



सत्यमेव जयते
Government of India
Ministry of MSME

Brief Industrial Profile of Kota District



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

Carried out by

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Brief Industrial Profile of Kota District

1. General Characteristics of the District

The foundation of Kota city was laid by Jait Singh, the Grandson of Rao Deva, the Chief of Bundi, by defeating the Koteah Bhil, which was at the east bank of river Chambal, the Town which was named as Kota and became the capital of former Kota State. According to another view, Jait Singh captured Aklegarh in VS 1321 (1264 AD) and occupied Kota, which was a pargana attached to the Jagir of Bundi. In 1625 AD Mughal Emperor Jahangir granted Kota State alongwith its 363 township to Madho Singh who became its first Chief.

1.1 Location & Geographical Area.

The district lies between 24° 25' and 25° 51' latitude and 75° 37' and 77° 26' longitude. It is bounded on north and north west by Sawai Madhopur, Tonk and Bundi districts. The Chambal river separates these from Kota district and forms the natural boundary. The district is bounded by Jhalawar, and Mandisor district of M.P. on the south, Baran district on the east and Chittorgarh district of Rajasthan on the west. The maximum length of the district from north to south is 153 Kms and maximum width from east to west is 84 Kms. The total geographical area of the district is 521133 hectares as per land record.

1.2 Topography

Kota is one of the eastern districts of Rajasthan and is something like a dumbbell in shape. The country slopes gently northward from the high table land of Malwa

in Madhya Pradesh. It is well watered drained by rivers flowing in the north and north eastern directions. There are hills in the south, north and eastern portion of the district and it is generally fertile.

1.3 Availability of Minerals.

Besides, small deposits of red clay, glass sand, dolomite and kankar are also found. The main mineral of the district is building stone, of which it is the record largest producer district in the State after Jodhpur. Occurrence of the iron ore, Fire Clay, Red and Yellow Orchre have also been reported in various parts of the district. Production of major minerals is as under;

PRODUCTION OF MINERAL 2010-11

S.NO.	NAME OF MINERAL	PRODUCTION in tones 2010-2011
MAJOR MINERAL		
1.	Limestone	192341
MINOR		
1.	Sandstone/Katia Patti.	2024
2.	Masonry stone	284546
3.	Kankar bajari	14218
4.	Limestone (building)	351614
5.	Morrum	516
6.	Brick soil	2114
7.	Misc.	NIL

SOURCE:- DEPT. OF MINES & GEOLOGY., M.E. Circle, Kota

1.4 FOREST

The forests cover an area of 123019 hectares in 2010-11 extending over 22.47 percent of the total geographical area of the district. These are mainly

concentrated in the South-Western and central portions of the Mukandra hills having a rich forest belt.

1.5 Administrative set up.

Kota city is the Division headquarter of Rajasthan. For administrative purpose the district has been divided into 5 Sub Divisions, 5 Tehsils, 3 Sub Tehsils and 5 Panchayat Samities. There are 162 Gram Panchayats, 947 Revenue Villages and 852 inhabited villagers and 95 are uninhabited.

2. District at a glance

S.No	Particular	Year	Unit	Statistics
1	Geographical features			
(A)	Geographical Data			
	i) Latitude			24°25' to 25°51'
	ii) Longitude			75°37' to 77°26'
	iii) Geographical Area		Hectares	5217 Sq. Kms
(B)	Administrative Units			
	i) Sub divisions		Nos.	5
	ii) Tehsils		Nos.	5
	iii) Sub-Tehsil		Nos.	3
	iv) Patwar Circle		Nos.	204
	v) Panchayat Simitis		Nos.	5
	vi)Nagar nigam		Nos.	1
	vii) Nagar Palika		Nos.	3
	viii) Gram Panchayats		Nos.	461
	xi) Revenue villages		Nos.	791
	x) Assembly Area		Nos.	6
2.	Population			
(A)	Sex-wise			
	i) Male	2011	Nos.	1023153
	ii) Female	2011	Nos.	927328
(B)	Rural Population	2011	Nos.	729948
3.	Agriculture			
A.	Land utilization			
	i) Total Area	2010-11	Hectare	521324
	ii) Forest cover	2010-11	"	125941
	iii) Non Agriculture Land	2010-11	"	60278
	v) cultivable Barren land	2010-11	"	24809
4.	Forest			
	(i) Forest	2010-11	Ha.	125941
5.	Livestock & Poultry			
A.	Cattle			

