

EXECUTIVE SUMMARY

AS OF 25TH APRIL



Case Load analysis

- 1. MH has seen 7,628 cases, 1,076 recoveries & 323 deaths to date; Also 811 new cases & 22 new deaths reported in the last 24 hours
- 2. MH Doubling Rate remains unchanged vis-à-vis previous week at 6.6 days; but lower vs 3 day prior Doubling Rate of 7.3
- 3. Similarly, week-on-week improvements seen in Case Fatality Rate (2.8% this week v/s 4.5% last week & 3.0% three days back)
- 4. 10 districts reported no new cases in the last 7 days; districts to be carefully monitored & moved to Orange zone by 3rd May.
- 5. 3 districts have reported no cases till date & 4 districts have reported no cases in last 21 days; critical to monitor & maintain Green zone status
- 6. Only 4 districts i.e. Dhule (1.5), Nandurbar (2.0), Hingoli (2.3) & Jalgaon (2.6) have doubling rates <=4 days (weekly case growth >20%); strong focus to ramp up containment measures in these districts

Treatment

- 1. Mumbai has >80% utilization in isolation beds
- 2. Akola & Nashik have utilization >80% in institutional quarantine beds.

Testing

- 1. Total tests per million: Maharashtra (876) ranks lower than Delhi (1,668), Rajasthan (952) & Tamil Nadu (952) but top 2 hot spot districts Mumbai (3,890) and Thane (2,308) have highest testing rate (per million) in India
- 2. There has been a ~28% week-on-week growth in the number of tests conducted this week (40,511) with increase in overall hit rate to 8.6% this week from 5.5% last week
- 3. Private labs account for 52% of overall testing volume with the balance from Government labs
- 4. Substantial improvement in Hit rate of Private labs to 9.5% this week from 4.9% last week & v/s 8.9% in government labs

Contact Tracing & Containment

- 1. ~125,000 people home quarantined (+52% over last week) and ~8,000 people in institutional quarantine (+16% over last week)
- 2. Dhule, Thane, Jalna, Hingoli & Mumbai have <55% contacts traced; need to expedite contact tracing process



COVID'19 CURRENT CASE LOAD VIEW | INDIA



New death

Case Fatality rate

of cases per Mn pop



Case

India COVID19 Status World Maharashtra India Total cases 2,919,404 26,282 7,628 90,722 New cases 1,835 811 Recoveries 836,612 5,939 1,076 Total death 825 323 203,164

6,069

7%

375.4

India Case load trend # cumulative case load 1,669 1,835 30,000 2,000 1,537 1,581 25,000 1,500 1,249 20,000 880 922 809 853 1,000 15,000 606 440 560 10,000 500 12 16 15 25 60 69 66 78 143 208 5,000 7- 9- 11- 13- 15- 17- 19- 21- 23- 25-10- 12- 14- 16- 18- 20- 22- 24- 26- 28- 30- 1- 3-

State level COVID 19 view

Name of				Fatality
State	Cases	Recoveries	Deaths	Rate
Maharashtra	7,628	1,076	323	4%
Gujarat	3,071	282	133	4%
Delhi	2,625	869	54	2%
Rajasthan	2,083	513	34	2%
Madhya Pradesh	1,945	281	99	5%
Tamil Nadu	1,821	960	23	1%
Uttar Pradesh	1,793	261	27	2%
Andhra Pradesh	1,016	171	31	3%
Telangana	990	307	25	3%
West Bengal	571	103	18	3%
Karnataka	500	158	18	4%
Others	2,239	958	40	2%
Total	26,282	5,939	825	3%

