

The industrialised Green and Orange districts and the Industry Verticals must lead the march towards recovery

May 20, 2020

LAQSHYA
MEDIA GROUP

OOH | Experiential | Digital



The story so far:

The shutdown across several important districts in India has been extended till May 31, 2020.

A plethora of measures have been announced by the government to help business get back lost ground.

Districts with high incidence of Covid-19 cases, coded Red, see some green shoots of business activities but several restrictions remain.

Other districts, coded Orange and Green, must lead the fight to get the economy of India back to its high growth path.





THIS WEEK'S STATISTICS

The population of the
orange and green districts added up to nearly
70% of India's total population,
and accounted for
nearly 65% of the country's GDP*

* Computed by the per capita GSDP method



1

The colour-codes of **23** districts **changed**
between May 8, 2020 and May 15, 2020

Only 1 district, **Angul in Odisha**,
transitioned directly
from **Green** to **Red**

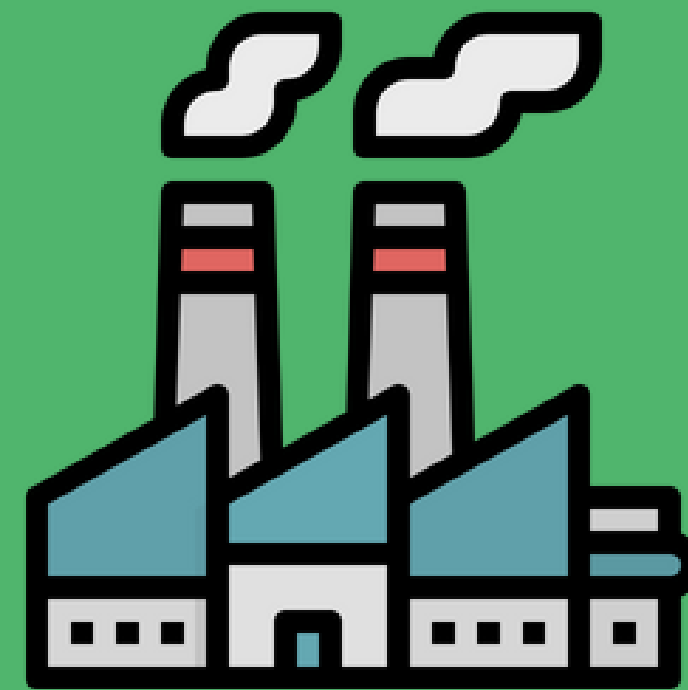
22

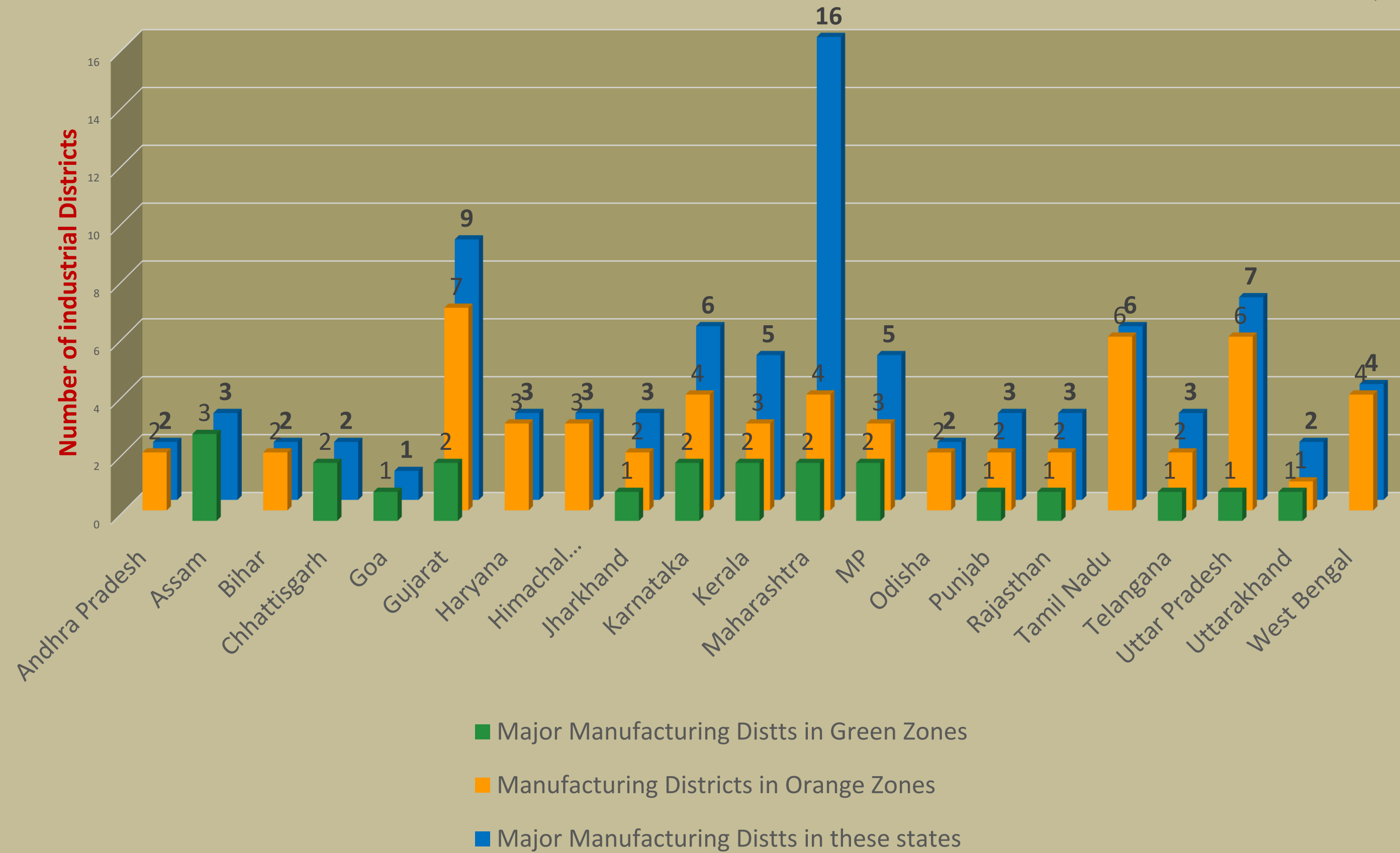
The number of districts across Assam, Bihar, Gujarat, Karnataka,
Madhya Pradesh, Maharashtra, Odisha, Rajasthan,
Uttar Pradesh and Uttarakhand that
went from **Green** to **Orange**