	i) Cows	2007	Nos.	248349
	ii) Buffaloes	2007	Nos.	226926
B.	Other livestock			
	i) Goats	2007	Nos.	216080
	ii) Pigs	2007	Nos.	10357
	iii) Dogs & Bitches	2007	Nos.	16680
	iv) Railways			
	i) Length of rail line	2010-11	Kms	369.91
	V) Roads			
	(a) National Highway	2010-11	Kms	141
	(b) State Highway	2010-11	Kms	322.20
	(c) Main District Highway	2010-11	Kms	181.30
	(d) Other district & Rural Roads	2010-11	Kms	84.40
	(e) Rural road/ Agriculture Marketing Board Roads	2010-11	Kms	899.08
	(f) Kachacha Road	2010-11	Kms	657.01
	(VI) Communication			
	(a) Telephone connection	2010-11		51304
	(b) Post offices	2010-11	Nos.	185
	(c) Telephone center	2010-11	Nos.	61
	(d) Density of Telephone	2010-11	Nos./1000 person	33
	(e) Density of Telephone	2010-11	No. per KM.	165
	(f) PCO Rural	2010-11	No.	809
	(g) PCO STD	2010-11	No.	1033
	(h) Mobile	2010-11	No.	235586
	(VII) Public Health			

(a) Allopathic Hospital	2010-11	No.	4
(b) Beds in Allopathic hospitals		No.	1383
(c) Ayurvedic Hospital		No.	57
(d) Beds in Ayurvedic hospitals		No.	30
(e) Unani hospitals		No.	2
(f) Community health centers		No.	9
(g) Primary health centers		No.	29
(h) Dispensaries		No.	13
(i) Sub Health Centers		No.	161
(j) Private hospitals		No.	58
(VIII) Banking commercial			
(a) Commercial Bank		Nos.	109
(b) rural Bank Products		Nos.	34
(c) Co-Operative bank products		Nos.	11
(d) PLDB Branches		Nos.	5
(IX) Education			
(a) Primary school		Nos.	909
(b) Middle schools		Nos.	846
(c) Secondary & senior secondary schools		Nos.	557
(d) Colleges		Nos.	17
(e) Technical University		Nos.	1

2.1 Existing Status of Industrial Areas in the District Kota

S. No.	Name of Ind. Area	Land acquired (In hectare)	Land developed (In hectare)	Prevailing Rate Per Sqm (In Rs.)	No of Plots	No of allotted Plots	No of Vacant Plots	No. of Units in Production
1	IPIA, Kota	1006.12	1006.12	2000	1484	1460	24	1265
2	Electronic Complex	37.81	37.81	2000	96	96	0	81
3	Kuber (Ranpur)	195.00	195.00	1700	260	259	1	201
4	Kuber , Ranpur (Extn)	228.86	-	1700	91	20	71	6
5	Agro Food Park Ph.I, Ranpur	139.80	139.80	1700	151	150	1	117
6	Agro Food Park-II, Ranpur	99.50	-	1700	155	131	24	2
7	Institutional Area,Ranpur	102.45	102.45	1700	22	22	0	5
8	Chambal Ind. Area	98.32	98.32	1500	134	134 (including 01 disputed)	0	108
9	Ind.Estate (NRC)	7.66	7.66	1500	39	39	0	39
10	Paryavaran Ind. Area(S.D.)	110.42	110.42	200	77	77 (including 03 disputed)	0	26
11	Ramganjmandi Ph.I	57.38	57.38	300	90	90	0	86
12	Ramganjmandi Ph.II	95.03	95.03	300	120	120	0	112
13	Suket(U.D.)	39.75	-	200	50	50	0	44
14	Hadoti Ind.Area (Furniture Zone)	4.60	4.60	1500	42	42	0	37
15	Hadoti Ind.Area Ph.I (Ind.estate)	28.50	28.50	1500	105	105	0	81
16	Hadoti Ind.Area Ph.II (S.S.I.A.)	47.55	47.55	1500	50	50	0	47
17	Large Scale Ind. Area (T.A.)	930.00	930.00	1500	52	52	0	22
18	Nanta (Undev.)	29.88	-	150	11	11	0	9
19	Lakhawa (Undev.)	24.72	-	150	11	11	0	11
	Total	3283.35	2860.64		3040	2919	121	2299

