senior secondary schools.
- Rajasthan has made significant progress in the field of higher education. In total, there are about 1,135 colleges in the state.
- As of 2010-11, there are 134 Industrial Training Institutes (ITIs) (including eight for women) with 20,032 seats in the public sector and 715 ITIs with 81,694 seats in the private sector; they provide vocational training in engineering and non engineering courses of 1-3 years duration.
- A total of 169 polytechnics were operational in the year 2010-11 with an intake of 45,410 students.

Rajasthan's Education Statistics	
Schools (No)	Primary: 50,608 Higher Primary: 55,509 Secondary : 12,460 Senior Secondary: 6,675
Colleges (No)	1,135
ITIs (No)	Public Sector - 134 Private Sector - 715

Source: Economic Review of Rajasthan, 2010-11

Social Infrastructure – Health

- Rajasthan has a three-tier health infrastructure comprising Primary Health Centres, Health Units, Community Health Centres and Sub-centres.
- A number of initiatives such as the Chief Minister's 'Jeevan Raksha Scheme' and the World Bank assisted 'Rajasthan Health System Development Project' have been taken up to improve the healthcare facilities of the state.

Health Infrastructure as of 31 st Dec 2010	
Government Hospitals	127
Community Health Centres	376
Primary Health Centres	1554
Sub-Centres	11,487
In-Patient Beds	45,078

Source: Economic Review of Rajasthan, 2010-11

Health Indicators (2009-10)	
Population Served Per Medical Institution	4,079
Population Served Per Hospital Bed	1,288
Birth Rate*	27.2 [^]
Death Rate*	6.6 [^]
Infant Mortality Rate**	59 [^]
Life Expectancy at Birth (year)	
Male (2002-06)	61.5
Female (2002-06)	62.3

*Sources: Directorate of Economics & Statistics, Economic Review of Rajasthan 2010-11, Sample Registration System 2009

*Per thousand persons
**Per thousand live births
[^]As of 2009

Cultural Infrastructure

- Cricket, polo and aero-sports such as parasailing, paragliding are the popular sports in Rajasthan.
- The state has various district associations operating under the purview of the Rajasthan Cricket Association.
- Most important stadiums of the state include Sawai Mansingh Stadium, Chaugan Stadium, Pratap Stadium, Mansarovar Stadium (Jaipur).
- Golf is another popular sport in the state; water sports are an upcoming area.
- In addition, Rajasthan offers various adventure activities including camel safari, horse safari, jeep safari and elephant safaris.
- Key cultural centres in Rajasthan include Jawahar Kala Kendra and Radha Krishan Cultural and Convention Center in Jaipur, Bharatiya Lok Kala Mandal and Meera Kala Mandir in Udaipur, and Desert Cultural Centre in Jaisalmer.

Jawahar Kala Kendra, Jaipur

- House of Museums: Displays ethnic art pieces emitting Rajasthani folk culture.
- House of Theaters: Plays with high literary value are staged here.
- Library: Has books and magazines, along with a record of the forthcoming and past cultural events and exhibitions.
- Arts Gallery: Displays arts and crafts created by well known artists.
- Studio: Exhibits paintings and sculptures by well known artists.
- Hostel: Residential facilities

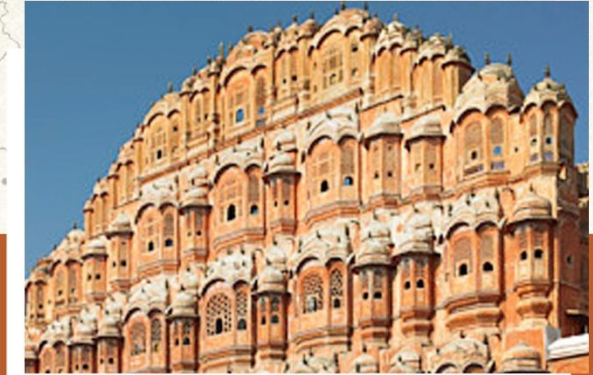
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Key Industries

- The natural resources, policy incentives and infrastructure in the state are favourably suited for investments in sectors such as cement, IT and ITeS, ceramics, tourism, automotive and agro-based industries.
- Bureau of Investment Promotion (BIP) and Rajasthan Industrial Development and Investment Corporation (RIICO) are responsible for promoting investments and developing industrial infrastructure in the state.
- The Government of Rajasthan is promoting development of several SEZs across the state for sectors such as gems and jewellery, handicrafts, IT, electronics and textiles.

