



Brief Industrial Profile Of District **PATIALA**



MICRO, SMALL & MEDIUM ENTERPRISES

सूक्ष्म, लघु एवं मध्यम उद्यम

OUR STRENGTH * हमारी शक्ति

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1. General Characteristics of the District

Patiala district is one of the important historical districts of the Punjab. Patiala was founded by Baba Ala Singh, who was the first ruler of the Phulki State, in 1763. Patiala was made the capital of the State. Prior to 1919, it was the tehsil headquarters of Bhiwanigarh district of Patiala State. In 1919, the districts were reorganised and Patiala was made a district with three tehsils Rajpura, Patiala and Ghanaur. On 20th August 1948, PEPSU (Punjab and East Punjab States Union) was formed and the district again underwent a territorial change. Now the present Patiala district comprises 5 tehsils namely Patiala, Nabha, Rajpura, Samana and Patran.

Patiala has been the important educational centre from the very beginning. Mohindra College, Patiala was the first college established in 1875 in the entire Punjab State of present days. In 1961 the Punjabi University was established. A number of State and regional level offices and institutions of Punjab are located at Patiala. These include Punjab State Electricity Board, Punjab Public Service Commission, State Pollution Control Board, Department of Languages, National Archive, National Institute of Sports (NIS) etc.

1.1 Location & Geographical Area

The district Patiala is situated between $75^{\circ} - 58^{\circ}$ and $76^{\circ} - 54^{\circ}$ east longitude and $29^{\circ} - 49^{\circ}$ and $30^{\circ} - 47^{\circ}$ north latitude. It is bounded by district Fatehgarh Sahib, S.A.S Nagar and Union Territory of Chandigarh in the North; district Sangrur in the West and Jind (Haryana State) in South and Ambala (Haryana) in the east. The total area of the district according to village papers is 322000 hectares

1.2 Topography

Patiala district forms a part of the Indo-Gangetic plain. It is composed of the materials deposited by rivers during recent geological past. Its land surface slopes in the north-east-south-east direction with a gentle gradient of about 0.8 meter per kilometre. The

district has a mean elevation of about 91 m. in the east-west direction and nearly 113 m. in north-south direction.

River *Ghaggar* and its tributaries form a major natural drainage system of the district. Apart from this some canals too flow through it for considerable length. Besides *Ghaggar*, *Tangri Nadi*, *Patiala Wali Nadi*, *Sirhind Choa*, *Jhambowali Choi* and *Janguari Choi* also traverse the district.

The whole area of the Patiala district is covered by Indo-Gangetic alluvium. A close study of the lithological logs reveals that except for the major units, the sub-surface geology is marked by heterogeneity. The first unit, i.e. sandy clay occurs upto an average depth of 4.18 m, the second at 9m and the third at 17.92 m, the units being soft clay, hard clay, coarse greyish sand respectively. The marked variation in depth and thickness of the units suggests that the alluvium deposits of the area have been responsible for the introduction of heterogeneity in the lithological column. Seismically, the district of Patiala lies in a region, which is liable to moderate damage by earthquakes.

1.3 Availability of Minerals

The district is poor as regards mineral wealth. A few minor minerals are, however, found in Patiala as per following details:

1.3.1 Kankar—It is massive, hard and compact nodular calcareous material light grey to dark grey. Sand, silt and clay are found associated with *kankar*. In general, its thickness varies from a few centimeters to that of a meter. It occurs mostly in the form of isolated beds and pockets. It can be used for white washing and road metalling. *Kankar* occurs in Wazidput and Dogal area in the district.

1.3.2 Saltpeter—Saltpeter is a general trade name for all the nitrates of sodium, potassium and calcium. Nitrates of potassium are known as niter of saltpeter whereas those of sodium are called sodanitre, caliche or chile saltpeter. Well saltpeter or nitrocalcite is the nitrate of Ca. It is seen that like any other crop saltpeter also grows. It appears on the surface as an alkaline efflorescence during summer month. It is used in manufacture of gun powder, preparation of agricultural fertilizers, etc. Occurrences of saltpeter are reported from areas around Rajpura (32° 29' : 75° 36') and on either side of the Patiala-Chandigarh road.

1.3.3 Alkaline Earth.—Some brick earth and foundry sands are reported from the district.

1.3.4 Groundwater—Groundwater occurs both under phreatic and confined conditions. The depth of water is comparatively shallow in the areas lying in the vicinity of canals and adjacent to the Ghaggar River. The depth to water ranges from 1.0 m to 12 m below ground level. Groundwater movement in the district is from north-east to south-west. The groundwater in general is suitable for irrigation and domestic purposes.