Source:- RIICO, Kota

3. INDUSTRIAL SCENERIO OF KOTA

3.1 Industry at a Glance

Sr No	Head	Unit	Particulars
1.	REGISTERED INDUSTRIAL UNIT	NO.	705
2.	TOTAL INDUSTRIAL UNIT	NO.	12908
3.	REGISTERED MEDIUM & LARGE UNIT	NO.	29
4.	ESTIMATED AVG. NO. OF DAILY WORKER EMPLOYED IN SMALL SCALE INDUSTRIES	NO.	49613
5.	EMPLOYMENT IN LARGE AND MEDIUM INDUSTRIES	NO.	7279
6.	NO. OF INDUSTRIAL AREA	NO.	19
7.	TURNOVER OF SMALL SCALE IND.	IN LACS	23687.96
8.	TURNOVER OF MEDIUM & LARGE SCALE INDUSTRIES	IN LACS	443955.45

3.2 YEAR WISE TREND OF UNITS REGISTERED

	YEAR	NUMBER OF REGISTERED UNITS	EMPLOYMENT	INVESTMENT (lakh Rs.)
Up to	1984-85	2306	8310	544.85
	1985-86	310	691	129.02
	1986-87	288	646	117.91
	1987-88	161	562	180.01
	1988-89	128	501	151.95
	1989-90	140	577	176.57
	1990-91	177	772	364.82
	1991-92	206	897	434.41
	1992-93	226	849	571.30
	1993-94	159	590	410.80
	1994-95	223	1053	699.88
	1995-96	231	1016	950.99
	1996-97	352	1211	729.86
	1997-98	360	1337	466.64
	1998-99	430	1693	635.03
	1999-2000	440	1498	1045.16
	2000-01	484	1620	758.87
	2001-2002	466	1649	831.85
	2002-03	462	1484	474.38

	2003-04	506	1651	340.41
	2004-05	596	1735	1019.7
	2005-06	596	1958	538.77
	2006-07	835	4047	4437.90
	2007-08	706	3580	3133.97
	2008-09	708	3298	5748.35
	2009-10	707	3061	3029.00
	2010-11	705	3669	2030.00
	Total	11494	43077	21069.28

Source: DIC Kota

3.3 DETAILS OF EXISTING MICRO & SMALL ENTERPRISES AND ARTISAN UNITS IN THE DISTRICT

NIC CODE NO.	TYPE OF INDUSTRY	NUMBER OF UNITS	INVESTMENT (Lakh Rs.)	EMPLOYMENT
20	Agro based	722	1892	2940
22	Soda water	14	24.89	100
23	Cotton textile	46	21.41	147
24.	Woolen, silk & artificial Thread based clothes.	193	121.35	116
25.	Jute & jute based	14	29.18	90
26.	Ready-made garments & embroidery	602	211.73	1924
27.	Wood/wooden based furniture	977	315.18	2874
28.	Paper & Paper products	177	363.91	766
29.	Leather based	867	72.53	2117
31.	Chemical/Chemical based	209	677.23	1137
30.	Rubber, Plastic & petro based	163	502.13	898
32.	Mineral based	1407	4765.29	6321
33.	Metal based (Steel Fab.)	1108	1356.19	4245
35.	Engineering units	498	726.13	1273
36.	Electrical machinery and transport equipment	143	469.28	587
97.	Repairing & servicing	1168	542.14	3191
01.	Others	623	391.19	1845
	Kachori Making	200	225	800