Key Industries in Rajasthan

- Cement
- Tourism
- IT and ITeS
- Ceramics
- Mining
- Chemicals
- Auto and Auto-components
- Textile
- Agro-based Industry
- Gems and Jewellery
- Marble
- Steel

Key Players



Key Industries – Cement ... (1/2)

- Rajasthan has huge reserves of cement-grade and Steel-Melting-Shop (SMS) grade limestone. SMS grade limestone of the Jaisalmer district is supplied to various steel plants in the country.
- As of 2009-10, 14 major cement plants and two medium cement plants are in operation with a total installed capacity of about 20.3 Million Tonnes Per Annum (MTPA).
- The state has about 15 per cent share in cement production in the country.
- Given the availability of huge cement grade limestone reserves, more than 10 cement plants will be installed in the State in near future, particularly in Chittorgarh, Jaipur, Jhunjhunu, Nagaur and Pali.

Some of the Key Players

- ACC Limited
- Ambuja Cement Limited
- Shree Cement Limited
- Grasim Industries Limited

Key Industries – Cement ... (2/2)

ACC Ltd



- ACC is the largest cement producer in India; its plant at Bundi, Rajasthan, has a production capacity of 1.5 MTPA.
- The company is also the largest manufacturer of ready-mix concrete in India.

Ambuja Cements Ltd



- Ambuja Cements Limited has cement plants in Rajasthan, Maharashtra, Gujarat, Himachal Pradesh, Punjab, Chhattisgarh, Uttar Pradesh and West Bengal.
- The total cement capacity of the company is 25 MTPA. The production facility in Rajasthan has a capacity of 2.8 MTPA.
- The company has integrated cement plant at Rabriyawas, District Pali in Rajasthan.

Shree Cement



- Shree Cement is the largest cement manufacturer in North India and among the top five cement manufacturing groups in the country
- The company sells cement under the brands of Shree Ultra, Bangur and Rockstrong.
- The company has manufacturing plants at Beawar, Ras, Khushkhera and Suratgarh in Rajasthan .

Grasim Industries Ltd



- Grasim Industries Limited is a flagship company of the Aditya Birla Group.
- The company has 11 composite plants, 11 split grinding units, five bulk terminals and 74 ready-mix concrete plants across India.
- Grasim, along with its subsidiary UltraTech Cement has a capacity of 52 MTPA. The company has plants at Kotputli and Shambhupura in Rajasthan .

Key Industries – Mining and Mineral Processing ... (1/5)

- Rajasthan is among the largest mineral producing states in India. Around 79 varieties of minerals are available in the state and 58 minerals are produced on a commercial scale. Important minerals are silver, phosphate fluoride, rock phosphate, copper, zinc, gypsum, clay, granite, marble, sandstone, dolomite, calcite, emeralds and garnets.
- The state has about 210 million tonnes of identified reserves of lead-zinc ore with 1.5 per cent lead and zinc, and 639 million tonnes of copper ore reserves containing 0.8 to 1.2 per cent copper.

Prospective Locations for Metals

Copper	Udaipur, Sirohi, Raisamand, Alwar, Jhunjhunu
Lead, Zinc, Copper	Banswara
Gold	Banswara
Gold, Silver	Banswara
Copper, Gold, Platinum	Ajmer

Key Industries – Mining and Mineral Processing ... (2/5)

→ **Base Metals and Noble Metals:**

Rajasthan has immense potential for mining base metals and noble metals in a belt that extends over an area of about 58,000 sq km; it covers Alwar in the North to Banswara and Dungarpur in the South and passes through the districts of Jhunjhunu, Jaipur, Ajmer, Bhilwara, Rajsamand, Sirohi and Udaipur.

→ **Dimensional Stones:**

The state has substantial reserves of different varieties of dimensional stones such as marble, granite, sandstone and slate with tremendous potential for exports forward linkages with the construction industry.

→ **Lignite:**

Rajasthan has more than 4,300 million tonnes of lignite reserves in the districts of Barmer, Bikaner and Nagaur. Lignite is being produced in Barmer and Matasukh area of Nagaur. In recent years, some lignite blocks in three districts have been allotted for setting up thermal power plants.