Industry Hubs in Green and Orange Districts

We examined the industries functional in the orange and green districts across the country.

Given the economic measures taken by the government of India to help the private sector battle with the impact of Covid-19, can these industrial districts lead the country out of the current slowdown?





ALL manufacturing hubs in **20 major states** are either in the green or in the orange districts. Maharashtra is an exception with 10 red districts.



29

The number of major manufacturing hubs in **22** Green districts in **14 states**.

Total number of industrial districts in these **14 states: 68**.

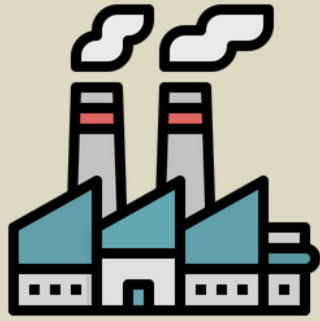
The green industrial hubs include *Raigarh, Jamshedpur, Bhilai, Digboi and Kochi* – to name some of the more well-known centres in this list.

The industries functioning from these green districts range from Cement, Chemicals and Petrochemicals to Fertiliser, Iron & Steel and Mining.



Annexure 1:

The list of manufacturing hubs in green districts



82

The number of major manufacturing hubs in **58** Orange districts in **18 states**.
Total number of industrial districts in these **18 states: 84**.

Includes major centres like Thiruvananthapuram, Hosur, Rajkot, Rudrapur, Aurangabad, Unnao, Belgavi, Kharagpur, Jamnagar, Bharuch.

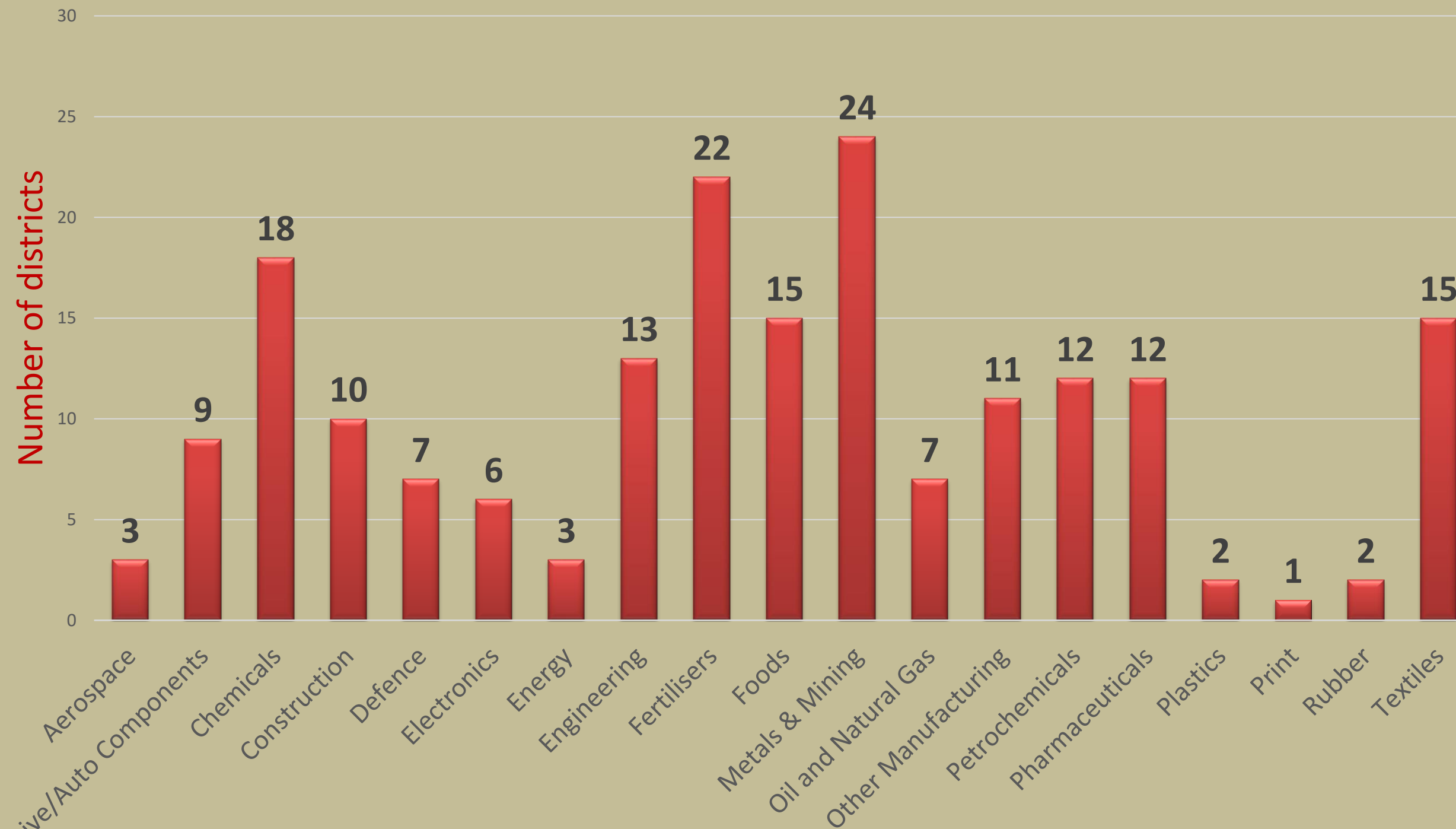
The list of industries covers the gamut of manufacturing across sectors like Aerospace, Biotechnology, Textile, Pharmaceuticals, Automotive, Chemicals & Petrochemicals, Defence, Fertilizer, Mining, Steel.