Source: DIC Kota

3.4 Large Scale Industries / Public Sector undertakings

List of the units in KOTA & Near By Area

1. Goyal Protiens,Kasar- Soya Extraction
2. Shiv Edible Oil- Soya Extraction
3. Shiv Health foods- Milk Products
4. Ruchi Soya Industries- Soya Extraction
5. Samcor Glass- Picture Tubes & Glass Panels
6. Chambal Power Plant- Electircity from Agriculture Waste
7. National Thermal Power Corporation- Anta, District - Baran
8. Rajasthan Atomic Power Project-Rawat Bhata, District- Chittorgarh
9. Hydro Power Plants
 - Rana Pratap Sagar
 - Jawahar Sagar
 - Gandhi Sagar
10. Heavy Water Plant- Rawat Bhata, District -Chittorgarh
11. Kota thermal power station
12. Instrumentation Ltd. – Control Panels
13. Shri Ram cement works Ltd- Cement
14. Shri ram Rayons- Viscose Fibre
15. Shri Ram fertilizers and chemicals- Calcium Carbide, PVC,Caustic Soda, Clorine,Bleaching Powder, HCl, Urea etc.
16. Chambal fertilizer and chemicals ltd.- Fertilizers
17. Manglam cement Ltd. Modak Dist- Kota, Cement
18. Multi Metal Ltd., Kota Extruded Copper tubes
19. Tilam sangh Rajasthan Kota project- Oil Extraction

3.5 Major Exportable Item

1. Viscose rayon fibre

3.6 Growth Trend

1. In the district power plants are showing 15%-20% annual growth due to their strategic location.
2. In the DCM Shri Ram Group i.e. still using the old technology still in cost competitiveness due to its professional managements and buyers requirements
3. Some companies like samcor is facing negative growth due to its obsolete technology and no demand of the product in the market.

3.7 Vendorisation / Ancillarisation of the Industry

1. In the power sector basic raw material i.e.Coal is being imported from outside the state and there is a vide scope for repair & maintenance requirement of the industry.
2. In the M/s. Multimetal unit, 100% scrap and other dies is procured form Kota and still there is scope for MSME sector.
3. Industries like M/s. DCM ShriRam and others industrial units also obtaining repair, maintenance and general fabrication facilities from local MSMEs.

3.8. Medium Scale Enterprises

3.8.1 List of the units in KOTA & Near By Area

1. Associated Stone Industry Ramganj mandi Kota
2. Gwalior Polypipe Ltd.
3. Neer Shree Cement
- 4.Om Metal and Mineral Ltd
5. Prem Chand Bajaj Ispat Ltd.

3.8.2 Major Exportable Item

1. Kota Stone

3.9 Service Enterprises

3.9.1. Coaching Industry

Kota is famous for its coaching industry with having 30 nos of major coaching institutes, mainly imparting the coaching for engineering and medical entrance examination for under graduates courses, having approximate 3000 nos. of employment and about 50,000 students is studying in these institutes.

From this industry other allied industry is also working like hostels, laundry, mess, printing, transportation and packaged food industry.