→ **Ceramics:**

The availability of clay and feldspar in Rajasthan makes it an excellent location for ceramic-related industry (e.g., white-ware, floorings and bone-china).

Key Players in Mining Industry

- Hindustan Zinc Limited
- Hindustan Copper Limited
- Rajasthan State Mines and Minerals Limited (RSMML)

Key Players in Ceramic Industry

- Kajaria Ceramics Limited
- Liberty Whiteware Limited
- Jaipur Ceramics Private Limited

Key Players in Marble Industry

- Elegant Marble and Granite Inc
- Maadhav Marbles and Granites Limited

Key Industries – Mining and Mineral Processing : Mining ... (3/5)

Hindustan Zinc Ltd (HZL)



- HZL is a part of the Vedanta Resources Group and has four mines in Rajasthan. Rampura Agucha mine is a zinc mine with a production capacity of 6 MTPA. In 2009-10, Rampura Agucha produced 612.9 Kilo Tonnes (KT) of contained zinc and 55.10 KT of contained lead. Rampura Agucha is also one of the lowest cost zinc producer globally.
- Sindesar Khurd mine has reserves and resources base of over 60 million tonnes. Sindesar Khurd has annual ore production capacity of 0.5 MTPA and achieved a production level of 19.8 KT of contained zinc and 8.0 KT of contained lead in 2009-10. The company plans to increase the current ore production capacity of Sindesar Khurd from 0.5 MTPA to 1.50 MTPA.
- Rajpura Dariba mine has annual ore production capacity of 0.9 million tonnes and achieved a production level of 21.9 KT of contained zinc and 5.4 KT of contained lead in 2009-10. Bulk concentrate production at Rajpura Dariba has resulted in significant recovery improvements in zinc, lead and silver.

Hindustan Copper Ltd



- Hindustan Copper Limited is a public sector undertaking under the administrative control of the Ministry of Mines. It is a vertically-integrated copper producing company with facilities of mining, beneficiation, smelting, refining and casting of refined copper metal into downstream-saleable products.
- HCL has four operating units of mines and plants, one of which is the Khetri Copper Complex (KCC) at Khetrinagar in Rajasthan.

Rajasthan State Mines and Minerals Limited (RSMML)



- RSMML is a public sector enterprise of the Government of Rajasthan, primarily, engaged in mining and marketing of industrial minerals. The company has various strategic business units (SBUs) in Rajasthan; the rock phosphate SBU is located at Udaipur, gypsum SBU at Bikaner, limestone SBU at Jodhpur and lignite SBU at Jaipur.
- Going forward, RSMML is targeting cost effective technological innovations in mining and diversifying into mineral-based downstream projects.

Key Industries – Mining and Mineral Processing : Ceramic ... (4/5)

Kajaria Ceramics Ltd



- Kajaria Ceramics is the largest manufacturer of ceramic tiles in India. The company has three manufacturing plants, with a total annual capacity of 30.60 million sq m.
- The company exports tiles to more than 20 countries around the globe.
- Kajaria Ceramics has a manufacturing plant at Gailpur, Rajasthan, with an annual capacity of 14.1 million sq m.
- Kajaria has several certifications, including ISO 9001 (for quality management), ISO 14001 (for environment management), OHSAS 18001 (for safety and health management) and SA-8000 (for commitment to society).

Liberty Whiteware Ltd



- Liberty Whiteware Limited has a sanitary-ware unit, located at Neemrana in Rajasthan.
- The company has an annual production capacity of 500,000 pieces per annum.

Jaipur Ceramics Pvt Ltd



- Jaipur Ceramics has a ceramics plant on the outskirts of Jaipur, with a bone china capacity of 1,500 tonnes per annum.
- The company has a workforce of about 700 people, including highly-skilled and semi-skilled employees.
- It also has an in-house facility for making kiln furniture and can produce tiles and pillars for captive use; the capacity is about 18 tonnes per month.

Key Industries – Mining and Mineral Processing : Marble ... (5/5)

Elegant Marbles & Granite Industries Ltd



- Elegant Marbles & Granite Industries Limited, markets and processes marble and granite and offers over 84 colours in the Indian market.
- The company's total installed capacity for processing marble and granite is 2.5 million sq ft.
- It also imports marble from Italy, France, Norway, Spain, Greece and Nepal.