Annexure 2:

The list of manufacturing hubs in orange districts

Industries in 111 Green + Orange Industrial Hubs



Source: Secondary research, multiple sources

111

Industrial Hubs in orange and green districts produce a variety of products. The largest bases available are for:

- Chemicals
- Construction Materials
- Engineering Goods
- Packaged Foods
- Metals and Mining industry
- Petrochemicals
- Pharmaceuticals
- Textiles

... Amongst several others.



STATUS AS OF

May 15, 2020





	Districts	Population (Crores)	GSDP (INR Lakh crores)	Per Capita GSDP (INR)
Total	735	137	212 (\$2.94 Tr)	1,90,410
Red Districts	136 (18%)	42 (31%)	73 (34%)	1,93,498
Orange Districts	328 (45%)	68 (50%)	104 (49%)	1,68,637
Green Districts	271 (37%)	27 (19%)	35 (17%)	1,41,404



271 Green districts across India

24 crores

The combined population of
Green districts

33 lakh crores

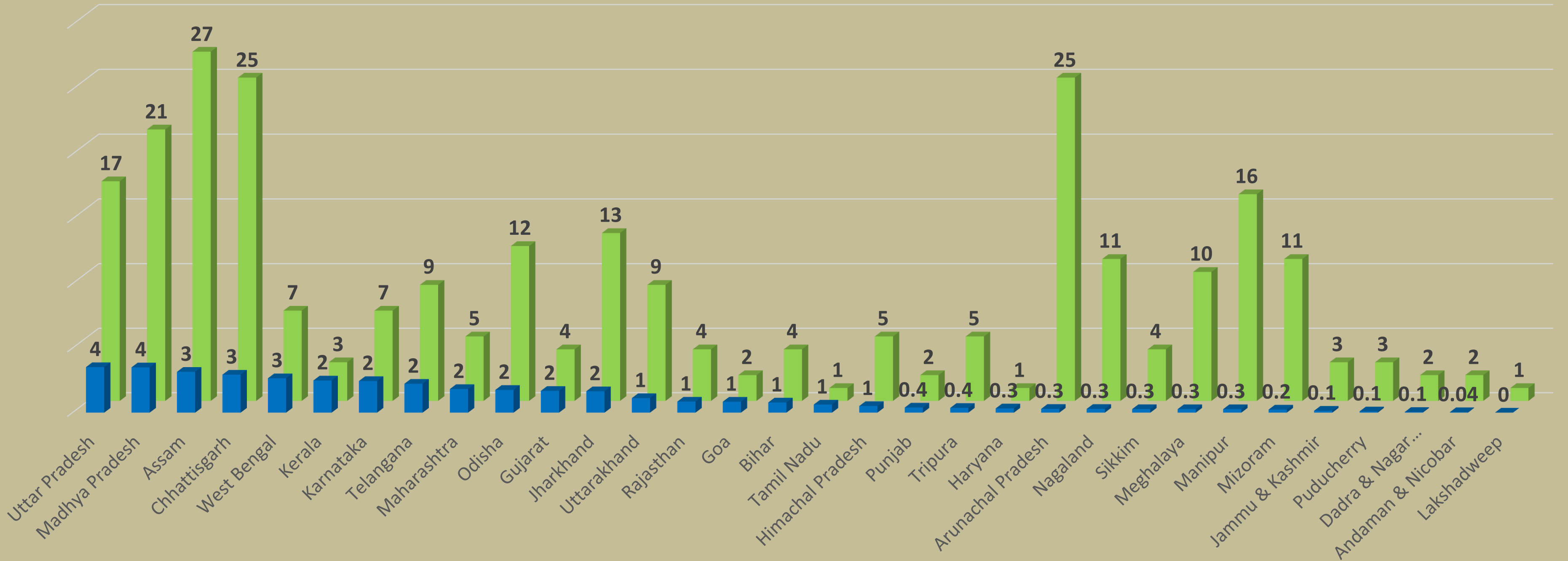
The cumulative GSDP of these
271 green districts
(based on each states per capita GSDP)

