



सत्यमेव जयते
Government of India
Ministry of MSME

Brief Industrial Profile of Dhanbad District



सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES

Carried out by:-

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Brief Industrial Profile of Dhanbad District

1. General Characteristics of the District:

Dhanbad District, an administrative district of Jharkhand has its headquarter at Dhanbad. It was formed on 1st November 1956. Previously it was a part of Manbhum District. The district lies between 23° 25' to 24° 04' (North) Latitude and 86° to 86° 50' (East) Longitude. Dhanbad district is one of the leading industrially developed regions of Jharkhand state. It is famous as 'Coal Capital'. There are mainly two PSUs coal lifting organizations functioning in the district namely Bharat Coaking Coal Limited (BCCL) and Eastern Coalfield Limited (ECL) under the Coal India Limited. Besides the above two PSUs, IISCO and TISCO are also lifting coal from Dhanbad district. Dhanbad District is surrounded by Giridih and Jamtara in the north, by Burdwan (West Bengal) in the east, by Purulia (West Bengal) in the south and by Bokaro in the west. The total geographical area of the district is about 2996 Sq. km. (approx).

1.1 Location & Geographical Area :

The district lies between 23° 25' to 24° 04' (North) Latitude and 86° to 86° 50' (East) Longitude. The Dhanbad District is surrounded by following districts of Jharkhand and West Bengal:-

- (a) North : Giridih and Jamtara
- (b) East : Burdwan (West Bengal)
- (c) South : Purulia (West Bengal)
- (d) West : Bokaro

The total geographical area of the district is 2996 Sq. km. (approx).

Topography:

Dhanbad district is situated in the Eastern part of Jharkhand state. The Climate of Dhanbad district is semitropical with hot & dry in summer and cold in winter through out the district. The temperature varies from 46°C maximum to 22°C in summer and 22°C maximum to 8°C minimum in winter. The height of the district above sea level is 761ft. (232 Mts). The annual rainfall varies from 110cm to 148cm. The two important rivers Damodar and Barakar are passing North and South side of the district. Hydal Power Project of DVC is situated on Barakar River at Maithan of Dhanbad district having power generation capacity of 60,000 K.W.H.

Source: O/o the Deputy Commissioner, (Esstt. Section), Dhanbad.

1.3 Availability of minerals:

PRODUCTION OF MINERAL (2010-2011)

Sl. No.	Name of Mineral	Unit	Production 2010-2011
MAJOR MINERAL			
1	COAL	Lakh tones	319.44
MINOR			
1.	Stone	Lakh Cub. Mtr.	2.48
2.	Sand	Lakh Cub. Mtr.	0.298
3.	Quartz	Lakh tones	0.03
4.	Bricks	Nos. in lakh	850.00

Source: Dept. of Mines & Geology

1.4 FOREST: In Dhanbad district total area covered under forest is about 46773.27 Acres or 18709.31 hectares but most of the forest is barren and bush type.

1.5 Administrative set up: Dhanbad town is the Division headquarter of Dhanbad itself. For administrative purpose the district has been divided into 1 sub-division and 08 nos. of Blocks / Tehsils as follows :-

Sub-Division: 1 No. (Dhanbad)

Blocks / Tehsils :- 08 Nos.

1. Dhanbad
2. Jhari
3. Govindpur
4. Nirsa
5. Baliapur
6. Topchanchi
7. Baghmara &
8. Tundi

There are 256 Nos. of Grampanchayat, 1348 Nos. of villages, 01 Municipal Corporation & 01 Notified Area Chirkunda in the district.

