Introduction: Banaskantha

- Banaskantha is the third largest district of Gujarat and is located in North eastern region of the State.
- The region is presumably named after the West Banas River and shares its border with the neighbouring State of Rajasthan.
- There are 11 talukas in the district with Palanpur (District Headquarter), Deesa, Danta and Amirgarh being the important and developed talukas of the district.
- Banaskantha contributes significantly to Agricultural production of the State and ranks No. 1 in the production of potatoes in India.
- The district is also known for its diamond and ceramic industry.
- The proposed Palanpur-Mehsana Investment Region along the Delhi-Mumbai Industrial Corridor (DMIC) is expected to drive the economic growth of the district.

Focus Industry Sectors
- Food Processing
- Tourism
- Mineral Based Industries (Ceramic Industry)

Tourist Places: Ambaji, Kumbharia, Balaram-Ambaji Sanctuary and Jessore Sloth Bear Sanctuary.
## Fact File

| Geographical Location | Longitude: 71.03° to 73.02° East  
Latitude: 23.33° to 24.25° North |
|-----------------------|----------------------------------|
| Temperature           | 45 ° Centigrade (Maximum)  
5 ° Centigrade (Minimum) |
| Average Rainfall      | 1550 mm                          |
| Rivers                | Banas, Saraswati & Sepu          |
| Area                  | 10,400.16 Sq. Km                 |
| District Headquarters | Palanpur                         |
| Talukas               | 12                               |
| Population            | 2.50 Million (As per Census 2001)|
| Population Density    | 233 Persons per sq. km           |
| Sex Ratio             | 930 Females per 1000 Males       |
| Languages             | Gujarati, Hindi and English      |
| Literacy Rate         | 51%                              |
| Seismic Zone          | Zone IV                          |

Source: Banaskantha District Profile Booklet 2006-2007
Economy and Industry Profile

- The economy of the district is based on agro & food Processing, tourism, textile and mineral based industries (ceramics).
- The district ranks 1st in the production of vegetables contributing nearly 17.67% to the total vegetable production of the State.
- It is the largest producer of Potatoes and one of the leading producers of Isabgul (Psyllium husk) in the country.
- Traditionally, the district is known for its food processing industry, specially for vegetable oils and vanaspati.
- Banaskantha is the 3rd largest producer of oil seeds in the State after Junagadh and Jamnagar.
- Around 1.18 million (9.6%) of the total tourist inflow in Gujarat, visited Ambaji, the most popular pilgrimage destination in the State, during the year 2006-2007.

Agriculture

- Bajri, Maize, Tobacco, Castor oil, Jowar, Psyllium and Potatoes are the other major crops of the district.
- Deesa Taluka in the Banaskantha district ranks 1st in India for the production of Potatoes.
- The district ranks next to Junagadh and Rajkot in the production of Spices.

**Fig 1: Share of Districts in Vegetable Production in the State of Gujarat**

**Fig 2: Share of Districts in Spices Production in the State of Gujarat**

Vegetable Production

The district contributes 46.80% to the total potato production of the State. The other important vegetables produced in the district are Cow Pea, Beans, Tomato, Brinjal and Cabbage.

Spice Production

The district produces 67.04% of total Isabgul production in the State. The other spices produced in the district are Isabgul, Fennel, Fenugreek and Cumin.

Minerals

- The district has rich mineral reserves including limestone, marble, granite, building stone and china clay
- Banaskantha district accounts for almost the entire **marble reserves (99.3%)** of the State of Gujarat
- Danta Taluk of Banaskantha district is known for its high quality marble production
- Banaskantha contributes 15% to the total production of limestone in Gujarat

**Map 3: Mineral Map of Banaskantha District**

**Fig 13: Production of Minerals in Banaskantha**

### Major Industries

- Major Medium & Large Scale Industries (MSI & LSI) industries in Banaskantha district are engaged in the production of granite tiles and marble blocks.
- Some of the major medium and large scale players in Banaskantha district are mentioned in the table below:

#### Table 1: Major MSIs & LSIs in Banaskantha District (Indicative List)

<table>
<thead>
<tr>
<th>Name of Company</th>
<th>Taluka</th>
<th>Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceramic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shreeji Granite</td>
<td>Amirgadh</td>
<td>Granite tiles, Slab</td>
</tr>
<tr>
<td>Shreeji Industries Ltd.</td>
<td>Amirgadh</td>
<td>Granite Slab</td>
</tr>
<tr>
<td>D.K. Trivedi &amp; Sons</td>
<td>Dantaa</td>
<td>Marble block, Tiles</td>
</tr>
<tr>
<td>Trivedi Marbles Ltd.</td>
<td>Dantaa</td>
<td>Marble tiles</td>
</tr>
<tr>
<td>Tirupati Marble Ltd.</td>
<td>Dantaa</td>
<td>Marble Slab</td>
</tr>
<tr>
<td>Hindustan Marble Pvt. Ltd.</td>
<td>Dantaa</td>
<td>Marble Block</td>
</tr>
<tr>
<td>Balaram Cement Ltd.</td>
<td>Amirgadh</td>
<td>Cement</td>
</tr>
<tr>
<td>Shri Ram Cement Ltd.</td>
<td>Dantaa</td>
<td>Cement</td>
</tr>
<tr>
<td>Jagdamba Cement Ltd.</td>
<td>Dantaa</td>
<td>Cement</td>
</tr>
<tr>
<td>Food Processing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aadarsh Derivatives Ltd.</td>
<td>Palanpur</td>
<td>Guvaargam</td>
</tr>
<tr>
<td>Gujarat Agro Industries</td>
<td>Palanpur</td>
<td>Castor Oil, Cake</td>
</tr>
<tr>
<td>Kishaan Agro Industries Ltd.</td>
<td>Palanpur</td>
<td>Castor Oil</td>
</tr>
<tr>
<td>Banaskantha Dist. Oil seeds Producers Union</td>
<td>Palanpur</td>
<td>Raydo Oil</td>
</tr>
<tr>
<td>Royal Proteins Ltd.</td>
<td>Deesa</td>
<td>Refined Vegetable Oil</td>
</tr>
<tr>
<td>Banaskantha Dist. Cooperative Milk Producer Union Ltd.</td>
<td>Palanpur</td>
<td>Milk, Ghee, Icecream, Butter</td>
</tr>
</tbody>
</table>

Source: Banaskantha District Profile Booklet 2006-2007
Small Scale Industries (SSI)

- The district has **seven SSI clusters** focused on textile (spinning & weaving of cotton textiles & khadi), diamond processing, and ceramics industry (processed Stone, marble)

- Out of these industrial clusters, three of the SSI clusters are located in the Palanpur taluka, two are located in Vadgam and one each is located in Danta and Deesa talukas

- The **textile clusters** located in Palanpur & Vadgam talukas together consists of **397 units** (109 in spinning & weaving of cotton textiles and **286 units** in khadi manufacturing)

- The **diamond Processing cluster** in Palanpur and Deesa consists of **104 units**

- The **ceramic cluster** at Danta consists of **48 units** having a turnover of USD 2.74 million

*Map 4: Small Scale Industrial Clusters - Banaskantha*

Source: Census 2001
Industry and Investment Trends

- The district has witnessed highest investment in agro & food Processing over a period of two decades.
- The **food Processing** industry in the district has attracted **57% of the total investment** (vegetable Oil & vanaspati aggregating 30% of the total investment and other Food processing industry aggregating 27%) in the district over the last two decades.
- **Engineering** has emerged as the **third highest investment** aggregator in the district over two decades.
- **Mineral Based** (ceramic & cement) along with **sugar industry** have also emerged as preferred sectors for investment in Banaskantha district.

**Fig 14: Productwise Investment (USD million) during 1988-2007**

**Fig 15: Employment Trend in Banaskantha (1988-2007)**

![Chart showing investment and employment trends in Banaskantha district.](chart.png)

Economy Drivers

- The **food processing** and **textiles** industries existing in the district for last two decades are driving its economic growth.

- Proposed **Delhi Mumbai Industrial Corridor** (DMIC) passing through the Diamond Hub – Palanpur is expected to emerge as the major economic driver of the district.

- The vast reserves of **marble** in the district are a great potential for ceramic industry.

- Various **support infrastructure projects planned** across the proposed DMIC are expected to further boost the economic growth of the region due to the improved intra and inter State connectivity of the district.