28 districts

with populations greater
than 20 lakhs each, with a cumulative
population of >8 crores



■ Green GSDP (lakh cr) ■ # of Green Distts





There are **328 Orange** districts across India

68 crores

Combines population of
Orange districts

127 lakh crores

The cumulative GSDP of
these 244 orange districts
(based on each state's per capita GSDP)

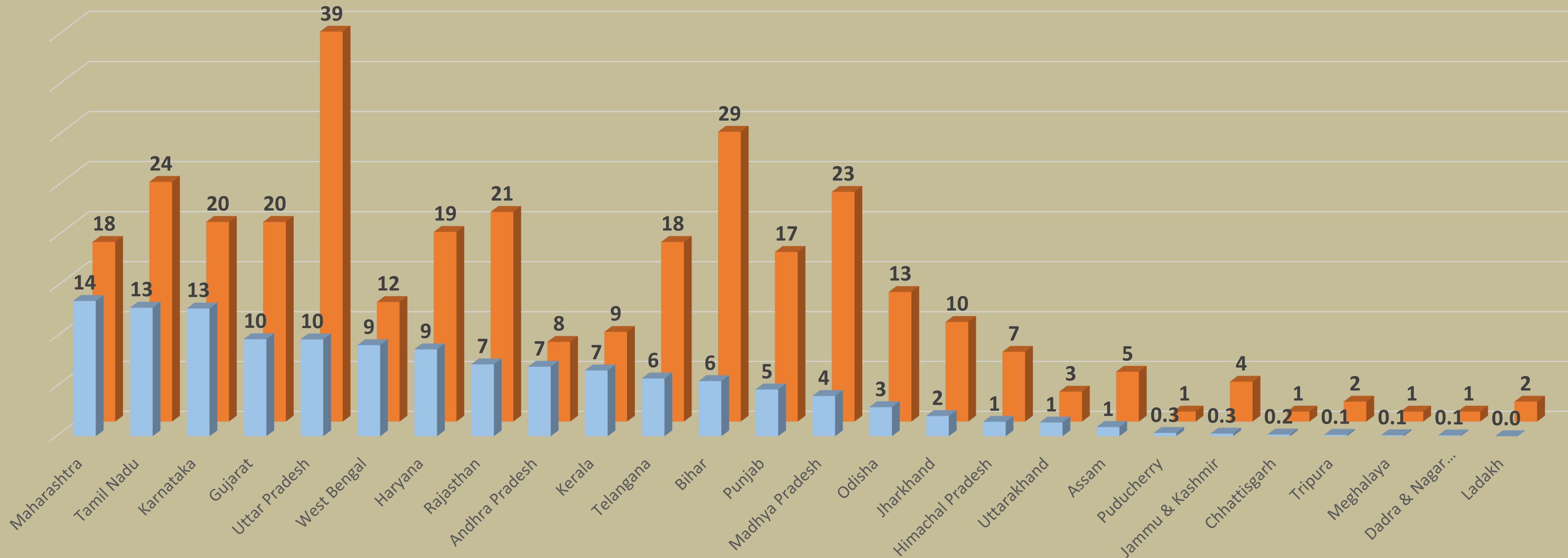
134 districts

Number of Orange districts with
populations of >20 lacs each



■ GSDP Lakh Cr

■ # Orange Distts



Source: Covid19india.org, MOSPI, UIDAI Population projections April 2020

In sum...

- Out of 735 districts:
 - **271** are green
 - **328** are orange
 - 136 are red
- From the previous week
 - Only **1** district changed from Green to Red
 - **22** districts changed from Green to Orange
- This week, we looked at the **industries** that operate from Green and Orange Districts to understand the source and scope of recovery in the economy



In sum...

As on May 15, 2020

- **29** industrial hubs present in **22** industrial districts that are coded **Green**
- **82** industrial hubs present in **58** industrial districts that are coded **Orange**
 - Together Producing a variety of goods including **Fertilizers, Chemicals, Textiles, Automotive, etc.**
- **20** states have ALL their Industrial hubs in Green and Orange districts
 - Maharashtra is the worst hit with 2 green districts and 4 orange districts among 16 industrial districts





Next update – May 27, 2020

An **interesting** list of annexures are following this page.

Where which industry operates will be a *fascinating list* to see!