1.4 Forest

An area of 154 sq. km. is covered under reserved, protected, private and unclassified forests, which is 4.78% of the total area of the district and 0.31% of total area of Punjab. It shows that the district is lacking in forest resource. The main species of plants in district Patiala are Eucalyptus, Shisham, Kikar and Poplar etc.

1.5 Administrative set up

For administrative purpose, the district has been divided into 5 Tehsils namely Patiala, Rajpura, Nabha, Samana and Patran. There are 3 Sub Tehsils and 8 blocks. There are 924 inhabited villages, 981 panchayats and 11 towns in the district.

2. DISTRICT AT A GLANCE

S.	Particular	Year	Unit	Statistics
1	Geographical Features			
(A)	Geographical Data			
	i) Latitude			29 ⁰ – 49' to 30 ⁰ – 47'
	ii) Longitude			75 ⁰ – 58' to 76 ⁰ – 54'
	iii) Geographical Area	2011	Hectares	322000
(B)	Administrative Units			
	i) Tehsils /Sub divisions	2011	Nos.	5
	ii) Sub-Tehsil	2011	Nos.	3
	iii) Blocks	2011	Nos.	8
	iv) Panchayat Simitis	2011	Nos.	8
	v) Nagar Nigam	2011	Nos.	1
	vi) Nagar Palika	2011	Nos.	8
	vii) Gram Panchayats	2011	Nos.	981
	viii) Inhabited Villages	2011	Nos.	924
	xi) Assembly Area	2011	Nos.	8
2.	Population			
(A)	Sex-wise			
	i) Male	2011	Nos.	1002112
	ii) Female	2011	Nos.	890170
(B)	Rural Population			
	i) Male	2011	Nos.	598239
	ii) Female	2011	Nos.	532040
(C)	Urban Population			
	i) Male	2011	Nos.	403873
	ii) Female	2011	Nos.	358130
3.	Agriculture			
A.	Land utilization			
	i) Total Area	2010-11	Hectare	322000
	ii) Forest Cover	2010-11	“	12000
	iii) Barren and Uncultivable Land	2010-11	“	4000
	iv) Non Agriculture Land	2010-11	“	36000
	v) Misc. (Cultivable waste & Fallow land)	2010-11	“	7000
	vi) Net Area Sown	2010-11	“	263000
	vii) Area Sown More Than Once	2010-11	“	256000
	viii) Total Cropped Area	2010-11	“	519000
4.	Forest			
	(i) Forest	2010-11	Hectare	12000

5.	Livestock & Poultry			
A.	Cattle			
	i) Cows	2007	Th Nos.	92.93
	ii) Buffaloes	2007	“	337.38
B.	Other livestock			
	(a) Horses & Ponies	2007	Th Nos.	1.24
	(b) Donkeys	2007	“	0.19
	(c) Mules	2007	“	0.69
	(d) Sheep	2007	“	13.73
	(e) Goats	2007	“	13.84
	(f) Pigs	2007	“	4.13
C	Poultry		Th Nos.	726.66
6	Transport			
A	Railways			
	Length of Rail Line	2010-11	Kms	73
B	Roads			
	(a) National Highway	2010-11	Kms	81
	(b) State Highway	2010-11	Kms	4358
	(c) Roads maintained by local bodies	2010-11	Kms	3338
7	Communication			
	(a) Telephone Connection	2010-11	Nos.	76521
	(b) Post Offices	2010-11	Nos.	240
	(c) Telegraph Office	2010-11	Nos.	2
	(d) Telephone Exchange	2010-11	Nos.	117
	(e) Public Call Offices	2010-11	Nos.	922
8	Public Health			
	(a) Allopathic Hospital	2011	Nos.	8
	(b) Beds in Allopathic hospitals	2011	Nos.	1389
	(c) Ayurvedic Institutions	2011	Nos.	32
	(d) Homoeopathic Institutions	2011	Nos.	7
	(e) Community Health Centers	2011	Nos.	10
	(f) Primary Health Centers	2011	Nos.	28
	(g) Dispensaries	2011	Nos.	72
9	Banking Sector			
	(a) State Bank of India	2010	Nos.	13
	(b) State Bank of Patiala	2010	Nos.	78
	(c) Punjab National Bank	2010	Nos.	29
	(d) Other Commercial Banks	2010	Nos.	152
	(e) Co-operative Banks	2010	Nos.	25

