

## Social Sectors

In the last one-year, two important aspects of human development – food security and education, have been accepted as constitutional rights in India. These are important first steps to address the fact that the historically low quality of human life in the country as a whole compared to the rest of the world has further slipped down in the period of accelerated economic growth in India. In these circumstances, human development in Bihar has the challenge of bridging a double historical gap – that of the distance from the world average and also the distance from the all-India-State average. The development gap in terms of Per Capita Development Expenditure (PCDE) between India's all-State average and post-bifurcation Bihar is presented in the below mentioned table.

In 2001-02, Bihar's PCDE was less than half of the national average. This gap widened between 2002-03 and 2004-05, but had started narrowing between 2005-06 and 2007-08. There was again a reversal in this trend in 2008-09. In 2009-10 and 2010-11, there are projected spurts in PCDE in Bihar, but the overall distance from the all-State average has started widening again.

**Per Capita Development Expenditure (PCDE)**  
(PCDE – Total amount of money spent on development divided by the people involved.)

<b>Per Capita Development Expenditure</b>		
<b>Year</b>	<b>India (INR)</b>	<b>Bihar (INR)</b>
2001-02	1549	952
2002-03	1762	1098
2003-04	1840	1165
2004-05	1992	1037
2005-06	2090	1455
2006-07	2299	1907
2007-08	2825	2218
2008-09	3145	1920
2009-10	4477	2486
2010-11	4838	2617

Source: RBI

## Literacy and Education

Literacy Rate		
Year	Male (%)	Female (%)
2001	59.70	33.60
2011	73.39	53.33

## Centres of Higher Education

Institution	2009
Universities	13
Research Institute	15
Colleges / Institute	815
Govt Colleges	451
Teacher Training Center	15

Source: Department of Human Resource Development, Government of Bihar

## Initiatives undertaken by the Government of Bihar

There have been additions to the existing educational infrastructure with a new Indian Institute of Technology (IIT) and a Central University being established in Patna. There would be an All India Institute of Medical Sciences (AIIMS) and an international university at Nalanda at a cost of US \$ 229 million. The Government of Singapore would donate US \$ 4 – 5 million for the library of the proposed Nalanda University. The subjects taught would include Buddhist Studies, Philosophy and Comparative Religions, Historical Studies, International Relations and Peace Studies, Business Management in relation to Public Policy and Development Studies, Languages and Literature and Ecology and Environmental Studies

## Development / Interventions in Schools

- 20,000 teachers have been appointed in the secondary and higher secondary schools.
- 2,900 secondary schools have been upgraded to senior secondary schools.
- 108 model schools are being given US \$ .68 million (INR 3.08 crore) each for construction of buildings.

- 92 hostels for girls are being given US \$ .09 million (INR 425 crore) each for construction of buildings.
- Merit-cum-means based education policy has ensured grants for institutions based on student performance.
- US \$ 24.20 million (INR 108.97 crore) has been given to 22,350 primary and upper primary schools under Mukhyamantri Samagra Vidyalaya Vikas Yojana.
- US \$ 133.26 million (INR 600 crore) has been given to 40,000 schools to build boundary walls under Chahardiwari Yojana.

### **Interventions in Primary and Secondary Education**

- US \$ 7.51 million (INR 33.8136 crore) has been given to 67,694 middle schools at US \$ 112 (INR 5,000) per school for Mukhyamantri Paribhraman Yojana. 2,938 secondary schools are being brought under coverage.
- US \$ 19.22 million (INR 86.5376 crore) has been disbursed to 30,042 schools for development of sports.
- Under Balika Poshak Yojana, US \$ 57.26 million (INR 257.8183 crore) has been disbursed. 36,82,845 girl students have benefited from this scheme.
- 88 lakh students have benefited from Mukhyamantri Poshak Yojana. US \$ 97.73 million (INR 440 crore) has been disbursed.
- Under Hunar Yojana, 9,232 minority girls have been trained to develop skills in various trades.
- Under Aujaar Yojana, 7,684 girls have been given funds to buy instruments for which US \$ .51 million (INR 2.308 crore) was spend.
- In 2009-10, under Mukhyamantri Balika Cycle Yojana, 8,71,840 girls were given cycle entailing a total expenditure of US \$ 38.73 million (INR 174.368 crore). In 2010-11, 4,90,000 girls are being given cycle entailing a total expenditure of US \$ 21.77 million (INR 98 crore).
- Under 2009-10 under Mukhyamantri Balak Cycle Yojana, 5,64,663 boys were given cycle entailing a total expenditure of US \$ 25.08 million (INR 112.9327 crore). In

2010- 11, 6,35,000 boys are being given cycle entailing a total expenditure of US \$ 28.21 million (INR 127 crore).