Annexure - 1

List of Manufacturing districts in **Green** zones

Major manufacturing hubs in **22**

Green districts in 14 states: **29**



State	District	Place	Industry Vertical	District Status - 15th May 2020
Assam	Dibrugarh	Dibrugarh	Tea industries	Green
Assam	Dibrugarh	Namrup	Fertilisers	Green
Assam	Kamrup	Sualkuchi	Textiles (Silk)	Green
Assam	Tinsukia	Digboi	Oil Refinery	Green
Chhattisgarh	Durg	Bhilai	Cement	Green
Chhattisgarh	Durg	Bhilai	Chemicals	Green
Chhattisgarh	Durg	Bhilai	Electronics	Green
Chhattisgarh	Durg	Bhilai	Fabrication and Machining	Green
Chhattisgarh	Durg	Bhilai	Iron Ore	Green
Chhattisgarh	Durg	Bhilai	Light and heavy Industries	Green
Chhattisgarh	Durg	Bhilai	Power Generation	Green
Chhattisgarh	Durg	Bhilai	Railway Marshalling Yard	Green
Chhattisgarh	Durg	Bhilai	Steel	Green
Chhattisgarh	Raigarh	Raigarh	Cement	Green
Chhattisgarh	Raigarh	Raigarh	Coal Mining	Green
Chhattisgarh	Raigarh	Raigarh	Dolomite	Green
Chhattisgarh	Raigarh	Raigarh	Iron Ore	Green
Chhattisgarh	Raigarh	Raigarh	Light and heavy Industries	Green
Chhattisgarh	Raigarh	Raigarh	Limestone	Green
Chhattisgarh	Raigarh	Raigarh	Power Generation	Green
Chhattisgarh	Raigarh	Raigarh	Rice Mills	Green
Chhattisgarh	Raigarh	Raigarh	Steel	Green

State	District	Place	Industry Vertical	District Status - 15th May 2020
Goa	South Goa	Margao	Electronics	Green
Goa	South Goa	Margao	Ice Creams	Green
Goa	South Goa	Margao	Pharmaceuticals	Green
Gujarat	Morbi	Morbi	Clocks	Green
Gujarat	Morbi	Morbi	Tiles	Green
Gujarat	Porbandar	Porbandar	Chemicals	Green
Gujarat	Porbandar	Porbandar	Petrochemical	Green
Jharkhand	East Singhbhum	Ghatshila	Mining	Green
Jharkhand	East Singhbhum	Jamshedpur	Auto Components	Green
Jharkhand	East Singhbhum	Jamshedpur	Iron Ore	Green
Jharkhand	East Singhbhum	Jamshedpur	Steel	Green
Jharkhand	East Singhbhum	Singbhum	Copper	Green
Karnataka	Raichur	Raichur	Mining	Green
Karnataka	Ramanagara	Channapatna	Wooden Toys	Green
Karnataka	Ramanagara	Magadi	Chemicals	Green
Karnataka	Ramanagara	Magadi	Petrochemical	Green
Kerala	Ernakulam	Alwaye	Rare Earths Factory	Green
Kerala	Ernakulam	Kochi	Chemicals	Green
Kerala	Ernakulam	Kochi	Electronics	Green
Kerala	Ernakulam	Kochi	Oil Refining	Green
Kerala	Ernakulam	Kochi	Petrochemical	Green
Kerala	Ernakulam	Kochi	Seafood	Green

State	District	Place	Industry Vertical	District Status - 15th May 2020
Kerala	Ernakulam	Kochi	Ship Building	Green
Kerala	Ernakulam	Kochi	Spices	Green
Kerala	Ernakulam	Udyogamandal	Fertilisers	Green
Kerala	Thrissur	Thrissur	Biotechnology	Green
Kerala	Thrissur	Thrissur	Gold	Green
Kerala	Thrissur	Thrissur	Granites	Green
Kerala	Thrissur	Thrissur	Rubber	Green
Kerala	Thrissur	Thrissur	Textiles	Green
Kerala	Thrissur	Thrissur	Timber	Green
Madhya Pradesh	Katni	Katni	Cement	Green
Madhya Pradesh	Panna	Panna	Diamond Mines	Green
Maharashtra	Gondia	Gondia	Minerals	Green
Maharashtra	Wardha	Wardha	Foods	Green
Punjab	Rupnagar	Nangal	Fertilisers	Green
Rajasthan	Ganganagar	Suratgarh	Fertilisers	Green
Telangana	Yadadri Bhuvanagiri	Chautuppall	Textile (Ikat)	Green
Telangana	Yadadri Bhuvanagiri	Pochampalli	Textile (Ikat)	Green
Uttar Pradesh	Shahjahanpur	Shahjahanpur	Fertilisers	Green
Uttarakhand	Pauri Garhwal	Pauri Garhwal	Defence - Avionics	Green