Maadhav Marbles and Granites Ltd



- Madhav Marbles and Granites Limited exports its products to North America, South America, Canada, Europe, Australia, South Africa, Russia, Holland, Singapore and Far East.
- It has an installed capacity of 600,000 sq m per annum for processing granite tiles.
- The Marble Division is located in Udaipur, Rajasthan.

Key Industries – Auto and Auto Components ... (1/2)

- The Alwar and Jaipur districts are close to major auto production hubs of the country such as Noida (Uttar Pradesh), Gurgaon and Dharuhera (Haryana), offering excellent advantage for setting up of auto and auto ancillary units.
- Nearly 100 units are currently functional in the Bhiwadi region of Alwar, Rajasthan.
- A special auto and engineering zone has also been developed in the Pathredi Industrial Area and another special zone is being planned in Bhiwadi.
- Rajasthan has become a prominent base for auto manufacturing with the establishment of a growing auto cluster in Alwar district and Honda's facility at Bhiwadi.

Some of the Key Players

- Amtek Auto Limited
- Ashok Leyland
- TAFE
- Honda Siel Cars India Limited

Key Industries – Auto and Auto Components ... (2/2)

Amtek Auto Ltd



- Amtek Auto Limited is a flagship company of the Amtek Group; it is a leading Indian supplier of auto components with operations in forgings, machining and sub-assemblies.
- It supplies over 300 varieties of components and assemblies to leading domestic and global vehicle manufacturers. The company's machining capacity is 77 million pieces per annum.
- The company's plant is located at Bhiwadi, District Alwar (Rajasthan).

Ashok Leyland



- Ashok Leyland is a flagship company of the Hinduja Group; it is a leading manufacturer of commercial vehicles in India.
- The company has a manufacturing plant in Alwar (Rajasthan).
- The company entered into a joint venture with the Alteams Group, Finland, to manufacture high pressure die-castings and aluminium products, predominantly, for the automotive and telecommunications sectors.

Tractors and Farm Equipment Ltd (TAFE)



- TAFE is in the tractor manufacturing business; its subsidiary, TAFE Motors and Tractors Limited, has an engine plant at Alwar and transmissions plant at Parwanoo.
- The diesel engine plant at Alwar, Rajasthan, produces a range of air-cooled and water-cooled diesel engines of up to 80 HP.

Honda Siel Cars India Ltd



- HSCI was incorporated in December 1995 as a joint venture between Honda Motor Co, Japan and Siel Limited, a Siddharth Shriram group company; the total annual manufacturing capacity of the company is 100,000 cars.
- The company's product range includes Honda Jazz, Honda City, Honda Civic and Honda Accord. In Rajasthan, the company has a plant located at Tapakura.

Key Industries – Textiles ... (1/2)

- Rajasthan has a leading position in the production of polyester viscose yarn and synthetic suiting material as well as processing of low-cost, low-weight fabric (at Pali, Balotra, Sanganer and Bagru).
- Jaipur is also a well-known centre for manufacturing garments, primarily for exports.
- Bhilwara has emerged as India's largest manufacturer of suiting fabrics and yarn.
- Availability of raw material and trained labour has promoted the growth of textile industry and drove many textile units to locate in the state.
- With a network of backward and forward linkage, Rajasthan's textile industry offers significant competitive advantage.

Type of Textiles in Rajasthan

- Block Printing-Sanganer, Jaipur, Bagru
- Bandhani-Jodhpur, Pali, Jaipur, Udaipur and Nathdwara
- Zari/Zardosi
- Quilting

Some of the Key Players

- Rajasthan Spinning and Weaving Mills Ltd
- Jaykay Enterprises Ltd
- Shree Rajasthan Syntex Limited
- Shriram Rayons

Key Industries – Textiles ... (2/2)

Rajasthan Spinning and Weaving Mills Ltd



- Rajasthan Spinning and Weaving Mills Limited (RSWM) produces yarn, fabric, garments and denim; it is one of the largest producers and exporters of polyester-viscose-blended yarn in the country.
- The company operates around 3,60,000 spindles and produces 100,000 MT of yarn per year.
- It has plants in Banswara, Mordī, Kharagram and Rishabdev.

Jaykay Enterprises Ltd



- Jaykay Enterprises Ltd (Formerly J.K. Synthetics Ltd) produces a wide range of synthetic fibres including nylon yarn and high-tenacity yarn for industrial application, e.g., fishing industry, tyre cord, polyester-filament yarn, polyester staple fibre and tows and acrylic staple fibre.
- Its plant is located at Kota in Rajasthan.