10	Education			
	(a) Primary school	2010	Nos.	1010
	(b) Middle schools	2010	Nos.	217
	(c) High schools	2010	Nos.	174
	(d) Senior Secondary Schools	2010	Nos.	170
	(e) Colleges	2010	Nos.	36
	(f) Universities	2010	Nos.	2
	(g) Polytechnic Institutions	2010	Nos.	6
	(h) Tech. Ind. Art & Craft School	2010	Nos.	5
	(i) I.T.Is	2010	Nos.	5

3. Industrial Scenario of District Patiala

3.1 Existing Status of Industrial Areas in the District Patiala

S.	Name of Ind. Area	Land Acquired	Land Developed	No. of Sheds / Plots			No. of Units in Production
				Developed	Allotted	Vacant	
1.	Ind. Estate Patiala	13 Acre	13 Acre	Shed:20 Plot: 10	Shed:20 Plot: 10	-	19 8
2.	Ind. Estate Rajpura	51 Acre	51 Acre	Shed:20 Plot: 43	Shed:20 Plot: 43	-	19 42
3.	Focal Point Rajpura	12 Acre	12 Acre	Shed: 10 Plot: -	Shed: 10 Plot: -	-	08 -
4.	Focal Point Nabha	50 Acre	50 Acre	Shed: 24 Plot: 104	Shed: 24 Plot: 104	-	14 49
5.	Focal Point Patiala	180 Acre	180 Acre	Shed: - Plot: 666	Shed: - Plot: 666	-	604 -

3.2 Industry at a Glance (2010-11)

Sr. No.	Head	Unit	Particulars
1.	Registered Micro & Small Unit	No.	8009
2.	Registered Medium & Large Unit	No.	31
3.	Employment in MSE Sector	No.	44300
4.	Employment in Large and Medium Industries	No.	12000
5.	No. of Industrial Areas	No.	5
6.	Turnover of MSE Sector	Rs. Lakh	184427.00
7.	Turnover of Large & Medium Sector	Rs. Lakh	770020.00

3.3 Year Wise Trend of Units Registered

YEAR	No. of Registered Units	Employment (No.)	Investment (Lakh Rs.)
Upto 2000-01	7149	34835	32960.69
2001-02	85	719	2306.96
2002-03	80	690	1648.48
2003-04	60	585	969.00
2004-05	65	646	1514.00
2005-06	67	577	1178.00
2006-07	59	991	1980.00
2007-08	93	1390	2686.87
2008-09	124	1422	3964.00
2009-10	113	1128	3178.00
2010-11	114	1317	4721.00
Total	8009	44300	57107.00

Source: DIC, Patiala

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

NIC Code	Types of Industry	Units (No.)	Employment (No.)	Investment (Rs. Lakh)	Production (Rs. Lakh)
15	Mfg. of Food Products Beverages	507	6344	10847.00	31762.00
17	Mfg. of Textiles	32	459	1041.00	3601.00
18	Mfg. of Wearing Apparels	52	405	231.00	571.00
19	Leather & Leather Products	378	1387	531.00	1236.00
20	Mfg. of Wood Products	273	1570	2154.00	5055.00
21	Mfg. of Paper & Paper Products	95	1592	2315.00	5992.00
22	Printing / Publishing	103	581	375.00	1092.00
23	Coke & Refined Petroleum Prod.	13	114	199.00	6828.00
24	Chemicals & Chemical Products	196	3011	6502.00	21385.00
25	Rubber & Plastic Products	183	2166	4998.00	20585.00
26	Other Non-Metallic Products	111	2508	2086.00	7124.00
27	Basic Metals	143	2827	6340.00	25330.00
28	Fabricated Metal Products	574	4526	6864.00	16906.00
29	Machinery & Equipments	262	2470	3934.00	9389.00
31	Electrical Machinery & Apparatus	185	1455	1725.00	6828.00
32	Radio TV Communication Equip.	20	70	21.00	215.00
33	Medical Precision & Optical etc.	17	99	68.00	247.00
34	Motor Vehicles Trailers etc. & Parts	110	965	1162.00	3600.00
35	Mfg. of other Transport Equipment	44	452	421.00	1348.00
36	Mfg. of Furniture Mfg. N.E.C	178	968	427.00	1360.00
40	Electricity Gas Steam Hot water	1	9	36.00	130.00
50	Maintenance & Repair of Motor Veh.	294	636	322.00	316.00
52	Maintenance & Repair Household	852	1761	973.00	1890.00
63	Cold Storage	21	175	63.00	225.00
72	Computer & Relating Activities	13	45	52.00	109.00
74	Other Business Activities	17	102	466.00	5432.00
80	Computer Education	2	6	13.00	8.00
92	Recreational Cultural Activities	1	3	28.00	5.00
93	Other Service Activities	3	12	15.00	37.00
	Sub Total	4680	36718	54209.00	178606.00
	Artisan Units (Non-SIDO)	3329	7582	2898.00	5821.00
	Grand Total	8009	44300	57107.00	184427.00