- Gujarat State Petronet Limited (GSPL) has planned to lay **Gas pipeline** in the district along DMIC, which would further fillip the industrial growth in Banaskantha.
Industrial Locations/ Infrastructure
### Table 2: Industrial Estates

<table>
<thead>
<tr>
<th>Industrial Estate</th>
<th>Area (in Hectare)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambaji</td>
<td>6.54</td>
</tr>
<tr>
<td>Palanpur</td>
<td>7.58</td>
</tr>
<tr>
<td>Chandisar</td>
<td>80.74</td>
</tr>
<tr>
<td>Deesa</td>
<td>13.52</td>
</tr>
<tr>
<td>Deodar</td>
<td>17.63</td>
</tr>
<tr>
<td>Sihori</td>
<td>1.64</td>
</tr>
<tr>
<td>Radhanpur</td>
<td>38.86</td>
</tr>
</tbody>
</table>

### Map 5: Gujarat Industrial Development Corporation Industrial Estates

*Source: Gujarat Industrial Development Corporation (GIDC), 2007*
Government of India plans to develop a Dedicated Freight Corridor (DFC) linking Delhi, Mumbai, Kolkata and Chennai.

The proposed DFC passes through six States in India, of which, Gujarat accounts for 38% (564 Km) of total DFC length (1483 Km).

The influenced area of 150 Km, on either side of DFC is being developed as “Delhi Mumbai Industrial Corridor” (DMIC).

Almost 62% of the total area of Gujarat State (18 out of 26 districts) would be benefited by DMIC development.

The State government has identified 82 links in the DMIC influenced areas to upgrade them into two/four lane carriageway offering connectivity between ports, industrial estates, hinterlands, markets and points of agricultural produce.

Source: Concept Paper on DMIC (IL&FS), June 2007.
### Table 3: Proposed Industrial Cluster in Palanpur-Sidhpur-Mehsana Industrial Area

<table>
<thead>
<tr>
<th>Components</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Township</td>
<td>Residential, Commercial, Institutional/ Health, Transportation land use</td>
</tr>
<tr>
<td>Domestic Road-Rail based Logistic Hub</td>
<td>✓</td>
</tr>
<tr>
<td>Augmentation of Existing Industrial Park/ Estate/Cluster</td>
<td>Mehsana Industrial Estate</td>
</tr>
<tr>
<td>Feeder Road Links</td>
<td>Augmentation of Palanpur-Sidhpur-Kalol-Ahmedabad link, Radhanpur-Himmatnagar-Mehsana Link</td>
</tr>
<tr>
<td>Logistics Park</td>
<td>✓</td>
</tr>
<tr>
<td>Feeder Rail Links</td>
<td>✓</td>
</tr>
</tbody>
</table>

Source: Concept Paper on DMIC (IL&FS), June 2007

Map 7: Palanpur-Sidhpur-Mehsana Industrial Area

Palanpur-Sidhpur-Mehsana

Source: Concept Paper on DMIC (IL&FS), June 2007
Support Infrastructure
Connectivity to Major Cities

- Palanpur and Deesa, the two major cities of Banaskantha district are connected to National Capital Delhi and Jaipur, capital of neighboring State of Rajasthan through National Highway (NH) 14 & NH 8

Interstate Connectivity

- The State Highway 7 connects the district to important cities of Gujarat like Ahmedabad, Patan & Deesa
- Palanpur is connected to Ambaji (significant pilgrimage) via State Highway No 9

Port Connectivity

- The nearest port is Dholera port
- The district is also connected to the Kandla port via National Highway 15

Table 4: Distance of District Headquarters from other Locations

<table>
<thead>
<tr>
<th>Location</th>
<th>Distance from Palanpur (in Kms)</th>
<th>Location</th>
<th>Distance from Palanpur (in Kms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delhi</td>
<td>821</td>
<td>Vadodara</td>
<td>257</td>
</tr>
<tr>
<td>Mumbai</td>
<td>733</td>
<td>Surat</td>
<td>424</td>
</tr>
<tr>
<td>Hyderabad</td>
<td>1250</td>
<td>Jamnagar</td>
<td>459</td>
</tr>
<tr>
<td>Kolkata</td>
<td>1932</td>
<td>Rajkot</td>
<td>371</td>
</tr>
<tr>
<td>Chennai</td>
<td>1797</td>
<td>Bhavnagar</td>
<td>346</td>
</tr>
<tr>
<td>Ahmedabad</td>
<td>217</td>
<td>Ankleshwar</td>
<td>341</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Valsad</td>
<td>491</td>
</tr>
</tbody>
</table>

Source: Banaskantha District Profile, 2006-07
Airport & Rail Connectivity

**Air**

- The district has an airstrip at Palanpur
- The nearest commercial airport for the district is at Ahmedabad

**Rail**

- Banaskantha is connected to Mumbai-Ahmedabad-Delhi through a broad gauge with a major railway station at the district headquarter, Palanpur
- Other major cities such as Deesa, Deoder, Dhanera and Bhabhar are also connected with the district headquarter via rail link

Source: Banaskantha District Profile, 2006-07, Gujarat Maritime Board, Government of Gujarat
Banaskantha has a well developed network of sub-stations for power. There are four 220 KV sub-stations in the district. An additional substation of a similar capacity is also planned in the district.