45

3%

19.6

22

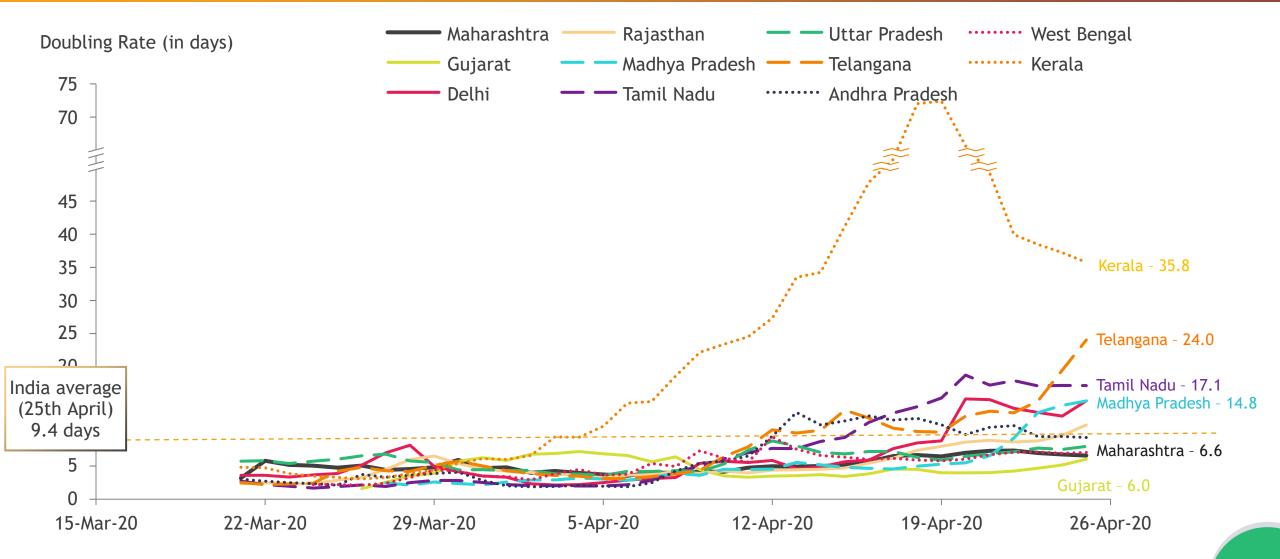
4%

60.1

STATE LEVEL VIEW | DOUBLING RATE



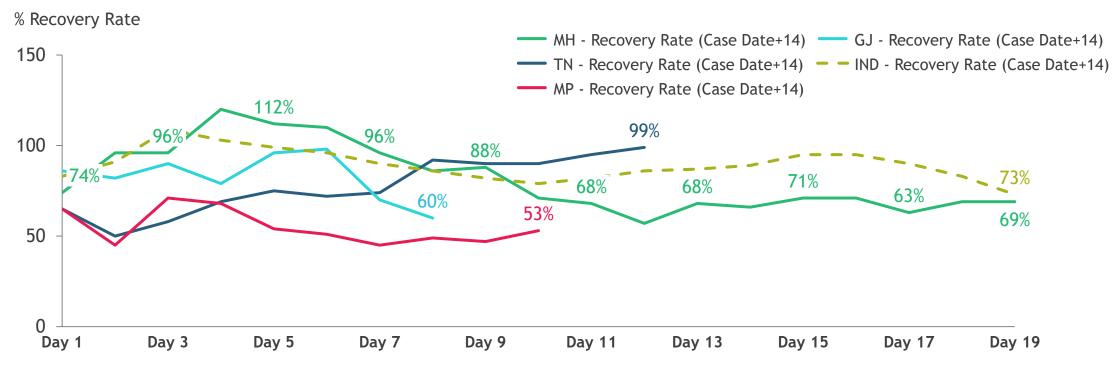
7 DAY ROLLING AVG. BASED ON 25TH APRIL DATA



STATE LEVEL VIEW | RECOVERY RATE

AS OF 25TH APRIL

Recovery Rate % assuming a 14 day hospital stay



Day 1 for MH: March 24 Day 1 for TN: March 31 Day 1 for MP: April 2 Day 1 for GJ: April 4 Day 1 for IND: Mar 14

Day 1 represents date when case load crosses 100

COVID'19 CURRENT CASE LOAD VIEW | MAHARASHTRA

AS OF 25TH APRIL





7,628

Total Active Cases

6,229

Doubling Rate In # Days

6.6

(9.4 India Avg.)

Active Critical Patients

81

Total Patients Recovered

1076

Total Deaths

323

Case Fatality Rate

4.2%

(3.1% India Avg.)