2 District at a glance:

Sl. No	Particulars	Year	Unit	Statistics
1	Geographical features			
A	Geographical Data:			
	i. Latitude	23° 25' to 24° 04' (North)		
	ii. Longitude	86° to 86° 50' (East)		
	iii. Geographical Area		Hectares	201801.45
B	Administrative Units:			
	i. Sub divisions	2011	Nos.	01
	ii. Blocks/Tehsils	2011	Nos.	08
	iii. Sub-tehsil	2011	Nos.	N.A.
	iv. Patwar Scale	2011	Nos.	N.A.
	v. Panchayat Samitis	2011	Nos.	256
	vi. Nagar Nigam	2011	Nos.	01
	vii. Nagar Parisad	2011	Nos.	01
	viii. Gram Panchayats	2011	Nos.	256
	ix. Revenue Village	2011	Nos.	1348
	x. Assembly Area	2011	Nos.	06
2.	Population Total:	2011	Nos.	2682662
A	Sex-wise population:			
	i. Male	2011	Nos.	1405847
	ii. Female	2011	Nos.	1276815
B	Rural Population	2011	Nos.	1123246
3.	Agriculture: (Land Utilization)			
A	i. Total Area	2010-11	Hectares	201801.45
	ii. Agriculture Land	2010-11	Hectares	89200.25
	iii. Non Agriculture Land	2010-11	Hectares	55058.96
	iv. cultivable Barren land	2010-11	Hectares	57542.21
4.	Forrest:			
	i. Forest Area	2011	Hectares	18709.31
5	Livestock & Poultry:			
A	Cattle:			
	i. Cows	2007	Nos.	208147
	ii. buffaloes	2007	Nos.	42716
B	Other Livestock:			
	i. Goats	2007	Nos.	198987
	ii. Pigs	2007	Nos.	30786
	iii. Dogs & bitches	2007	Nos.	DATA N.A.
	iv. Poultry Birds	2007	Nos.	449768
	v. Sheep	2007	Nos.	99848

3.

C	Transport Communication:			
	i. Railways:			
	a. Length of Railway Line	2010-11	K.M.	116.6
	ii. Roads:			
	a. National Highway	2010-11	K.M.	128
	b. State Highway	2010-11	K.M.	283
	c. Main District Highway	2010-11	K.M.	24.4
	d. Other Districts & rural roads	2010-11	K.M.	2444
	e. Rural Roads/ Agriculture Marketing Board Roads	2010-11	K.M.	Data N.A.
	f. Kachcha Road	2010-11	K.M.	Data N.A.
	iii. Other Communication:			
	a. Telephone Connection	2010-11	Nos.	N.A.
	b. Post Offices	2010-11	Nos.	64
	c. Telephone Exchange	2010-11	Nos.	16
	d. Density of Telephone	2010-11	Nos/1000 person	35
	e. Density of Telephone	2010-11	Nos. per Km	N.A.
	f. PCO Rural	2010-11	Nos.	N.A.
	g. PCO STD	2010-11	Nos.	N.A.
	h. Mobile	2010-11	Nos.	N.A.

Source: O/o the Deputy Commissioner, (Esstt. Section), Dhanbad/ Dy. G.M., BSNL, Dhanbad.

	iv. Public Health:			
	a. Allopathic Hospital	2011	Nos.	04
	b. Beds in Allopathic Hospitals	2011	Nos.	294
	c. Ayurvedic Hospitals	2011	Nos.	N.A.
	d. Beds in Ayurvedic Hospitals	2011	Nos.	N.A.
	e. Unani Hospitals	2011	Nos.	N.A.
	f. Community Health Centers	2011	Nos.	28
	g. Primary Health Centre	2011	Nos.	13
	h. Dispensaries/Medicine Distribution Centre	2011	Nos.	1495
	i. Health Sub-Centre	2011	Nos.	137
	j. Private Nursing Home	2011	Nos.	52
	v. Banking Commercial:	2011	Nos.	
	a. Commercial Bank	2011	Nos.	176
	b. Rural Bank	2011	Nos.	08
	c. Co-operative Bank	2011	Nos.	08
	d. PLDB Branches	2011	Nos.	N.A.
	vi. Education:	2011		
	a. Primary School	2011	Nos.	1346
	b. Middle School	2011	Nos.	566
	c. Secondary & Sr. Secondary Schools/ Inter College	2011	Nos.	113
	d. Basic School	2011	Nos.	04
	e. Minority School	2011	Nos.	09
	f. Madarsa School	2011	Nos.	04
	g. Degree Colleges	2011	Nos.	14
	h. Engineering College	2011	Nos.	02
	i. Medical College	2011	Nos.	01
	j. Homeopathic College	2011	Nos.	N.A
	k. Law College	2011	Nos.	01
	l. Technical University	2011	Nos.	N.A.

