

# Nagpur District Profile

## Introduction

The Nagpur district consists of Nagpur Municipal Corporation, 10 municipalities, 13 panchayat samitis and 778 gram panchayats. The total area covered is about 9897 sq. km. of which Nagpur city accounts for 217.65 sq. km. (2.2%). The district population (as per Census of India - 2001) was 40.51 lakhs of which 20.52 lakhs (about 50%) were in Nagpur city. The average population density of Nagpur is quite low as compared to other comparable cities of India. The figure was 95 persons per ha in 2015.

## Location and Geography

Nagpur district is bounded by Bhandara district on the east, Chandrapur district on the southeast, Wardha district on the southwest, Amravati district on the northwest and Chhindwara district of the Madhya Pradesh state on the north. Nagpur is 837 kms from Mumbai and 1094 kms south of Delhi. It is located at the north latitude of 21.07 and east longitude of 79.07.



## Demographic Profile

According to the 2011 census, Nagpur district has a population of 40.51 lakh, which stands at 29th rank in India out of 640. The district has a population density of 470 inhabitants per square kilometer. Its population growth rate over the decade 2001-2011 was 14.39%. Nagpur district has a sex ratio of 948 females per 1000 males and a literacy rate of 89.52%.

## Climatic Conditions

The climate of Nagpur is **tropical**, with a rainy season from June to mid-October, due to the monsoon, and a dry season from mid-October to May. The rains usually end in early or mid-October.

## Logistic Infrastructure Profile

Nagpur District, located in the state of Maharashtra, India, boasts a robust logistics infrastructure that supports its strategic importance as a central transportation hub. Central Position: Nagpur is geographically situated at the heart of India, often referred to as the "Zero Mile" center.

### Road Network:

- ▶ National Highways: Major highways such as NH 44, NH 47, and NH 53 pass through Nagpur, providing seamless road connectivity to various parts of the country.
- ▶ State Highways: Well-maintained state highways connect Nagpur to surrounding regions within Maharashtra.

### Rail Network:

- ▶ Nagpur Junction: A major railway junction on the Indian Railways network, facilitating both passenger and freight movement.
- ▶ Broad Gauge: Extensive broad gauge rail network supports heavy and bulk cargo transportation.

## **Air Connectivity:**

- ▶ Dr. Babasaheb Ambedkar International Airport: Handles both domestic and international flights, with dedicated cargo facilities to support air freight.

## **Logistics Facilities**

- ▶ Inland Container Depots (ICD): MIHAN (Multimodal International Cargo Hub and Airport at Nagpur): A significant logistics hub combining air, road, and rail transport, with state-of-the-art facilities for cargo handling and storage.
- ▶ Warehousing: Private and Public Warehouses: Numerous warehouses provide storage solutions for various industries, including temperature-controlled facilities.
- ▶ Cold Storage: Specialized cold storage units for perishable goods like fruits, vegetables, and pharmaceuticals.

## **Industrial Parks:**

- ▶ Butibori Industrial Area: One of the largest industrial areas in Asia, offering manufacturing and logistics facilities for various industries.
- ▶ SEZ (Special Economic Zones): Promote export-oriented businesses with dedicated infrastructure and tax benefits.

## **Logistics Parks:**

- ▶ Private Logistics Parks: Developed by logistics companies to offer integrated solutions including transportation, warehousing, and value-added services.

## **Services and Infrastructure**

- ▶ Freight Forwarding: A network of freight forwarders provides comprehensive logistics solutions, including international freight services.
- ▶ 3PL (Third-Party Logistics) Providers: Numerous 3PL providers offer end-to-end logistics services, including inventory management, order fulfillment, and distribution.

## **Transportation Services:**

- ▶ Truck Fleets: Extensive fleets of trucks cater to road transport needs, ensuring last-mile connectivity.
- ▶ Rail Freight Services: Dedicated rail services for bulk goods, ensuring cost-effective and efficient transportation.
- ▶ Customs and Clearance Services: Efficient customs and clearance services at ICDs and the airport ensure smooth import and export operations.