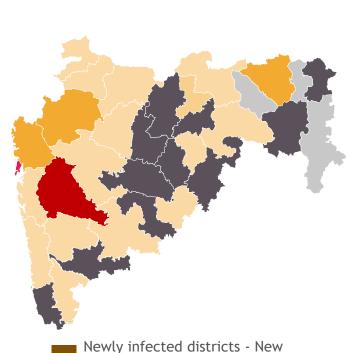
% Needing ICU
Treatment

1.5%

% On Ventilator Support

1.5%

32 Districts in MH affected by COVID-19



Newly infected districts - New cases identified in last 3 days

Districts where no new cases identified in last 3 days

<100 ■ 100-800 ■ >=800 □ No Cases

Mumbai, Pune, Thane, Palghar & Nashik are Top 5 hotspot districts (Case load>10; Doubling

Rate<20 days)

11 districts

(Sangli, Buldhana, Osmanabad, Chandrapur, Jalna, Washim, Gondia, Sindhudurg, Beed, Parbhani, Nanded)

reported no new COVID cases in the last 3 days

3 districts

(Bhandara, Gadchiroli, Wardha)
have reported no COVID
cases till date

^{1.} Recovery rate calculation excludes patients not currently hospitalized from total admitted patients

Total 35 districts shown as Mumbai City & Mumbai suburban districts are consolidated & shown as Mumbai

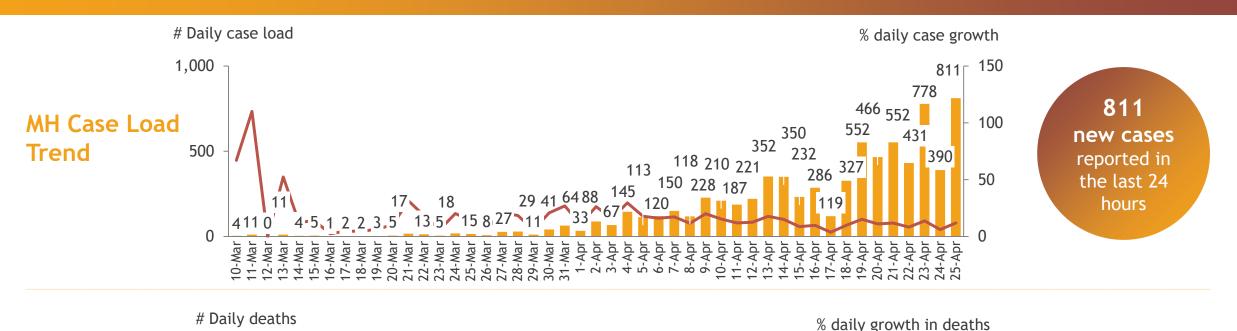
Doubling rate calculated as 7 day rolling average of total cases.

Source - COVID-19 daily update by Public Health Department, Government of Maharashtra

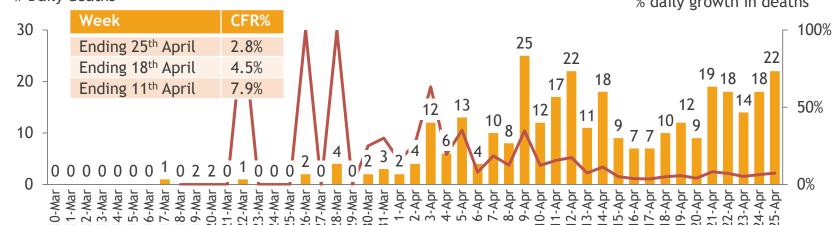
COVID'19 CURRENT CASE LOAD VIEW | MAHARASHTRA











deaths
reported in
the last 24
hours

DISTRICT LEVEL VIEW | CASE LOAD AND DEATHS (1/3)



AS OF 25TH APRIL

Name of District	Total Cases	New Cases	Total Deaths	New Deaths	# of cases per Mn Population	Daily Growth	Weekly Growth	CFR%
Mumbai	5,049	602	191	13	390.0	14%	12%	4%
Pune	1,030	69	73	6	89.8	7%	8%	7 %
Thane	717	74	15	0	69.8	12%	11%	2%
Palghar	139	4	4	0	39.7	3%	8%	3%
Nashik	131	4	12	1	18.3	3%	14%	9%
Nagpur	107	6	1	0	20.6	6%	9%	1%
Raigad	56	2	1	0	18.5	4%	5%	2%
Aurangabad	50	8	5	0	11.3	19%	8%	10%
Solapur	46	7	4	1	9.7	18%	19%	9%
Ahmednagar	35	2	2	0	7.0	6%	3%	6%