Shree Rajasthan Syntex Ltd



- Shree Rajasthan Syntex Limited is a manufacturer of synthetic-yarn including acrylic, polyester, viscose and polypropylene multi-filament yarn.
- Its plant is located at Udaipur in Rajasthan.

Shriram Rayons



- Shriram Rayons, a part of DCM Shriram Industrial Group, is among the country's major manufacturers of high-grade rayon tyre cord; it has nylon and rayon conversion facilities catering to the needs of the domestic and international markets.
- The manufacturing plant is located at Kota; the technology partners of the company are Beunit Fibres Inc, USA and Chemtex Inc, USA.

Key Industries – IT & ITeS ... (1/3)

- Rajasthan has a vast pool of trained professionals. Moreover, low cost of operations in well developed cities of the state makes them attractive locations for IT and ITeS units.
- IT parks with special infrastructure have been set up at Jaipur, Jodhpur, Kota and Alwar.
- The IT/ITeS export from the state was about US\$ 105.4 million during 2009-10.

Some of the Key Players

- Infosys
- Tech Mahindra
- Genpact
- Wipro Technologies

Key Industries – IT & ITeS ... (2/3)

Infosys



- Infosys was set up in 1981; it is engaged in IT consulting, modular global sourcing, process re-engineering, and BPO services; the company has operations in Australia, China and US. It also has marketing and technological alliances with FileNet, IBM, Intel, Microsoft, Oracle, etc. The company recorded a turnover of US\$ 4.8 billion in 2009-10.
- Infosys BPO, the BPO-services division of Infosys, has opened BPO campuses at the Mahindra Worldcity, Jaipur, Rajasthan.
- The company has also launched various industry-specific programmes in Rajasthan where it collaborates with universities in the state to improve the BPO-specific skill sets.

Tech Mahindra



- Tech Mahindra is a global systems integrator and business transformation consulting firm, focused on the communications industry.
- Tech Mahindra provides a wide variety of services ranging from IT strategy and consulting to system integration, design, application development, implementation, maintenance and product engineering. Tech Mahindra has accreditations such as ISO 9001:2008 certification, SEI-CMM level 5 assessments and is also CMMI level 5 certified for software development processes.
- The company has set up two software development centres in Jaipur, Rajasthan.

Genpact



- Formerly known as GE Capital International Services, Genpact was set up in India in 1997.
- The company provides a wide range of business process, technology and knowledge services in finance and accounting, collections and customer relations, insurance, procurement and supply chain, analytics, software, IT-infrastructure
- It recorded a turnover of US\$ 1.5 billion in 2010. The company employs about 43,300 professionals in total and over 3,000 people in the Jaipur facility.

Key Industries – IT & ITeS ... (3/3)

Wipro Technologies

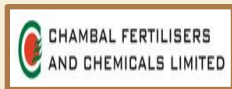


- Wipro Technologies was established in 1945; it is engaged in IT services, product engineering, technology infrastructure services, BPO and other consulting solutions. It also provides services such as application development, deployment and maintenance, business intelligence and customer relationship management. Based in Bengaluru, the company has 54 development centres and 30 offices spread across India, North America, Middle East and Europe.
- It recorded a turnover of US\$ 6.0 billion in 2009-10.
- Wipro Technologies has set up a campus at the Mahindra World City in Jaipur. The company is developing its campus in two phases; the first phase – spread across 25 acres, with a seating capacity of 1,000 employees – is operational.

Key Industries – Chemicals

- The key chemicals produced in Rajasthan include fertilisers, caustic soda and pesticides; the principal industrial complexes for chemicals are at Jaipur, Kota, Udaipur and Bhilwara.

Chambal Fertilisers and Chemicals Ltd (CFCL)



- CFCL manufactures and distributes urea, agri-inputs, fertilisers, plant protection chemicals, seeds and biofertilisers.
- The company has two nitrogenous fertiliser plants near Kota in Rajasthan with a capacity of over 2 MTPA of urea per annum; it is among the largest fertiliser complexes in the private sector in India.

P I Industries Ltd



- P I Industries mainly produces organo-phosphorous insecticides.
- The company has its plant at Udaipur in Rajasthan, producing liquid insecticides, minerals and allied products, polymers and solid insecticides.