Annexure - 2

List of Manufacturing districts in **Orange** zones

Major manufacturing hubs in **58**

Orange districts in 18 states: **82**



State	District	Place	Industry Vertical	District Status - 15th May 2020
Andhra Pradesh	East Godavari	Kakinada	Fertilisers	Orange
Andhra Pradesh	East Godavari	Rajahmundry	Oil and Natural Gas	Orange
Andhra Pradesh	East Godavari	Rajahmundry	Paper	Orange
Andhra Pradesh	East Godavari	Rajahmundry	Textiles	Orange
Andhra Pradesh	Visakhapatnam	Visakhapatnam	Coffee	Orange
Andhra Pradesh	Visakhapatnam	Visakhapatnam	Fertilisers	Orange
Andhra Pradesh	Visakhapatnam	Visakhapatnam	Fishing	Orange
Andhra Pradesh	Visakhapatnam	Visakhapatnam	Navy Weapons	Orange
Andhra Pradesh	Visakhapatnam	Visakhapatnam	Petrochemical	Orange
Andhra Pradesh	Visakhapatnam	Visakhapatnam	Pharmaceuticals	Orange
Andhra Pradesh	Visakhapatnam	Visakhapatnam	Refinery	Orange
Andhra Pradesh	Visakhapatnam	Visakhapatnam	Ship Building	Orange
Andhra Pradesh	Visakhapatnam	Visakhapatnam	Steel	Orange
Bihar	Aurangabad	Aurangabad	Automotive	Orange
Bihar	Aurangabad	Aurangabad	Brewing	Orange
Bihar	Aurangabad	Aurangabad	Chemicals	Orange
Bihar	Aurangabad	Aurangabad	Electronics	Orange
Bihar	Aurangabad	Aurangabad	Pharmaceuticals	Orange
Bihar	Aurangabad	Aurangabad	Textiles (Silk)	Orange
Bihar	Bhagalpur	Bhagalpur	Textiles (Silk)	Orange
Gujarat	Bharuch	Ankleshwar	Petrochemical	Orange
Gujarat	Bharuch	Ankleshwar	Pharmaceuticals	Orange

State	District	Place	Industry Vertical	District Status - 15th May 2020
Gujarat	Bharuch	Bharuch	Chemicals	Orange
Gujarat	Bharuch	Bharuch	Fertilisers	Orange
Gujarat	Bharuch	Bharuch	Metal Fabrication	Orange
Gujarat	Bharuch	Bharuch	Petrochemical	Orange
Gujarat	Bharuch	Bharuch	Petrochemical	Orange
Gujarat	Bharuch	Bharuch	Pharmaceuticals	Orange
Gujarat	Bharuch	Bharuch	Ship Building	Orange
Gujarat	Bharuch	Dahej	Fertilisers	Orange
Gujarat	Bharuch	Dahej	Oil and Natural Gas	Orange
Gujarat	Devbhumi Dwarka	Mithapur	Chemicals	Orange
Gujarat	Devbhumi Dwarka	Mithapur	Petrochemical	Orange
Gujarat	Jamnagar	Jamnagar	Brass Item Manufacturing	Orange
Gujarat	Jamnagar	Jamnagar	Brass Parts	Orange
Gujarat	Jamnagar	Jamnagar	Oil Refinery	Orange
Gujarat	Jamnagar	Jamnagar	Petrochemical	Orange
Gujarat	Jamnagar	Sikka	Fertilisers	Orange
Gujarat	Kheda	Anand	Dairy Products (Amul)	Orange
Gujarat	Kutch	Anjar	Knives	Orange
Gujarat	Kutch	Anjar	Nut-Crackers	Orange
Gujarat	Kutch	Kandla	Fertilisers	Orange
Gujarat	Kutch	Mundra	Oil and Natural Gas	Orange
Gujarat	Kutch	Vapi	Pharmaceuticals	Orange

State	District	Place	Industry Vertical	District Status - 15th May 2020
Gujarat	Rajkot	Rajkot	Agriculture Machineries	Orange
Gujarat	Rajkot	Rajkot	Auto Components	Orange
Gujarat	Rajkot	Rajkot	Casting and Forgings	Orange
Gujarat	Rajkot	Rajkot	Jewellery	Orange
Gujarat	Surendranagar	Dharangadhra	Chemicals	Orange
Gujarat	Surendranagar	Dharangadhra	Petrochemical	Orange
Haryana	Gurugram	Gurugram	Auto Components	Orange
Haryana	Gurugram	Gurugram	Automotive	Orange
Haryana	Gurugram	Manesar	Auto Components	Orange
Haryana	Gurugram	Manesar	Automotive	Orange
Haryana	Panchkula	Panchkula	Defence - Avionics	Orange
Haryana	Panchkula	Pinjore	Machinery	Orange
Haryana	Panipat	Panipat	Textiles	Orange
Himachal Pradesh	Hamirpur	Jadwal	Sarees	Orange
Himachal Pradesh	Kangra	Jawalamukhi	Petrochemical	Orange
Himachal Pradesh	Solan	Baddi	FMCG	Orange
Himachal Pradesh	Solan	Baddi	Pharmaceuticals	Orange
Himachal Pradesh	Solan	Baddi	Textiles	Orange
Jharkhand	Bokaro	Bokaro Steel City	Coal Mining	Orange
Jharkhand	Bokaro	Bokaro Steel City	Steel	Orange
Jharkhand	Dhanbad	Jharia	Coal Mining	Orange
Jharkhand	Dhanbad	Sindri	Fertilisers	Orange