- Under Mukhyamantri Balika Protsahan Yojana, every girl student passing secondary level examinations with a first division is being given US \$ 220 (INR 10,000) each for encouragement.

### **Vision for School Education in the State (2010 - 2015)**

- The government will ensure that all out-of-school children will be mainstreamed into the primary education system.
- The teacher-pupil ratio and the classroom pupil ratio will be standardized according to the provisions of the Right to Education Act.
- Skill development and vocational training programmes will be extended and implemented in the effort to improve the quality of primary education.
- All school children from Class I (one) to Class VIII (eight) will be provided uniforms free of cost.
- To ensure coverage of secondary education in the entire State, one secondary school will be set up at a distance of every 5 kms.
- Special programmes will be undertaken to increase the reach and improve the quality of education among minorities, scheduled castes, scheduled tribes and extremely backward classes.

### **To translate the above vision into practice, efforts are on to:**

1. Provide new schools as per government norms to all habitations, which satisfy the criteria.
2. Plan transport facility / allowance and residential schools / hostels to cover the children of habitations, which do not qualify the norm for school establishment.
3. Map and cover migrant children through work-site centres, seasonal hostels.

4. Track all out-of-school children with community involvement.

### **Vision for Higher Education (2010-15)**

- Government of Bihar is committed to opening of one-degree college in every subdivision.
- A Skill Development Corporation will be set up to ensure sustainable livelihoods for the youth of the State.
- A new policy will be formulated to make Bihar a hub for technical education.
- At every block office in the State, a mini-ITI (Industrial Training Institute) will be opened / set up.
- In every sub-division, one industrial technical training institute will be set up.
- Every district will have one polytechnic institute while every division will have engineering and a medical college.

### **Health and Family Welfare**

Total Population (in million)	103.8
Crude Birth Rate	28.9
Crude Death Rate	7.3
Total Fertility Rate	3.9
Infant Mortality Rate	56
Maternal Mortality Ratio	312

Note: Crude Birth Rate: Total number of births per year per 1000 people.

Crude Death Rate: Total number of deaths per year per 1000 people.

Total Fertility Rate: Average number of children that would be born to a woman over her lifetime.

Infant Mortality Rate: Number of deaths of babies under one year of age per 1000 live births).

### Number of Patients Visiting Government Hospitals

Month	Number of patients per facility per day				
	2006	2007	2008	2009	2010 (upto Oct)
Jan	39	2,243	2,522	1,597	3,526
Feb	653	2,224	2,693	3,161	4,288
Mar	1,018	2,257	2,778	4,264	4,841
Apr	1,101	2,120	2,825	3,595	4,674
May	1,306	2,784	3,908	3,155	4,957
Jun	1,547	3,508	3,900	3,875	5,069
Jul	2,758	4,093	4,905	4,538	5,857
Aug	3,063	3,851	4,817	4,591	5,874
Sep	2,685	4,140	5,521	4,280	4,406
Oct	2,454	4,513	4,505	3,991	4,768
Nov	2,638	3,188	3,884	4,819	-
Dec	2,565	1,998	4,000	4,042	-

Source: State Health Society

### Health Infrastructure Shortfall

Category	Required	Existing	Shortfall
Sub-Centre	14,959	8,858	6,101
Primary Health Centre	2,489	1,774	715
Community Health Centre/Referral Hospitals	622	70	552
Auxiliary Nurse & Mid Wife	10,499	9,639	860

Source: State Health Society, National Rural Health Mission

### Financial Overview of Health Expenditure (INR crore)

Year	Approved Budget	Fund Received		Total Received	Total Expenditure	% Utilization against Receipts
		GOI	GOB			
2005-06	398.22	124.33	-	124.33	38.62	31.10
2006-07	571.42	328.75	51.84	380.59	92.14	24.20
2007-08	680.70	240.20	175.37	415.57	237.80	57.20
2008-09	766.69	645.10	0.19	645.29	339.75	52.60
2009-10	1,040.66	411.28	215.41	626.69	562.53	89.80
2010-11 (upto Oct)	1,029.15	271.63	95.72	367.35	273.83	74.50
<b>Total</b>	<b>4,486.84</b>	<b>2,021.29</b>	<b>538.53</b>	<b>2,559.82</b>	<b>1,544.67</b>	<b>60.30</b>