3.9.2 Potentials areas for service industry

1. Packaged food industry
2. Printing press
3. Bakery units
4. School furniture & steel furniture
5. Hostels

3.10 Potential for new MSMEs

1. Plastic containers –HDPE,LDPE &PP
2. HDPE Bags
3. Bleaching Earth(RM unit) for de-colorization in the oil sector
4. General engineering & precision component manufacturing for defence, Aviation and other sectors.
5. Oxygen plant
6. GI pipe units

7. Ceramic Industry- as the gas pipeline passes through the Kota
8. Forging Unit
9. Induction furnace based casting products
10. Paper Industry
11. Railways Coach and wagon parts
12. Pharma Unit
13. Dying & Printing Units
14. Aluminum Extrusions
15. Dimensional Stone and other value added products (Sand and kota stone both)
16. Packaging materials –Plastic Straps, Corrugated Boxes etc.
17. Shrinking Polythene
18. Wooden crafts
19. Kota stone waste slurry based product etc.
20. Solvent Extraction
21. Dal Mill
22. Ground & Processed Spices
23. Fly Ash Bricks
24. Bio Mass Gasifier power plant

4. Existing Clusters of Micro & Small Enterprise

4.1 DETAIL OF MAJOR CLUSTERS

4.1.1 Manufacturing Sector

- (1) Sand stone and Kota stone Cluster
- (2) Welding Electrode
- (3) Kota Doriya
- (4) Engg Fabrication and general Engg.
- (5) Chemical Industry
- (6) Edible oil
- (7) Agriculture implements
- (8) Snacks (Namkeen and Kachori)

4.1.2 Service Sector

(1) Coaching Institutions

4.2 Details for Identified cluster

4.2.1 Welding Electrodes

1	Principal Products Manufactured in the Cluster	MS Welding Electrodes
2	Name of the SPV	Chamble Welding Electrode Cluster Pvt. Ltd. C/o Purusharth Bhawan Indraprastha Industrial Area , Kota
3	No. of functional units in the clusters	25
4	Turnover of the Clusters	Approx. 30 crore
5	Value of Exports from the Clusters	Nil
6	Employment in Cluster	400 Nos.
7	Average investment in plant & Machinery	25 Lakhs
8	Major Issues / requirement	Setting up of CFC for new product development and tastings
9	Presence of capable institutions	Metallurgical experts could be made available with the collaboration of Engineering institutions
10	Thrust Areas	Technological Up gradation, process improvement , quality
11	Problems & constraints	<p>Welding Electrodes processing operations related to Space, power, Skilled and Semi Skilled workers.</p> <p>Other major challenges faced by the local market in India is the expanding imports of welding equipment resulting in the continued decline in the market share of domestic participants.</p> <p>Industry is faced with the continued dominance of the unorganised sector claiming 50-55 per cent of the market share and its lack of specifications and approvals required for welding activities in end-user industries.</p>

Present status of the cluster :- The cluster has been identified under MSE-CDP scheme and the DSR has already been submitted by the cluster stake holders in

the year 2011-12 to the state government. SPV had already been formed .The preparation of DPR for setting up of CFC is under process.

4.2.2 Stone cluster

1	Principal Products Manufactured in the Cluster	Dimensional stones made of Sand Stone & Kota Stone
2	Name of the SPV	Chamble Stone Cluster Pvt. Ltd. C/o Purusharth Bhawan Indraprastha Industrial Area , Kota
3	No. of functional units in the clusters	1800 nos
4	Turnover of the Clusters	2000 crores
5	Value of Exports from the Clusters	Aprox. 900 Crore
6	Employment in Cluster	Direct- 18000 Indirect- 18000
7	Average investment in plant & Machinery	15 lakhs per unit
8	Testing needs	Colour indexing machine Hardness testing Chemical compositions Brittleness testing
9	Thrust Area	Waste disposal and alternative usages of waste waste minimization technology up gradation, Unavailability of catalogues and websites. Recently the pollution control board has re-categorized the Stone industry from orange to red, forcing them to more stringent rules.
10	Access to Export Market	EU, Australia and African countries

Present status of the cluster :- The cluster has been identified under MSE-CDP scheme and the DSR has already been submitted by the cluster stake holders in the year 2011-12 to the state government. SPV had already been formed .The preparation of DPR for setting up of CFC is under process.