## **Development and Future Plans**

- ▶ Expansion of MIHAN: Continuous development of the MIHAN project to enhance its capabilities as a multimodal logistics hub.
- ▶ Infrastructure Upgrades: Ongoing upgrades to road, rail, and air infrastructure to meet growing demand and improve efficiency.
- ▶ Sustainability Initiatives: Efforts to incorporate eco-friendly practices in logistics operations, including the use of electric vehicles and renewable energy.

## Agricultural Profile

Nagpur District has approximately 644,000 hectares classified as cultivable agriculture land. Agriculture plays a significant role in the local economy, and the land use pattern reflects this, with a substantial portion of the area dedicated to farming. The district primarily has black cotton soil, which is rich in clay and retains moisture well. Around 20,965 hectares dedicated to orange cultivation and approximately has 5 lakh tonnes of oranges were produced in the district. This type of soil is ideal for growing cotton, as well as other crops like soybeans and pulses.

- ▶ District is a higher exporter of rice under Agriculture commodities.
- ▶ Orange dominance in cultivation and export
- ▶ Nagpur oranges and Bhiwapur Chilli are registered under GI tag.

## Major Crops in Nagpur District

- ▶ Cotton: A primary cash crop, thriving in the black soil.
- ▶ Soybeans: Widely cultivated for their economic value.
- ▶ Pulses: Includes tur (pigeon pea), moong (green gram), and urad (black gram).
- ▶ Citrus Fruits: Famous for oranges, a major horticultural product.
- ▶ Rice and Wheat: Staple crops grown in the rabi (winter) and kharif (monsoon) seasons.
- ▶ Vegetables: Includes tomatoes, brinjals, and leafy greens.

## Major Agriculture and Horticulture Produce of District

**Table Error! No text of specified style in document.-1: Major Horticulture and Agriculture production data**

Sr No	Name of Product	Production in MT (2022-23)	Area under Production Hecter (2022-23)
1	Orange	4587000	611600
2	Wheat	224306.487	117548.73
3	Rice	200554.26	99777.58
4	Tur	70151	57804
5	Turmeric	491100	35100

Source: Horticulture Area Production Information System (HAPIS), Ministry of Agriculture, Government of India

## Industrial Profile

### ▶ Industries and Employment Generation in Nagpur District

The below mentioned illustrates Sector-wise industries and employment generation of the district:

**Table Error! No text of specified style in document.-2: Industries, Sector-wise Investment and Employment Generation**

Sector	No. of Industries	Investment (in INR Crore)	Employment
Food & Agro based Industries	33	2728.14	9591
Defence & Aviation	6	2636.00	4410
Textile	14	1331.26	6975
Cement	3	687.43	424
Paper	11	543.05	1680
IT	5	434.00	2621
Plastic	11	431.07	2258
Steel	10	174.18	2339
Mineral	5	47.91	949
Other	124	9911.58	29064

**Table Error! No text of specified style in document.-3: Industrial Area details of Nagpur district**

<b>Name of the Industrial area</b>	<b>Allocated area (Hectare)</b>	<b>Allocated Industrial area (Hectare)</b>	<b>Total Plot (No.)</b>	<b>Working Industrial Units (No.)</b>
Hingna	745.83	535.25	1723	1378
Butibori	2428.14	1290.03	2681	1454
Addl. Butibori	1391.85	144.38	424	4
Addl. Butibori – 2	275.50	20.34	163	8
Kalmeshwar	110.93	96.39	170	110
IT Parsodi	11.66	5.33	47	33
Umred	310.12	216.08	517	133
Katol	138.44	92.50	88	43
Savner	73.95	61.39	72	42
Narkhed	20.59	6.20	31	7
Bhiwapur	12.68	9.07	47	10
Kuhi	15.55	10.76	42	14
Parshivani	12.00	8.19	40	22
NTPC, Mauda	710.35	710.34	1	1
NTPC, Mauda Ash Pond	120.30	120.30	1	1
<b>Total</b>	<b>6377.89</b>	<b>3326.55</b>	<b>6047</b>	<b>3260</b>