Source: State Health Society

**GOI: Government of India**

**GOB: Government of Bihar**

**Investment in Health Infrastructure (2008 – 10)**

<b>Name of Investor</b>	<b>Details</b>	<b>Approximate Investment (US \$ Million)</b>
Employees' State Insurance Corporation	Medical College & Hospital	45.88
Medical World	Dental & Para Medical College	35.85
All India Asian Educational Foundation	Institute of Medical Sciences, Dental Sciences & Nursing	35.85
Apollo Hospitals	General Hospital	8.96
Narayan Chikitsalaya	Medical College & Hospital	Not Available
Maity Holy Health & Welfare Society	Medical College & Hospital	Not Available

Source: State Investment Proposal Board



**Annexure – I**  
**Department and Agencies of the Government of Bihar**  
**(Contact Details and Functions)**

<b>Departments / Agencies</b>	<b>Functions</b>
<p style="text-align: center;">Department of Industries  Principal Secretary  Bailey Road, Vikas Bhawan  New Secretariat  Patna 800 015  Tel: +91 612 2215211  Email: <a href="mailto:idx_bihar@yahoo.co.in">idx_bihar@yahoo.co.in</a>  Website: <a href="http://www.industries.bihar.nic.in">www.industries.bihar.nic.in</a></p>	<p style="text-align: center;">Formulates the Industrial Policy, coordinates applications from investors, processes and facilitates granting of clearances from various departments.</p> <p style="text-align: center;">The Department also oversees the functioning of the food processing sector</p>
<p style="text-align: center;">Bihar Industrial Area Development Authority (BIADA)  Managing Director  Udyog Bhawan, 1st Floor  East Gandhi Maidan  Patna 800 004  Tel: +91 612 2302914 / 2302945  Email: <a href="mailto:md@biadabihar.in">md@biadabihar.in</a>  Website: <a href="http://www.biadabihar.in">www.biadabihar.in</a></p>	<p style="text-align: center;">Supports entrepreneurs in setting up industries and provides assistance and incentives under the Industrial Policy</p>
<p style="text-align: center;">Bihar Infrastructure Development Authority  Managing Director  Udyog Bhawan, First floor  East Gandhi Maidan  Patna 800 004  Tel: +91 612 2675914  Email: <a href="mailto:md@idabihar.com">md@idabihar.com</a>  Website : <a href="http://www.idabihar.com">www.idabihar.com</a></p>	<p style="text-align: center;">Attracts private sector participation in infrastructure projects and ensures the speedy processing multi departmental clearances</p>

<b>Departments / Agencies</b>	<b>Functions</b>
<p>Department of Energy Principal Secretary Seenchai Bhawan, Harding Road Patna 800 015 Tel: +91 612 2217412 Email: energy-bih@nic.in Website: www.energy.bih.nic.in</p>	<p>Formulates plans and policies aimed at the development of Generation, Transmission and Distribution of electricity in the state</p>
<p>Bihar State Electricity Board (BSEB) Chairman Bailey Road Patna 800 021 Tel: +91 612 2504036 Email: chairmanbseb@yahoo.co.in Website: www.bseb.org</p>	<p>Promotes and coordinates the development of Generation, Supply and Distribution of electricity in the state on an efficient and economic basis</p>
<p>Department of Information Technology Principal Secretary Vidyut Bhawan, Bailey Road Patna 800 001 Tel : +91 612 2545615 Email : prsec_it@bihar.gov.in Website: www.biharonline.gov.in/it</p>	<p>Responsible for building IT infrastructure in the state to promote applications like E – Governance, Citizen Services, E – Literacy and IT Education</p>
<p>Department of Tourism Principal Secretary Old Secretariat Patna 800 015 Tel:+91 612 2234194 / 2215531 Email:secy@tourismbihar.org Website: www.tourismbihar.org</p>	<p>Nodal Department for the formulation of policies and programmes to promote tourism infrastructure in the state</p>