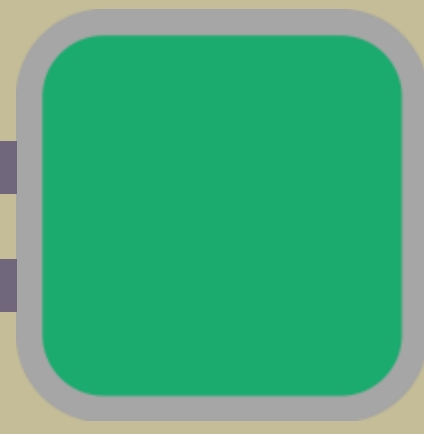
State	District	Place	Industry Vertical	District Status - 15th May 2020
Karnataka	Bagalkote	Ilkal	Textile (Ilkal Silk)	Orange
Karnataka	Ballari	Ballari	Mining	Orange
Karnataka	Ballari	Hospet	Mining	Orange
Karnataka	Ballari	Hospet	Sponge Iron	Orange
Karnataka	Ballari	Hospet	Steel	Orange
Karnataka	Belagavi	Belagavi	Aerospace	Orange
Karnataka	Belagavi	Belagavi	Aluminium Works	Orange
Karnataka	Belagavi	Belagavi	Automotive Exports	Orange
Karnataka	Belagavi	Belagavi	Foundry Exports	Orange
Karnataka	Belagavi	Belagavi	Heavy Forging	Orange
Karnataka	Belagavi	Belagavi	Heavy Tools	Orange
Karnataka	Belagavi	Belagavi	Hydraulics	Orange
Karnataka	Belagavi	Belagavi	Powerloom Works	Orange
Karnataka	Belagavi	Belagavi	Textiles (Handloom)	Orange
Karnataka	Belagavi	Belagavi	Tyres	Orange
Karnataka	Kolar	Kolar	Defence - Transport	Orange
Kerala	Kozhikode	Koyilandi Taluk	Mining	Orange
Kerala	Kozhikode	Perambra	Coconut products (Subhiksha)	Orange
Kerala	Palakkad	Palakkad	Defence - Transport	Orange
Kerala	Thiruvananthapuram	Thiruvananthapuram	Aerospace	Orange
Kerala	Thiruvananthapuram	Thiruvananthapuram	Biotechnology	Orange
Madhya Pradesh	Burhanpur	Nepanagar	Newsprint	Orange

State	District	Place	Industry Vertical	District Status - 15th May 2020
Madhya Pradesh	Guna	Vijaipur	Fertilisers	Orange
Madhya Pradesh	Khargone	Maheshwar	Textile (Maheshwari Fabric)	Orange
Maharashtra	Ahmednagar	Ahmednagar	Piping	Orange
Maharashtra	Aurangabad	Aurangabad	Automotive	Orange
Maharashtra	Beed	Beed	Aluminium Works	Orange
Maharashtra	Jalna	Jalna	Pharmaceuticals	Orange
Maharashtra	Kolhapur	Kolhapur	Sugar	Orange
Maharashtra	Nanded	Nanded	Chemicals	Orange
Maharashtra	Raigad	Navi Mumbai	Textiles	Orange
Maharashtra	Raigad	Raigad	Pharmaceuticals	Orange
Maharashtra	Raigad	Raigad	Rubber	Orange
Maharashtra	Raigad	Rasayani	Chemicals	Orange
Maharashtra	Raigad	Thal	Fertilisers	Orange
Maharashtra	Ratnagiri	Ratnagiri	Engineering	Orange
Maharashtra	Ratnagiri	Ratnagiri	Fertilisers	Orange
Maharashtra	Ratnagiri	Ratnagiri	Steel	Orange
Maharashtra	Sindhudurg	Sindhudurg	Plastics	Orange
Odisha	Jagatsinghpur	Paradeep	Fertilisers	Orange
Odisha	Sundargarh	Rourkela	Fertilisers	Orange
Odisha	Sundargarh	Rourkela	Steel	Orange
Punjab	Bathinda	Bathinda	Chemicals	Orange
Punjab	Bathinda	Bathinda	Fertilisers	Orange

State	District	Place	Industry Vertical	District Status - 15th May 2020
Punjab	Bathinda	Bathinda	Petrochemical	Orange
Punjab	Gurdaspur	Dhariwal	Woollen Goods	Orange
Rajasthan	Jaisalmer	Mohangarh	Fertilisers	Orange
Rajasthan	Jhunjhunu	Khetri	Copper	Orange
Rajasthan	Jhunjhunu	Khetri nagar	Mining	Orange
Tamil Nadu	Coimbatore	Coimbatore	Aerospace & Defense	Orange
Tamil Nadu	Coimbatore	Coimbatore	Agriculture manufacturing	Orange
Tamil Nadu	Coimbatore	Coimbatore	Cement	Orange
Tamil Nadu	Coimbatore	Coimbatore	Ceramic	Orange
Tamil Nadu	Coimbatore	Coimbatore	Containers logistics	Orange
Tamil Nadu	Coimbatore	Coimbatore	Electronics	Orange
Tamil Nadu	Coimbatore	Coimbatore	Iron ore	Orange
Tamil Nadu	Coimbatore	Coimbatore	Paper	Orange
Tamil Nadu	Coimbatore	Coimbatore	Plywood	Orange
Tamil Nadu	Coimbatore	Coimbatore	Steel	Orange
Tamil Nadu	Coimbatore	Coimbatore	Stone mines	Orange
Tamil Nadu	Coimbatore	Coimbatore	Textiles	Orange
Tamil Nadu	Cuddalore	Neyveli	Lignite	Orange
Tamil Nadu	Krishnagiri	Hosur	Automotive	Orange
Tamil Nadu	Krishnagiri	Hosur	Chemicals	Orange
Tamil Nadu	Krishnagiri	Hosur	Plastics	Orange
Tamil Nadu	Salem	Salem	Auto Ancilliary industries	Orange