4.2.3 Chemical cluster

1	Principal Products Manufactured in the Cluster	Bleaching Powder, Zinc salt, copper sulphate, metallic stearate etc.
2	Name of the association	The SSI Association C/o Purusharth Bhawan Indraprastha Industrial Area , Kota
3	No. of functional units in the clusters	40
4	Turnover of the Clusters	180 crores
5	Value of Exports from the Clusters	Aprox.45 Crore
6	Employment in Cluster	Direct- 1000 Indirect- 1000
7	Average investment in plant & Machinery	1 crore per unit
8	Major Issues	Disposal of hazardous waste, setting up of common effluent treatment plant
9	Access to Export Market	UAE,USA etc.

4.2.4 Fabrication and general engg Cluster

1	Principal Products Manufactured in the Cluster	Fabrication of process plants, power plants, Structural members ,Railway engg fabrication, marching of precision engg components, gear box etc.
2	Key Trade Association address	The SSI Association C/o Purusharth Bhawan Indraprastha Industrial Area , Kota
3	No. of functional units in the clusters	55
4	Turnover of the Clusters	50 crores
5	Value of Exports from the Clusters	Aprox. 10 Crore
6	Employment in Cluster	Direct- 500 Indirect- 900
7	Average investment in plant & Machinery	50 lakhs per unit
8	Testing needs	Physical testing of material Ferrous and non ferrous items
9	Major Issues	Non availability of skilled workers, access to the govt organization / PSUs
10	Access to Export Market	Nepal, Germany, China

4.2. 5. Kota Doria:

1	Principal Products Manufactured in the Cluster	Kota Doria Saree & Dress Material
2	Name of the Association	Kota Doria weavers association, Kaithoon
3	No. of functional units in the clusters	1500 Looms
4	Turnover of the Clusters	35 crore
5	Employment in Cluster	3000 nos.
6	Average investment in plant & Machinery	25000
7	Major Issues	<p>Availability of finance for technological and working capital</p> <p>Marketing of the product</p> <p>Non availability of good quality raw material</p> <p>Testing of raw materials and end products</p> <p>Medical insurance facility to the weavers at local level (Kaithune) presently it is being provided at district headquarters Kota, which is 25 KMs away from the cluster.</p> <p>Lack of suitable training for dying of cloths to them export worthy.</p>
8	Access to Export Market	No direct exports, however about 10% of the turnover is indirect export.

Kota Doria is a unique hand-woven fabric having a characteristic square-check pattern. The deft weavers of the cluster create it through differential beating of the silk and cotton yarns. Each square of 14 yarns (8 of cotton and 6 of silk) is termed as a “khat”, and this is the hallmark of Kota Doria. A total of 300 “khat’s” are there across the width of the fabric, which is up to 46 inches due to the usage of a throw shuttle technique on pit looms. Kota Doria is made in many villages located in Kota, Bundi and Baran districts of Rajasthan. However, the oldest and biggest concentration of weavers is in Kaithun, situated about 15 kms. from Kota.

There are 47 Master Weavers working for the cluster. The annual production of Kota Doria is estimated at 82,000 saris at full capacity, i.e. 1500

looms working 200 days and preparation time of 50 days. Kaithun has about 1500 weavers and about 1500 looms.

Present status:- As the cluster was selected by the state government under the cluster development programme during 2005-06. Earlier Intervention was also made by UNIDO, soft intervention has already been completed, land & Building is available and setting up of CFC under process. The geographical indication has already been obtained by the cluster. Presently the hard interventions is being by RUDA.

5. General issues raised by industry association during the course of meeting

1. Non recognition of EM-II acknowledgment by some of the state government agencies.
2. Reconstitution of MSEFC in the state of Rajasthan at the earliest.
3. CLCSS
 - I. lack of awareness among branch level bankers.
 - II. There should be some mechanism for tracking of application status, so that the entrepreneur get present status of their application.
4. Bankers avoid to accept the cases under CGTMSE specially for the new entrepreneurs and insist for the collateral security.