Source: DIC, Patiala

3.5 Large Scale Enterprises / Public Sector Undertakings:

3.5.1 List of Large Scale Enterprises/PSUs:

1. M/s. Patiala Distillery, Village Main.
2. M/s. Surinder Engg. Co. Ltd. Village Chalheri.

3. M/s. Partap Ind. Ltd. Beopror G.T. Road, Rajpura.
4. M/s. Vardhman Ind. Ltd. Sardargarh Road, Ghanour.
5. M/s. Siel Chem Complex Charatrapur Village Khadoli. Sardargarh Tehsil Rajpura
6. M/s. Industrial Cables (I) Ltd. Inds Area, Rajpura.
7. M/s. Hindustan Unilever Ltd. A-5/II Focal Point, Rajpura.
8. M/s. Amrit Banaspati Co. Ltd., Rajpura.
9. M/s. Mukat Pipes Ltd. Khadoli ,Rajpura.
10. M/s. Markfed Modern Rice Mill A-Focal Point, Rajpura
11. M/s. B.R Spintex (P) Ltd. Patiala Road, Samana.
12. M/s. G.C Spintex Ltd. Bhawanigarh Road, Samana
13. M/s. Piccadily Sugar & Allied Ind. Ltd. Jakhal Road, Patran.
14. M/s. Harman Milk Food Ltd., Samana.
15. M/s. S.K.G.C. Fibres Ltd., Samana.
16. M/s. S.S Fibres Ltd.. Samana
17. M/s. Smith Kline Bee Chem. Health Care Ltd., Nabha
18. M/s. Feederal Mogul Ltd. Bahadurgarh, Patiala.
19. M/s. The Patiala Distt. Co-operative Milk Producer Union Ltd. Patiala
20. M/s. Diesel Loco Modernization Works (DCW) Indian Railway, Patiala.
21. M/s. Malktex Malsters Ltd. Post Box No. 45-Rauni, Patiala.
22. M/s. Basal Tool Co. 23 Factory Area, Patiala
23. M/s. Patiala Distiller & Mfg. Ltd. Village Main, District Patiala

3.5.2 Major Exportable Items:

1. Pistons Pins	2. Cutting Tools	3. Auto Parts
4. Milk Products	5. Agriculture Implements	

3.5.3 Growth Trends:

Though there were major developments in real estate activities in the district in recent past, yet the industrial sector also witnessed some investment in large sector. The new investment in large scale sector was observed in the field of textiles and food products during the last year. There was a growth of 300 persons in employment, Rs. 2748.06 lakhs in production and Rs. 2239.99 lakhs increase in investment.

3.5.4 Vendorisation/ Ancillarisation of the Industry:

The Large Scale/PSU Units located in the district viz. DCW, Hindustan Unilever, Harman Milk Foods etc. procure the services of local Micro & Small Scale Units. The more investment in large sector shall provide more opportunities for vendorisation in MSE sector.

3.6 Medium Scale Enterprises

3.6.1 List of Medium Scale Enterprises:

1. M/s. Milk Food Ltd. Bahadurgarh.
2. M/s. Samana Cots Pin Ltd. Samana.
3. M/s. The Patiala Cots Pin Ltd. Samana.
4. M/s. Surya Cots Pin Ltd. Samana.
5. M/s. Himalayan Frozen Foods Ltd. Village Rethgarh.
6. M/s. Rajiv Paper Mills Khushropur.
7. M/s. Patiala-Co-op. Sugar Mill. Rakhra.
8. M/s. Swaraj Auto Motive Ltd. Nabha.

3.6.2 Major Exportable Items

1. Frozen Foods	2. Yarn	3. Auto Parts
4. Milk Products	5. Agriculture Implements	

3.7 Service Enterprises

3.7.1 Existing Service Sector:

The service industry of Patiala mainly includes repair & servicing of motor vehicles, motor cycles / scooters, household goods, workshops and cold storage etc.