Source: O/o the Deputy Commissioner, (Esstt. Section), Dhanbad

2.4 Existing status of Industrial Area in the Dhanbad District:

Sl. No.	Particulars of Industrial Area	Kandra (Hectares)	Sindri (Hectares)
1.	Area of Industrial Estate	53.83	22.00
2.	No. of Plot / Shed Developed	186	98
3.	No. of Plot / Shed Allotted	129	31
4.	No. of Plot / Shed Under Construction	21	5
5.	No. of Plot / Shed Vacant for Allotment	57	57
6.	No. of Registered Units	63	13
7.	No. of Units in Production / Working	25	7

Source: BIADA, Bokaro.

3. INDUSTRIAL SCENARIO OF DHANBAD DISTRICT:

3.1 Industry at a Glance;

Sl. No.	Head	Unit	Particulars
1	Registered Industrial Unit	No.	2079
2	Total Industrial Unit	No.	3250
3	Registered Medium & Large Unit	No.	14
4	Estimated Avg. No. of daily worker employed in small scale industries	No.	750
5	Employment in large and medium industries	No.	Data Not. Available.
6	No of Industrial Area	No.	02.
7	Turn of Small Scale Industries	IN LACS	N.A.
8	Turnover of Medium & Large Scale Industries	IN LACS	N.A.

Source: DIC, Dhanbad.

3.2 Year wise trend of units registered:

	Year	Number Of Registered Units	Employment	Investment (Lakh Rs.)
Up to	1984-85	N.A.	N.A.	N.A.
	1985-86	N.A.	N.A.	N.A.
	1986-87	N.A.	N.A.	N.A.
	1987-88	N.A.	N.A.	N.A.
	1988-89	N.A.	N.A.	N.A.
	1989-90	N.A.	N.A.	N.A.
	1990-91	N.A.	N.A.	N.A.
	1991-92	N.A.	N.A.	N.A.
	1992-93	N.A.	N.A.	N.A.
	1993-94	N.A.	N.A.	N.A.
	1994-95	83	304	61.54
	1995-96	108	494	89.14
	1996-97	130	701	92.82
	1997-98	117	552	87.66
	1998-99	136	610	105.12
	1999-2000	139	837	105.09
	2000-01	211	530	283.93
	2001-02	204	590	311.88
	2002-03	203	937	267.32
	2003-04	203	500	404.83
	2004-05	204	625	471.49
	2005-06	203	525	555.12
	2006-07	127	293	146.80
	2007-08	124	1298	2167.95
	2008-09	166	1538	1584.04
	2009-10	140	1047	1779.30
	2010-11	152	1375	1767.34
	Total	2650	12756	14476.93

Source: DIC, Dhanbad

3.3 Details of Existing Micro & Small Enterprises and Artisan Units in the District:

NIC CODE NO	Type of Industry	Number Of Units	Investment (In Lakh Rs.)	Employment
20	Agro based	154	610.15	612
22	Soda Water	-----	-----	-----
23	Cotton textile	-----	-----	-----
24	Woolen, silk & artificial thread based clothes	11	40.25	57
25	Jute & jute based	07	27.10	24
26	Ready made garments & embroidery	261	1040.15	1048
27	Wood/wooden based furniture	213	842.10	847
28	Paper & paper products	04	94.36	38
29	Leather based	82	325.00	324
31	Chemical/Chemical based	48	192.30	185
30	Rubber, Plastic & petro based	37	148.20	143
32	Mineral based	410	2100.77	4021
33	Metal based (Steel fab.)	119	480.65	473
35	Engineering units	152	610.80	612
36	Electrical Machinery and transport equipment	-----	-----	-----
97	Repairing & servicing	225	833.75	887
01	Others	320	1053.90	1692