DCM Shriram Industries Ltd



- DCM Shriram Industries Limited is a diversified group with operations in sugar, alcohol, organic and inorganic chemicals, drug intermediates, rayon tyre cord, shipping containers and processed cotton yarn.

Key Industries – Steel

- Rajasthan's steel industry comprises re-rolling and stainless steel units located, mainly, in Jodhpur, Alwar and Jaipur. Most of the re-rolling units belong to the small scale sector.

Asian Alloys Limited (AAL)

- AAL manufactures steel ingots and castings.
- Its units are located at Bhiwadi in Rajasthan as well as in Punjab.
- The company's products are mainly used in the paper and rubber industries.

Kamdhenu Ispat Ltd



- Kamdhenu is a manufacturer of international quality steel bars and paints.
- The company has steel-bars unit in Bhiwadi and paint division is in Alwar.

PSL Ltd



- PSL manufactures steel pipes.
- The company's products include protective coatings for steel pipes, epoxy coatings for reinforcement bars, epoxy powder paint and galvalum range of aluminium sacrificial anodes.
- It is involved in iron-ore processing.

Rajasthan

ROYAL HERITAGE

NOVEMBER
2011

Contents

- ❖ Rajasthan – An Introduction
- ❖ Infrastructure Status
- ❖ Business Opportunities
- ❖ Doing Business in Rajasthan
- ❖ State Acts & Policies



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Single-Window Clearance Mechanism

- Rajasthan Single Window Clearance System is a single point of contact to reduce the time and efforts involved in various clearances and approvals of layouts/applications for the proposed investment, submitted by investors. This online application shall render transparency to the system thereby facilitating investors with expeditious and time-bound clearances and approvals.
- This system has come into effect from 1st April 2011 in all the districts of the state .
- This system will grant permissions, invoking and using clearance mechanism, in case of failure of the original competent authorities to decide on application within the specified time. This system will serve as a single point interface between investors and various Government Departments.
- This system will also provide an electronic-based transparent system for online tracking of application/forms and also keep entrepreneurs updated on information relating to relevant rules, regulations, orders, policy initiatives and schemes for guidance.
- With the introduction of the Single Window Ordinance/Act and Single Window Clearance Portal, setting-up and operationalising projects and investment proposals in the state is expected to become a speedy, unperturbed and hassle-free process.

Key Investment Promotion Offices ... (1/3)

Agency	Description	Contact Information
<p>Bureau of Investment Promotion (BIP)</p>	<p>Bureau of Investment Promotion (BIP), is a nodal agency of the Government of Rajasthan that facilitates investments in various sectors in the State. It provides one-stop service mainly for large projects, by acting as an interface between entrepreneurs and the government.</p> <p><u>Role of BIP in Rajasthan:</u></p> <ol style="list-style-type: none"> 1. Identifying investment opportunities. 2. Providing access to information that is critical for setting up of project. 3. Assisting translation of investment possibilities into concrete investment proposals. 4. Nodal Agency for Single Window clearances. 5. Facilitation on behalf of investors with all government departments /agencies to ensure that proposals get immediate attention. 6. Assisting site-selection and obtaining infrastructural facilities. 7. Interfacing with Government Departments for required clearances. 	<p>Udyog Bhawan, Tilak Marg Jaipur - 302005, Rajasthan Phone: 91-141-2227 274, 2227 812, 2227 713 Fax: 91-141- 2227 506 E-mail: bip.raj@nic.in Website: http://www.investrajasthan.com/</p>

Key Investment Promotion Offices ... (2/3)

Agency	Description	Contact Information
<p>Rajasthan State Industrial Development and Investment Corporation (RIICO)</p>	<p>RIICO is the sole agency in the state that develops land for the industrial growth. It provides financial assistance and other vital infrastructural facilities for industries.</p> <p>Role of RIICO:</p> <ol style="list-style-type: none"> 1. Site selection and Acquisition of land 2. Financial assistance to small medium and large scale projects 3. Equity participation in large projects on merit 4. Technical consultancy for project identification and technical tie up 5. Escort services ,facilitation of government clearances 6. Merchant banking and financial tie –ups 7. Extending incentives and concessions according to the policy of State Government 	<p>Udyog Bhawan, Tilak Marg Jaipur, Rajasthan Phone: 91-141-5113 201 / 222 7751-55 E-mail: riico@riico.co.in Website: http://www.riico.co.in/</p>