Source: MIDC, Nagpur and DIC Nagpur

### ► **Major Industrial Hubs of Nagpur District**

#### ► **Auto & Engineering–**

- Mahindra & Mahindra and it's 50 ancillaries
- KEC International Limited
- Diffusion Engineering Limited
- Unitech Tower Transmission Limited

#### ► **Food Processing –**

- Haldiram's,
- Saaj Foods,
- Dinshaws,
- Suruchi Spices,
- Patanjali,
- Hira foods

#### ► **Textiles –** Indorama and Monarjee

#### ► **IT/ ITeS –**

- TCS
- Infosys
- L&T Infotech
- Hexaware BPS
- Persistent
- HCL
- Global Logic

► ADCC Infocomm

**Table Error! No text of specified style in document.-4: Industrial Area details of Nagpur district**

Location	No. of Units	Activities	Investment (INR Cr.)	Employment
Govt. Software Tech Park	14	Software Dev.	7.48	835
	6	IT Services	1.14	85
Private Park	1	Software Dev.	5.50	250
Outside Park	17	Software Dev.	6.45	387
	14	IT Services	3.70	183
MIHAN (LSI)	13	Software Dev.	252	2110
<b>Total</b>	<b>65</b>		<b>276.27</b>	<b>3850</b>

Source: DIC Nagpur

► **Defence and Aviation –**

- Solar Explosives
- Economic Explosive
- Sandeep Metals
- Reliance Aerospace
- Tata Aeronautical Limited
- Boing MRO
- Indamer Aviation.

Source: DIC, Nagpur

## Industrial Infrastructure Profile

The details of industrial infrastructure provided by MIDC is given below:

**Table Error! No text of specified style in document.-5: MIDC Industrial Infrastructure**

Area	Hingna Industrial Area	Umred Industrial Area	Butibori Five Star Industrial Area	Kalmeshwar Industrial Area	Katol Industrial Area
Water	13.5 MLD water supply scheme. Ambazari lake is the source of water	2.5 MLD water supply from Makardhokda Dam	60 MLD water supply scheme available sourced from Vena-Wadgaon dam. Current requirement is only 15 MLD.	4.8 MLD water supply scheme from Vena lake	4.5 MLD (Jackwell at Jam Dam)
Roads	The width of the main road is 30 m and internal roads is 20 m.	Good internal roads with streetlights.	Main road width is 60 m and internal roads is 30 m. A four lane	The width of the main road is 30 m and internal roads is 18.5 m.	Internal roads with streetlights and water

			high level bridge has been built on river Wuna for smooth flow of traffic.		distribution network
Fire Station	Fire station constructed and managed by MIDC fire department	Available	Fire station constructed and managed by MIDC fire department	NA	Available
Electricity	132 KV sub station and uninterrupted power supply of good quality	132 KV substation at Katol	Two sub stations – 220 KV and 33 KV and uninterrupted power supply of good quality	132 KV sub station and uninterrupted power supply of good quality	132 KV Substation at Katol
Other Infrastructure	Common effluent disposal facility, CFC, Residential facilities, truck terminus, etc.	CFC, Post and Telegraph office, Hotels, Canteen, Hospitals	Truck Terminus, Residential facilities, Common effluent disposal facility, bank, hospital, canteen, etc.	CFC, Residential area, Common effluent disposal facility, etc.	Technical and Non Technical advance level education, Hotel, Hospital, market, etc.