3.7.2 Potential Areas for Service Industry:

1. Engineering Workshops	2. Computer Education	3. Designer Boutique
4. Beauty & Health Care	5. Coaching Centers	6. Tiffin Service
7. Transportation	8. Mobile Repairing	9. Printing

3.8 Unregistered Sector

The data on unregistered sector in Patiala district was not readily available with DIC. However, it is informed that the unregistered MSME sector in the district is dominated by service enterprises which has majority of proprietary units. The unregistered sector in the district produces goods & services pertaining to different industrial groups such as Food & Beverages, Readymade Garments & Hosiery, Wooden Products, Paper Products & Printing, Leather Goods, Rubber & Plastic Products, Chemical & Chemical Products, Non-metallic Mineral Products, Mechanical Products, Electrical Machinery & Apparatus, Machinery & Parts, Repair & Services and Transport Equipment & Parts etc.

3.9 Potential for New MSMEs

1. Biscuits And Bakery Products	2. Confectionery Items	3. Oil Expellers
4. Ice Cream & Ice Candy	5. Leather Shoes	6. Milk Products
7. Wooden Furniture & Fixtures	8. Wooden Electrical Accessories	9. Book Binding
10. Paper Bags	11. Packaging Materials	12. Tissue Paper Napkins
13. Rcc Pipes & Collars	14. Glazed Tiles	15. Cement Bricks & Blocks
16. Tyre Retreading	17. Agriculture Implements	18. Building Hardware Items
19. Steel Furniture	20. Auto Parts & Components	21. Rolling Shutters
22. Parts of Industrial Machinery	23. General Engg Workshop	24. Generator Sets
25. Wires And Cables	26. Rice & Dal Mill Machinery	27. Cosmetics
28. Paint & Varnish	29. Injection Moulding Plastic Goods Viz. Lunch Boxes, Mugs, Toys Etc	30. Blow Moulded Goods Viz. Water Cans, Bottles Etc

4. Existing Clusters of Micro & Small Enterprises

4.1. Detail of Major Clusters

4.1.1 Manufacturing Sector:

The district has no identified cluster. However, the following probable clusters may be taken up for development:

1. Cutting Tools Cluster, Focal Point, Patiala
2. Combine & Combine Parts Cluster at Nabha

4.1.2 Service Sector:

1. Repair & Servicing of Agriculture Machinery Cluster at Nabha

4.2. Details of Identified clusters:

The district has no identified cluster.

5. General issues raised by Industrial Associations of Patiala

- (a). High rate of electricity charges.
- (b). Insufficient supply of skilled labour.
- (c). The units located in Industrial Estate requested to link their sewerage with main sewerage line of Municipal Corporation of Patiala.
- (d). Illegal land encroachments in Industrial Estate should be removed.
- (e). Industrial Estate should have proper arrangement of water supply.
- (f). The units of Focal Point, Patiala requested not to allot the land earmarked for hospital and other commercial purpose for developing residential colony by PSIEC in Focal Point.
- (g). Focal Point and Industrial Estates should have proper banking and health facilities
- (h) There should be Common Water Treatment Plant for the units of Focal Point.

8. Institutional Support

S.No	Name of agencies	Type of assistance
1.	District Industries Centre (DIC)	Provisional Registration Certificate (EM-1) & Permanent Registration Certificate (EM-II)
2.	District Industries Centre, MSME-Development Institute	Identification of Project Profiles, techno-economic and managerial consultancy services, market survey and economic survey reports.
3.	Punjab Small Industries & Export Corporation (PSIEC)	Land and Industrial shed
4.	Banks, District Industries Centre (DIC), Khadi & Village Industries Board (KVIB), Small Industries Development Bank of India (SIDBI)	Financial Assistance
5.	National Small Industries Corporation (NSIC), Steel Authority of India (SAIL), Punjab Small Industries & Export Corporation (PSIEC)	For raw materials under Govt. Supply
6.	National Small Industries Corporation	Plant and machinery on hire/purchase basis.
7.	Punjab State Power Corporation Ltd.	Power/ Electricity
8.	District Industries Centre (DIC), MSME-Development Institute	Technical Know-how
9.	Bureau of Indian Standards (BIS)	Quality & Standard
10.	National Small Industries Corporation (NSIC), District Industries Centre (DIC), Director General of Foreign Trade (DGFT), MSME-Development Institute	Marketing /Export Assistance