Source: DIC, Dhanbad

3.4 Large Scale Industries/ Public Sector Undertakings:

List of the units in Dhanbad & Near By Area:

- 1. Bharat Coking Coal Limited (BCCL), Dhanbad**
- 2. Eastern Coalfield Limited (ECL), Mugma, Dhanbad**
- 3. Damodar Valley Corporation, Maithan, Dhanbad**
- 4. Damodar Valley Corporation, Panchet, Dhanbad**
- 5. Tata Iron and Steel Co. (TISCO), Digwadih, Dhanbad**
- 6. Indian Iron and Steel Co. (IISCO), Jamadoba, Dhanbad**

3.5 Major Exportable Item:

Coal & Coal Products, Electricity.

3.6 Growth Trend: Growth Trend of Micro & Small Enterprises :

Year	No. of Micro/ Tiny & Artisan Enterprises	Investment (in Lakh)	Employment	No. of Small Enterprises	Investment (in Lakh)	Employment
2000-01	204	252.33	480	07	31.60	50
01-02	195	278.86	527	09	33.02	63
02-03	196	230.30	880	07	37.02	57
03-04	195	360.03	422	08	44.80	78
04-05	197	419.00	550	07	52.49	75
05-06	194	450.06	430	09	105.06	95
06-07	122	130.60	270	05	16.20	23
07-08	109	1468.55	987	14	497.45	248
08-09	160	922.00	1058	06	662.04	478
09-10	129	706.38	690	11	802.44	341
10-11	144	801.10	852	08	978.20	523
11-12	127	721.13	702	15	1046.21	589

3.7 Vendorisation / Ancillarisation of the Industry:

Kandra Industrial Area has been developed as an ancillary of BCCL, however an ancillary of Bokaro Steel Plant, Bokaro Steel City and Damodar Valley Corporation, Maithan, Dhanbad can also be developed.

3.8 Medium Scale Enterprises:

3.8.1 List of the units in Dhanbad & near by area:

7. Valley Magnetite Co., Chirkunda, Dhanbad
8. Maithan Ceramic Pvt. Ltd., Chirkunda, Dhanbad
9. Valley Refractories Pvt. Ltd., Chirkunda, Dhanbad
10. Kunj Iron Products Ltd., Chirkunda, Dhanbad
11. Anup Malleables Ltd., Govindpur, Dhanbad
12. ACC Cement Co., Sindri, Dhanbad
13. Hidustan Malleable and Forging Ltd., Bhuli, Dhanbad
14. Jagran Prakashan Ltd. Panchsheel, Dhanbad
15. Rajhans Refractories Pvt. Ltd., Katrasgarh
16. Jharia Fire Bricks and Potteries, Dhanbad
17. I.D.L. Industries Ltd., Dhanbad

3.8.2 Major exportable items:

Engineering Products, Magnetite, Ceramic Products, Refractories Products, Cement, e.t.c.

3.9 Service Enterprises:

3.9.1 Coaching Institutes, Mobile & Computer Hardware Institutes, Automobile Repairing, Xerox, Electric Motor Binding, A.C. & Refrigerator Repairing, Electrical goods Repairing, Photography Studio, Beauty Parlour, Hotels & Restaurants e.t.c. are main service sector enterprises in the districts in which thousands of peoples are getting employment.