Key Investment Promotion Offices ... (3/3)

Agency	Description	Contact Information
Rajasthan Financial Corporation (RFC)	RFC provides medium and long-term loans for new industrial units in the SME sector. It also assists in planning a balanced development of industries in the state.	Udyog Bhawan, Tilak Marg Jaipur - 302005, Rajasthan Phone: 91-141-2385 522 Fax: 91-141-2385 503 E-mail: info@rfconline.org
PDCOR Limited	PDCOR Limited (PDCOR) is a company jointly promoted by the Government of Rajasthan (GoR) and Infrastructure Leasing & Financial Services Limited (IL&FS) to facilitate private sector investment in the infrastructure sector in the State of Rajasthan.	First Floor, LIC Jeevan Nidhi Building Near Ambedkar Circle, Bhawani Singh Road, Jaipur - 302005, Rajasthan Phone: 91-141-2747012-14 Fax: 91-141-2747045 E-mail: info@pdcor.com

Key Approvals Required ... (1/3)

Permission and Clearances Required	Respective Departments/ Organisations of State	Time Limit (Within working days)
Land Conversion	Revenue Department	Up to 10 hectares: 30 days from submission of completed application to district collector
		Above 10 hectares: 60 days from submission of completed application to State Government
Land Allotment		In case the allotment is to be made at the district level: 30 days from submission of completed application to district collector
	In case government's approval is required: 60 days from submission of completed application to State Government.	
Exemption in the Land Ceiling Limit		60 days at the level of State Government from the date of submission of application in the district collector's office

Source: Industries Department Notification, Jaipur, 25th January 2011, www.bipraj.raj.nic.in

Key Approvals Required ... (2/3)

Permission and Clearances Required	Respective Departments/ Organisations of State	Time Limit (Within working days)
Release of Power Connection	Energy Department (Jaipur Vidyut Vitran Nigam Ltd)	<ol style="list-style-type: none"> 1. For loads up to 25 kw: <ol style="list-style-type: none"> a) Issue of demand notice: 21 days from receipt of application b) Release of connection: 30 days after compliance of demand notice if no augmentation is required. Otherwise 45 days. 2. For loads above 25 kw and up to 300 kw: <ol style="list-style-type: none"> a) Issue of demand notice: 21 days from receipt of application. b) Release of connection: 60 days after compliance of demand notice. 3. For loads above 300 kw and up to 2000 kw <ol style="list-style-type: none"> a) Issue of demand notice: 21 days from receipt of application b) Release of connection: 60 days after compliance of demand notice. 4. For loads above 2000 kw and up to 3000 kw: <ol style="list-style-type: none"> a) Issue of demand notice: 60 days from receipt of application b) Release of connection: 60 days after compliance of demand notice.

Source: Industries Department Notification, Jaipur, 25th January 2011, www.bipraj.raj.nic.in

Key Approvals Required ... (3/3)

Permission and Clearances Required	Respective Departments/ Organisations of State	Time Limit (Within working days)
Release of Power Connection	Energy Department (Jaipur Vidyut Vitran Nigam Ltd)	5. For loads above 3000 kw and up to 5000 kw: a) Issue of demand notice: 21 days from receipt of application. b) Release of connection: 120 days after compliance of demand notice.
Sanction of Loan	Rajasthan State Industrial Development and Investment Corporation (RIICO)	40 days
Allotment of Plots in Industrial Area		30 days

Sources: Industries Department Notification, Jaipur, 25th January 2011, www.bipraj.raj.nic.in

Cost of Doing Business in Rajasthan

Cost Parameter	Cost Estimate	Source
Industrial Land (per sq ft)	US\$ 75 to US\$ 151	Industry Sources
Labour Cost (minimum wages per day)	US\$ 3.0 to US\$ 3.8	Ministry of Labour and Employment, Government of India
Hotel Costs (five-star)	US\$ 95 to US\$ 385 per room per night	Leading Hotels in the State
Office Space Rental (per sq ft)	US\$ 0.22 to US\$ 2.5 per month	Industry Sources
Residential Space Rental	US\$ 0.05 to US\$ 0.28 per sq ft per month (rates depend on the type of structure and location)	Industry Sources
Power Cost (per kWh)	Industrial use (Jaipur): US 7.6 cents to US 8.7 cents	Jaipur Vidyut Vitran Nigam Limited (Jaipur Discom)