Additionally, the district houses a 400 KV and a 132 KV sub-station.

Source: Gujarat State Electricity Board, Government of Gujarat, 2007
Water Supply

- Water supply for industrial purposes in the district can be obtained from three main sources, viz Gujarat Water Supply and Sewerage Board (GSSWB), Irrigation Canal and Sardar Sarovar Narmada Nigam Limited
- The district is irrigated through seven canal networks under Sardar Sarovar Project namely

**Table 5: Sardar Sarovar Branch Canal network**

<table>
<thead>
<tr>
<th>Branch canal</th>
<th>Length (Km)</th>
<th>District</th>
<th>Starting point</th>
<th>Ending point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radhanpur</td>
<td>24</td>
<td>Patan, Banaskantha</td>
<td>Changa</td>
<td>Memdavad</td>
</tr>
<tr>
<td>Kachchh</td>
<td>360</td>
<td>Banakantha, Patan, Kuchchh</td>
<td>Salimgadh</td>
<td>Modkuva</td>
</tr>
<tr>
<td>Vejpur</td>
<td>24</td>
<td>Banaskantha</td>
<td>Dhunsol</td>
<td>Rudi</td>
</tr>
<tr>
<td>Malsanand</td>
<td>15.78</td>
<td>Banaskantha</td>
<td>Khanpur</td>
<td>Khimanavas</td>
</tr>
<tr>
<td>Gadsisa</td>
<td>22.33</td>
<td>Banaskantha</td>
<td>Naroli</td>
<td>Ankoli</td>
</tr>
<tr>
<td>Dhima</td>
<td>14.68</td>
<td>Banaskantha</td>
<td>Vami</td>
<td>Dhima</td>
</tr>
<tr>
<td>Madka</td>
<td>19.05</td>
<td>Banaskantha</td>
<td>Del</td>
<td>Devda</td>
</tr>
</tbody>
</table>

*Source: Sardar Sarovar Narmada Nigam Ltd, 2007*
Gas Grid of length 67.46 km has been identified by Gujarat State Petronet Limited, in Banaskantha district for laying gas pipeline.

The identified route has two sections connects: a) Palanpur to Jaipur, the capital of the neighboring State of Rajasthan with proposed length of 44.86 km and b) Palanpur to Mehsana district with length of 21.17 km.
Proposed Infrastructure Projects

Road Network

- Development of Feeder Road Links to ensure connectivity to identified industrial areas within Dedicated Freight Corridors (DFC) and Hinterlands
- Conversion of Palanpur-Mehsana linkage to Pipavav into six lane

Rail Network

- Gandhidham-Palanpur Gauge Conversion, 313 km for Kandla Port (under implementation stage)

Source: Indian Real Estate: Growth and New Destinations, FICCI and Ernst & Young, 2007
Social Infrastructure
**Education**

- Banaskantha district has around 1,983 primary schools, 153 secondary schools, and 56 higher secondary schools.
- The district has a good network of technical training institutes like ITIs (Industrial Training Institutes), Polytechnic and cottage industry training institutes.
- The ITIs have an intake capacity of 2,028 students every year and offer courses in engineering, textile and automobile areas.