3.9.2 Potentials areas for service enterprises:-

- 1. Packaged food industry**
- 2. Printing press**
- 3. Hostels & Restourants**
- 4. Photostat & Lamination**
- 5. Photography**
- 6. Beauty Parlour**
- 7. T.V. Repairing**
- 8. A.C. & Freeze Repairing**
- 9. Electric Motor Binding**
- 10. Computer Hardware Maintenance & Networking**

3.10 Potential for new MSMEs:-

Agro Based:-

- 1. Rice Mill**
- 2. Dal Mill**
- 3. Oil Mill**
- 4. Chuda Mill**
- 5. Sattu Mill**
- 6. Flour Mill**
- 7. Mushroom Cultivation**
- 8. Pop Corn**

Forest Based:-

- 1. Wooden Furniture**
- 2. Cane Basket**
- 3. Leaf Plate & Dish**
- 4. Bamboo Basket for Chicks.**
- 5. Herbal Medicine**
- 6. Herbal / Medicinal Plant Cultivation**
- 7. Wooden Truck Body Building**

Livestock Based:-

- 1. Leather shoes/chappals,**
- 2. Leather fancy items such as hand glove, purses, belts, etc.**
- 3. Various milk products.**

Mineral Based:-

1. Fly Ash Bricks
2. Stone Chip cutting and polishing unit
3. Mineral Grinding specially soap stone & Quartz
4. Chimney Bricks
5. De-Hydrated Lime
6. Refractory Bricks
7. Coal Based Industry such Hardcoke, Coal Briquette etc.

Technology Based:-

1. Automobile Repairing Shop
2. Motorcycle / Scooter Repairing Shop
3. Cycle Repairing Shop
4. Steel furniture & Almirah
5. Steel Shutter Gate
6. Tyre re-trading
7. Gate and Grill Shop

Metallurgical & Engineering Based:-

1. Re-Rolling Mill
2. C.I. Casting
3. Steel Casting
4. Automobile Spare Parts
5. Wire Nail
6. Ferrous & Non-ferrous Casting
7. Aluminium Utensils
8. Sheet Metal Work
9. Agricultural Instruments
10. Steel Hinge & Bolt
11. Nut & Bolt
12. Metallic Window & Door frame
13. Rolling Shutter
14. Cycle Chain Cover
15. G.I. Bucket / tubes

Chemical Based:-

1. Paints & Vanish
2. Washing Soap
3. Detergent Powder
4. Utensil Cleaning Bar & Powder
5. Storage Battery
6. Agarbatti
7. Wax Candle
8. Black/White Phenyl
9. Bleaching powder
10. PVC pipes

Paper Based:-

1. Paper Plate & Cup
2. Paper Envelop
3. Exercise Books & Register
4. File Cover & File flap
5. Letter pad
6. Computer Stationery
7. Paper Sweet Box

Plastic & Rubber Based:-

1. Auto Rubber Component & Rubber Washer
2. Hoses (Rubber)
3. Blow Mould Container
4. P.V.C. Chappal
5. Polythene Carry Bag
6. Plastic Pipe for Electric Fitting
7. Plastic Pipe for Sanitary Fitting
8. Plastic Cup & Glass.
9. Disposable Syringe

Hosiery & Textile Based: -

1. Readymade Garments Manufacturing
2. Ganji / Janghia Stitching
3. Saree Fall Making
4. Cotton Undergarments (Petticoat, Bra, Underwear) Manufacturing
5. Socks Manufacturing

Food Based:-

1. Confectionery Manufacturing
2. Sewai / Noodles Manufacturing
3. Mechanised Bread / Biscuit Manufacturing
4. Ice-Cream Manufacturing
5. Spices Processing & Grinding
6. Corn Flakes Manufacturing
7. Pop Corn Manufacturing
8. Potato Chips Manufacturing
9. Mixture / Gathia Manufacturing
10. Atta Chakki
11. Food Packaging

Glass & Ceramic Based:-

1. Mosaic Tiles Manufacturing
2. Fly Ash & Bricks Manufacturing
3. Lime Kiln
4. Plaster of Paris Manufacturing
5. Sanitary Pipes Manufacturing
6. Glass Mirror Making
7. Convert Railway Sleeper Manufacturing
8. Cement Concrete Bricks Manufacturing
9. R.C.C. Spun Pipe Manufacturing