State	District	Place	Industry Vertical	District Status - 15th May 2020
Tamil Nadu	Salem	Salem	Iron Ore	Orange
Tamil Nadu	Salem	Salem	Steel	Orange
Tamil Nadu	Thoothukkudi	Tuticorin	Chemicals	Orange
Tamil Nadu	Thoothukkudi	Tuticorin	Fertilisers	Orange
Tamil Nadu	Thoothukkudi	Tuticorin	Petrochemical	Orange
Tamil Nadu	Tiruchirappalli	Tiruchirappalli	Cigars	Orange
Telangana	Medak	Medak	Defence - Missiles	Orange
Telangana	Medak	Medak	Pharmaceuticals	Orange
Telangana	Nalgonda	Puttapaka	Textile (Ikat)	Orange
Uttar Pradesh	Amethi	Jagdishpur	Fertilisers	Orange
Uttar Pradesh	Ghaziabad	Ghaziabad	Defence - Avionics	Orange
Uttar Pradesh	Mirzapur	Mirzapur	Carpets	Orange
Uttar Pradesh	Prayagraj	Phulpur	Fertilisers	Orange
Uttar Pradesh	Sambhal	Babrala	Chemicals	Orange
Uttar Pradesh	Sambhal	Babrala	Fertilisers	Orange
Uttar Pradesh	Sambhal	Babrala	Petrochemical	Orange
Uttar Pradesh	Unnao	Unnao	Chemicals	Orange
Uttar Pradesh	Unnao	Unnao	Food Processing Units	Orange
Uttar Pradesh	Unnao	Unnao	Leather	Orange
Uttar Pradesh	Unnao	Unnao	Meat Processing Units	Orange
Uttar Pradesh	Unnao	Unnao	Quilt Manufacturing Units	Orange
Uttarakhand	Udham Singh Nagar	Pantnagar	Auto Components	Orange
Uttarakhand	Udham Singh Nagar	Pantnagar	Automotive	Orange
Uttarakhand	Udham Singh Nagar	Rudrapur	Automotive	Orange
Uttarakhand	Udham Singh Nagar	Rudrapur	Chemicals	Orange

State	District	Place	Industry Vertical	District Status - 15th May 2020
Uttarakhand	Udham Singh Nagar	Rudrapur	Electronics	Orange
Uttarakhand	Udham Singh Nagar	Rudrapur	FMCG	Orange
Uttarakhand	Udham Singh Nagar	Rudrapur	Hardware	Orange
Uttarakhand	Udham Singh Nagar	Rudrapur	Pharmaceuticals	Orange
Uttarakhand	Udham Singh Nagar	Rudrapur	Plywood	Orange
Uttarakhand	Udham Singh Nagar	Rudrapur	Precious Tools	Orange
Uttarakhand	Udham Singh Nagar	Rudrapur	Tyres	Orange
West Bengal	Darjeeling	Darjeeling	Tea Industries	Orange
West Bengal	Malda	Malda	Textile (Tussar Silk)	Orange
West Bengal	Paschim Bardhaman	Chittaranjan	Locomotives	Orange
West Bengal	Paschim Bardhaman	Durgapur	Cement	Orange
West Bengal	Paschim Bardhaman	Durgapur	Chemicals	Orange
West Bengal	Paschim Bardhaman	Durgapur	Heavy Engineering	Orange
West Bengal	Paschim Bardhaman	Durgapur	Iron Ore	Orange
West Bengal	Paschim Bardhaman	Durgapur	Power Generation	Orange
West Bengal	Paschim Bardhaman	Durgapur	Steel	Orange
West Bengal	Paschim Bardhaman	Raniganj	Coal Mining	Orange
West Bengal	Paschim Bardhaman	Rupnarayanpur	Cables	Orange
West Bengal	Paschim Medinipur	Kharagpur	Automotive	Orange
West Bengal	Paschim Medinipur	Kharagpur	Cement	Orange
West Bengal	Paschim Medinipur	Kharagpur	Chemicals	Orange
West Bengal	Paschim Medinipur	Kharagpur	Heavy Metals	Orange
West Bengal	Paschim Medinipur	Kharagpur	Machinery	Orange
West Bengal	Paschim Medinipur	Kharagpur	Railways	Orange



Thank you!

Laqshya Media Insights Group

May 20, 2020