<b>Departments / Agencies</b>	<b>Functions</b>
<p>Department of Environment &amp; Forests Principal Secretary Vikas Bhanwan Patna 800 001 Tel: +91 612 2217713 Email: anjani41@yahoo.com Website: www.forest.bih.nic.in</p>	<p>Conservation of natural heritage and endowments Protection of wild birds and animals</p>
<p>Department of Urban Development Principal Secretary Vikas Bhawan, Bailey Road Patna 800 001 Tel: +91 612 2215580 Email: urbansec-bih@nic.in Website: www.urban.bih.nic.in</p>	<p>Development of Urban infrastructure Town and Country Planning</p>
<p>Department of Water Resources Principal Secretary Seenchai Bhawan Sachivalaya Patna 800 015 Tel: +91 612 2217377 Email: wrdbih@nic.in Website: www.wrd.bih.nic.in</p>	<p>Constructs, maintains and regulates major and medium irrigation projects, flood control and drainage works</p>
<p>Department of Commercial Taxes Commissioner &amp; Secretary Vikas Bhawan Bailey Road Patna 800 001 Tel: +91 612 2214741 Email: finsecy-bih@nic.in Website: www.comtax.bih.nic.in</p>	<p>Administers the Excise and other Commercial Taxes of the state</p>

<b>Departments / Agencies</b>	<b>Functions</b>
<p>Registrar of Companies Maurya Lok Complex Block A Western Wing 4th Floor Dak Bunglow Road Patna 800001 Tel: +91 612 222172 Email: roc.patna@mca.gov.in Website: www.mca.gov.in</p>	<p>Registers companies floated and ensures that such companies comply with the statutory requirements under the Companies Act</p>
<p>Chief Inspector of Factories Department of Labour Shram Bhavan, Bailey Road Patna 800 001 Tel: +91 612 2213855 Email: seclab-bih@nic.in Website: www.labour.bih.nic.in</p>	<p>Enforces laws governing occupational health, safety, welfare, work – environment, leave with wages, working hours etc. in factories under the provisions of the Factories Act, 1948</p>
<p>State Fire Officer State Fire Service Department of Home Old Secretariat Patna 800 015 Tel: +91 612 2217467 Website: www. home.bih.nic.in</p>	<p>Fire Management Issuing Fire clearances to businesses</p>

**Annexure – II**  
**Granting of Approvals and Licenses**

<b>Approvals &amp; Clearances Required</b>	<b>Departments / Agencies Involved</b>
Incorporation of Company	Registrar of Companies
Registration of Industrial Entrepreneurs Memorandum Issue of Industrial Licenses	Department of Industries
Allotment of Land	Bihar Industrial Area Development Authority (BIADA)
Permission for Land Use	Department of Revenue & Land Reforms
Registration under Factories Act & Boilers Act	Inspector of Factories Inspector of Boilers
Site Environmental approval Issuance of No Objection Certificate under Water & Pollution Control Acts	Bihar State Pollution Control Board Department of Environment & Forest
Approval of construction activity and building plan	Department of Urban Development & Housing
Sanction of Power	Bihar State Electricity Board
Sanction of Water	Department of Water Resources
Fire Service Clearance	State Fire Service
Registration under Sales Tax Act, Central & Excise Act	Department of Sales Tax, Central & State Excise

**Annexure – III (Cost Estimates)****Cost of Doing Business in Bihar**

This gives an insight into various cost estimates for doing business in Bihar.

Cost of Land per acre*	Government Land: USD 72,000 in Hazipur (leading industrial area of the state); USD 20,300 (Upcoming industrial area like Muzzaffarpur)
Hotel Costs**	USD 86 to USD 95 per room night
Cost of office space***	20-35 cents per square foot per month
Cost of Residential Space***	USD 143 to USD 281 per month for a 2,000 square feet house (Rates depend on the type of structure and location)
Power Cost****	<p>Industrial use:</p> <p>1) LT Ind.- (a) Up to 25 HP 9.2 cents per kWh (b) 26 to 99 HP 9.5 cents per kWh</p> <p>2) HT Ind.- (a) Up to 33KVA 9.2 cents per kWh (b) 34 to 132 KVA 9.3 cents per kWh (c) 75 to 1500 KVA 9.4 cents per kWh.</p> <p>Commercial use: (a) 1 to 100 KW 9.3 cents per kWh (b) 101 to 200 KW 10 cents per kWh (c) More than 200 KW 10.67 cents per kWh</p>
Cost of Water*****	Commercial & Industrial: Not Regulated. Industries are allowed to set up their own water pump to draw ground water.

\*Source: Bihar Industrial Area Development Authority

\*\*Source: Leading hotels in the state

\*\*\*Source: Discussions with property dealers

\*\*\*\*Source: Superintendent Engineer (Supply) Bihar State Electricity Board.

\*\*\*\*\*Source: Deputy Director, Dept. of Industries, Govt. of Bihar.