Electrical & Electronic Based:-

1. Voltage Stabilizer Assembling
2. Motor Binding & Repairing
3. Air-Conditioner & Refrigerator Repairing
4. T.V. Repairing
5. Auto-Electrical Works

Miscellaneous:-

1. Studio / Photography
2. D.T.P.
3. Cyber Café / Internet Surfing
4. Screen Printing
5. Video-Recording & Mixing
6. Photocopy / Xerox & Lamination

4 Existing Clusters of Micro & Small Enterprises:

4.1 DETAIL OF MAJOR CLUSTERS:

4.1.1 Manufacturing Sector: Chirkunda Refractory Cluster.

4.1.2 Service Sector: -----NIL-----

4.2 Details for Identified Cluster:

4.2.1 Name of the Cluster: Chirkunda Refractory Cluster.

1	Principal products manufactured in the cluster	Fire clay Bricks/Blocks & Shapes, High Alumina, Basic Insulation & Monolithic etc.
2	Name of the SPV	JRRDC
3	No. of functional units in the clusters	102
4	Turnover of the clusters	400 Crores
5	Value of Exports from the Clusters	150 Crores in 2004-05
6	Employment in cluster	7000
7	Average investment in plant & machinery	30 Lacs per Unit
8	Major issues/ requirement	Setting up of (i) Raw Material Calcination Plant. (ii) Testing Facility Centre.
9	Presence of capable institutions	IRMA, Kolkata.
10	Thrust Areas	Procurement of Bauxite as raw material to Micro units.
11	Problems & constraints	Infrastructure like Road & Power.

Present status of the cluster: The Soft Intervention activity has been completed. Detail Project Report duly prepared by IRMA, Kolkata has been submitted to the Director, MSME-DI, Ranchi for further necessary action towards Hard Intervention.

4.2.2 Name of the cluster: **Stone Cluster:** -----**NIL**-----

Present status of the cluster:

4.2.3 **Chemical Cluster:** -----**NIL**-----

4.2.4 **Fabrication and general engineering Cluster:** -----**NIL**-----

Present status of the cluster:- -----**N.A.**-----

4. General Issues raised by industry association during the course of meeting:-

1. Non recognition of EM part-II acknowledgment by some of the state government agencies.

2. CLCSS:

I. Lack of awareness among branch level bankers.

II. There should be some mechanism for tracking of application status, so that the entrepreneurs get present status of their application.

3. Bankers avoid to accept the cases under CGTMSE Specially for the new entrepreneurs and insist for the collateral security.

6. Steps to set up MSMEs:

Following are the brief description of different agencies for rendering assistance to the entrepreneurs.

Sl. No	Type of assistance	Name and address of agencies
1	Provisional Registration Certificate (Em-1) & Permanent Registration Certificate (EM-II)	G.M., DIC, Behind Combined Building, Dhanbad.
2	Identification of Project Profiles, techno-economic and managerial consultancy services, market survey and economic survey reports	No such Agency exists.
3	Land and Industrial shed	Bokaro Industrial Area Development Authority (BIADA), Bokaro / Jharkhand Govt.
4	Financial Assistance	Banks (PSU), M/o MSME, State Govt.
5	For raw materials under govt. supply	N.A.
6	Plant and machinery under hire/ purchase basis	N.A.
7	Power/Electricity	Assistant Engineer (Electrical), Electric Supply Division, Dhanbad
8	Technical Know-how	DIC, Dhanbad , Br. MSME-DI, Dhanbad, MSME-DI, Ranchi.
9	Quality & standard	
10	Marketing/ Export Assistance	BR. MSME-DI, Dhanbad. MSME-DI, Ranchi.
11	Other promotional agencies	JSEB, Pollution Control Dept., BSNL, Local Dist. Administration, etc.