**Map 13: Technical Training Institutes, Banaskantha**

**Table 6: Technical Training Institutes, Banaskantha**

<table>
<thead>
<tr>
<th>Type of Educational Institute</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary schools</td>
<td>1983</td>
</tr>
<tr>
<td>Secondary schools</td>
<td>153</td>
</tr>
<tr>
<td>Higher Secondary schools</td>
<td>56</td>
</tr>
<tr>
<td>Private Arts, Commerce, Science, B.Ed &amp; Law Colleges</td>
<td>7</td>
</tr>
<tr>
<td>Industrial Training Institutes (ITIs)</td>
<td>5</td>
</tr>
<tr>
<td>Cottage Industry Training Institute</td>
<td>2</td>
</tr>
<tr>
<td>Polytechnic College</td>
<td>1</td>
</tr>
</tbody>
</table>

Source: Banaskantha District Profile Booklet 2006-2007
Health

- The district has 64 primary health centers and 422 sub-centers.
- It has a well knit network of private medical care institutions and trust hospitals.
- The district also has Government hospital at Vadgam which is 20 bedded.
- A mobile ayurvedic dispensary has also been sanctioned in Banaskantha district under Special Component Plan.
- Pulse, a multi-specialty women's hospital, has entered into franchisee agreements with hospitals in Idar in Banaskantha to facilitate infertility treatment in the district.

<table>
<thead>
<tr>
<th>Type of Medical Facility</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Health Centres</td>
<td>12</td>
</tr>
<tr>
<td>Primary. health Centres</td>
<td>64</td>
</tr>
<tr>
<td>Sub Centers</td>
<td>422</td>
</tr>
<tr>
<td>Government Hospitals</td>
<td>2</td>
</tr>
<tr>
<td>Private. Medical care Institutions including Trust hospitals</td>
<td>979</td>
</tr>
</tbody>
</table>

Source: Banaskantha District Profile Booklet 2006-2007
Tourism
Tourism

- The district has immense tourism potential because of the presence of **pilgrimages like Ambaji & Kumbharia**
- Around 43.3% of the tourist inflow in Gujarat was for religious purposes and Ambaji has emerged as the second most popular tourist destination in Gujarat
- Apart from Ambaji, Banaskantha has other interesting places like Kumbharia which is a religious place for Jains, Balram-Ambaji Sanctuary, Balram Palace Resort at Balrampur, Jessore Sloth Bear Sanctuary and Kedarnath Mahadev Temple in Jessore (32 Km from Palanpur)
- Jessore also offer excellent trekking options through its hilly terrain and is famous for sloth bear sanctuary

Investment Opportunities
Investment Opportunities

Agro & Food Processing

Banaskantha offers varied opportunities across the Agro & food processing value chain as depicted below

- Agricultural Productions
  - Drip & Sprinkler irrigation, Micro irrigation

- Processing & Supply Chain
  - Sorting, packaging & processing
  - Instant packed/frozen Vegetables

- Infrastructure & Machinery
  - Food & agro parks
  - Multi Commodity Cold Chain/integrated pack houses
  - Terminal market

* Detailed Sector/Project Profiles for investment opportunities available at [www.indextb.com](http://www.indextb.com)
Investment Opportunities

Tourism

- Highway restaurants
- Motels
- Heritage resorts
- Budget hotels
- Amusement parks

Mineral Based Industries

- Extraction, processing and manufacturing of granite and marble into semi-final or final products
- Cement manufacturing units

* Detailed Sector/ Project Profiles for investment opportunities available at www.indextb.com
Annexure I

**Maps**
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- Map 5: GIDC Industrial Estates
- Map 6: Delhi-Mumbai-Industrial Corridor
- Map 7: Palanpur-Sidhpur-Mehsana Industrial Area
- Map 8: Banaskantha Road Network
- Map 9: Banaskantha Air Connectivity
- Map 10: Banaskantha Rail Network
- Map 11: Banaskantha Power Network
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- Figure 5: Share of Banaskantha in Cow Pea Production of the State
- Figure 6: Share of Banaskantha in Cluster Bean Production of the State
- Figure 7: Share of Banaskantha in Tomato Production of the State
- Figure 8: Spice Production in Banaskantha
- Figure 9: Share of Banaskantha in Isabgul Production of the State
- Figure 10: Share of Banaskantha in Fennel Production of the State
- Figure 11: Share of Banaskantha in Fenugreek Production of the State
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- Table 6: Technical Training Institutes, Banaskantha
- Table 7: Healthcare Facilities, Banaskantha
Annexure II : Abbreviations

**DFC**: Dedicated Freight Corridor

**MSI**: Medium Scale Industry

**LSI**: Large Scale Industry

**SSI**: Small Scale Industries

**SEZ**: Special Economic Zone

**DMIC**: Delhi Mumbai Industrial Corridor

**DFC**: Delhi Freight Corridor

**GWSSB**: Gujarat Water Supply and Sewerage Board

**ITI**: Industrial Training Institutes