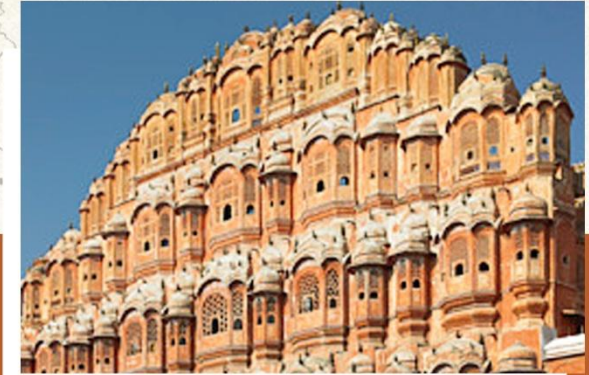
Rajasthan

NOVEMBER
2011

ROYAL HERITAGE

Contents

- ❖ Rajasthan – An Introduction
- ❖ Infrastructure Status
- ❖ Business Opportunities
- ❖ Doing Business in Rajasthan
- ❖ State Acts & Policies



For updated information, please visit www.ibef.org

State Acts & Policies ... (1/4)

Rajasthan Industrial and Investment Policy 2010

Objectives

- To achieve higher and sustainable economic growth through greater private investment in manufacturing as well as services sectors
- To promote environmentally sustainable industrial growth and balanced regional development
- To create a supportive policy and institutional environment as well as infrastructure that facilitates and fosters private sector investment and enterprise
- To encourage rapid growth of sectors in which Rajasthan has natural or strategic advantages
- To achieve optimal development of human capital and promote a knowledge led growth
- Enhance employment opportunities for the growing youth population

[Read more](#)

Rajasthan State Environment Policy 2010

Objectives

- Conserve and Enhance Environmental Resources
- Assure Environmental Sustainability of Key Economic Sectors
- Improve Environmental Governance and Build Capacity

[Read more](#)

State Acts & Policies ... (2/4)

Policy for Promotion of Agro-Processing and Agri-Business 2010

Objectives

- To increase the income in the hands of the farmers through more remunerative prices for their produce
- To encourage value addition in agriculture produce and to reduce post harvest losses
- To bring in new technologies and practices to modernize agro-processing and marketing
- To promote export of agri products of the state and to build a strong state brand in the domestic and international market
- To attract private investment in agro-processing and create new employment opportunities on a large scale

[Read more](#)

IT & ITeS Policy 2007

Objectives

- Making Government more accessible to citizens and empowering them through enhanced access to information while improving governance through the use of IT and enhancing the quality of services to citizens.
- Creating and expanding economic opportunities in the knowledge economy and attracting investments to the State for this purpose.
- Enhancing employment opportunities by developing the capability of the youth of the State and making them employable by the industry.

[Read more](#)

State Acts & Policies ... (3/4)

Policy to Promote Private Investment in Healthcare Facilities 2006

Objectives

- To promote private sector investment in Medical & Health Care Institutions, Medical & Dental Colleges and support units like Diagnostic Centres, Blood Banks and Paramedical Training Institutes
- To ensure delivery of quality health care with reasonable costs
- To promote development of Centers of Excellence for Medical Care
- To promote Rajasthan as a Medical Tourism Destination
- To develop Complementary and Alternative Medicine Centres
- To develop Super Specialty Health Care Institutions
- To promote Public Private Participation in Medical & Health Sector
- To develop standards for infrastructure and operations
- To create a regulatory body with supportive role

[Read more](#)

State Acts & Policies ... (4/4)

Tourism Policy of Rajasthan

Objective

- To ensure optimum utilisation of rich tourism resources of the state to generate employment specially in rural areas, to develop a ready market for the rich and varied handicrafts, to preserve and to accelerate contribution of tourism industry in socio-economic development of the state by making tourism a truly People's Industry in Rajasthan.

[Read more](#)

Biotech Policy

Objectives

- Positioning Rajasthan as an attractive destination for the Biotech industry
- Create and upgrade Biotechnology infrastructure
- Create a quality infrastructure for research and commercial activities

[Read more](#)

Annexure

Exchange Rates

Year	INR equivalent of one US\$
2004-05	44.95
2005-06	44.28
2006-07	45.28
2007-08	40.24
2008-09	45.91
2009-10	47.41
2010-11	45.57

Average for the year

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