Source: MIDC

## Service Sector Profile

As per District Industries Profile 2012-13, there are 2016 service enterprises providing an employment of 13684. Some of the potential services which can be provided in the district are as listed below:

- ▶ Units engaged in Mining and Quarrying
- ▶ Servicing and repairing of machinery
- ▶ Advertising agencies
- ▶ Marketing Consultancy
- ▶ Industrial Consultancy
- ▶ Equipment Rental & Leasing
- ▶ Industrial Photography
- ▶ Industrial R&D Labs
- ▶ Industrial Testing Labs
- ▶ Auto Repairs, Services, Garages
- ▶ Laboratories engaged in testing of raw materials, finished products
- ▶ "Servicing Industry" undertaking engaged in maintenance, repair, testing, or servicing of all types of vehicles & machinery of any description including electronics/ electrical equipment's/ instruments i.e., measuring/ control instruments, televisions, tape recorders, VCRs, radios, transformers, motors, watches.
- ▶ Laundry & Dry Cleaning
- ▶ X-Ray clinic
- ▶ Tailoring
- ▶ Servicing of Agri Farm equipment e.g. Tractor, Pump, Rig, Boring, Machines, etc.
- ▶ Weigh Bridge
- ▶ Photographic Lab

- ▶ Blue Printing and enlargement of drawing/ designs facilities
- ▶ Sub-contracting Exchanges (SCXs) established by Industry Associations
- ▶ Colored and Black and White Studios equipped with processing laboratory
- ▶ Beauty Parlours and Creches

Source: Nagpur District Industrial Profile 2012-13

## Industrial Association of the District

- ▶ Dalit Indian Chamber of Commerce & Industries (DICCI)
- ▶ Kalmeshwar Industries Association (KIA)
- ▶ Laghu Udyog Bharati (LUB)
- ▶ Vidarbha Economic Development Council (VED)
- ▶ Vidarbha Plastic Industries Association (VPIA)
- ▶ Butibori Manufacturers Association (BMA)
- ▶ MIDC Industries Association (MIA)
- ▶ Vidarbha Industries Association (VIA)
- ▶ MIHAN Industries Association
- ▶ Nagpur Vidarbha Chamber of Commerce (NVCC)

Source: DIC, Nagpur

## Banking Facilities

The district has a good banking network with 642 branches of Commercial Banks, 13 branches of Vidarbha Konkan Gramin Bank, 69 branches of Nagpur DCCB and 592 Primary Agriculture Credit Societies. However, concentration of 422 branches is in Urban and Semi-urban areas.

Source: NABARD Potential Link Plan 2022-23

## Nagpur District Strengths and Opportunities

- ▶ The district is known for its well connectivity. 2 major National Highways, NH-7 and NH-6 passes through the district.
- ▶ Presence of Multi Modal International Cargo Hub (MIHAN), International Airport and centrally located railway station.
- ▶ The district is emerging as Industrial Hubs for Auto and Auto components, Food Processing, Defence and Aviation, and Electronics
- ▶ **Auto & Auto Components** – Major players are Mahindra & Mahindra and its 50 ancillaries.
- ▶ **Food Processing** – Major players are Haldiram's, Saaj Foods, Dinshaws, Suruchi Spices, Parle, Candyco, Patanjali, Hira foods. 70% export to Canada, Australia and European Countries. Potential for cluster development in the district.
- ▶ **Defence and Aviation** - Major players are Solar Explosives, Economic Explosive, Sandeep Metals, Reliance Aerospace, Tata Aeronautical Limited, Boeing MRO, Indamer Aviation. Potential for cluster development in the district.
- ▶ **Electronics** – District have cluster of Electronic units mainly manufacturing LED bulbs, PCB, and sensors. These items are exported to China and Middle East Countries. Potential for development of Electronics cluster in the district.
- ▶ **Protein Hub** – Huge potential to be developed as 'Protein Hub' due to availability of raw materials (Rice, Soyabean, Pulses, and Millets). There is a heavy demand for plant-based protein across the world
- ▶ **Potential for Agro-based food industry** for Orange (GI tagged) processing. At present, very few processing units are located in the district.