¹⁾ XXX - >20%+ daily growth rate

²⁾ XXX - 5-20% daily growth rate

³⁾ XXX - <5% daily growth rate

DISTRICT LEVEL VIEW | CASE LOAD AND DEATHS (2/3)



AS OF 25TH APRIL

Name of District	Total Cases	New Cases	Total Deaths	New Deaths	# of cases per Mn Population	Daily Growth	Weekly Growth	CFR%
Sangli	26	0	1	0	8.5	0%	0%	4%
Buldhana	21	0	1	0	7.2	0%	0%	5%
Akola	23	0	1	0	11.5	0%	6%	4%
Yavatmal	28	5	0	0	9.1	22%	12%	0%
Satara	29	9	2	0	9.1	45%	15%	7%
Kolhapur	10	0	0	0	2.4	0%	10%	0%
Dhule	25	3	3	1	10.6	14%	58%	12%
Latur	9	0	0	0	3.2	0%	2%	0%
Ratnagiri	8	0	1	0	5.2	0%	4%	13%
Amravati	19	6	0	-1	6.0	46%	18%	0%
Hingoli	8	1	0	0	5.9	14%	35%	0%

¹⁾ XXX - >20%+ daily growth rate

²⁾ XXX - 5-20% daily growth rate

³⁾ XXX - <5% daily growth rate

DISTRICT LEVEL VIEW | CASE LOAD AND DEATHS (3/3)



AS OF 25TH APRIL

Name of District	Total Cases 1	New Cases	Total Deaths	New Deaths	# of cases per Mn Population	Daily Growth	Weekly Growth	CFR%
Nandurbar	11	4	1	0	5.6	57 %	41%	9 %
Jalgaon	13	5	2	0	2.7	63%	31%	15%
Osmanabad	3	0	0	0	1.6	0%	0%	0%
Chandrapur	2	0	0	0	0.9	0%	0%	0%
Jalna	2	0	0	0	0.9	0%	0%	0%
Washim	1	0	0	0	0.7	0%	0%	0%
Gondia	1	0	0	0	0.7	0%	0%	0%
Sindhudurg	1	0	0	0	1.2	0%	0%	0%
Beed	1	0	0	0	0.3	0%	0%	0%
Parbhani	1	0	0	0	0.5	0%	0%	0%
Nanded	1	0	0	0	0.3	0%	N.A.	0%
From other States/ Not allocated	25	0	3	1	N.A.	0%	10%	12%

¹⁾ XXX - >20%+ daily growth rate

²⁾ XXX - 5-20% daily growth rate

³⁾ XXX - <5% daily growth rate

DISTRICT LEVEL VIEW | SUCCESS STORY





Districts with no new cases in the last 3 days

District	Total Cases (till date)	Total Cases (7 days prior)	Growth % (last week)	Date of last reported case
Sangli	26	26	0%	7 th April
Buldhana	21	21	0%	15 th April
Osmanabad	3	3	0%	4 th April
Chandrapur	2	2	0%	16 th April
Jalna	2	2	0%	22 nd April
Washim	1	1	0%	3 rd April
Gondia	1	1	0%	27 th March
Sindhudurg	1	1	0%	26 th March
Beed	1	1	0%	9 th April
Parbhani	1	1	0%	16 th April
Nanded	1	0	N.A.	22 nd April
Total	60	59		

Best practice adopted in Sangli to contain spread of COVID

- Quick formation and deployment of District Rapid Response Teams to trace all contacts of affected patients
- 2. Precision approach adopted to stop the further spread via contacts:
 - Symptomatic high risk contacts: Isolate and test
 - Asymptotic contacts: Institutional quarantine
 - All low risk contacts: Home quarantined
- 3. All entry & exit points were sealed in containment zones (1 Km radius) and buffer zones
- 4. Strict enforcement of social distancing

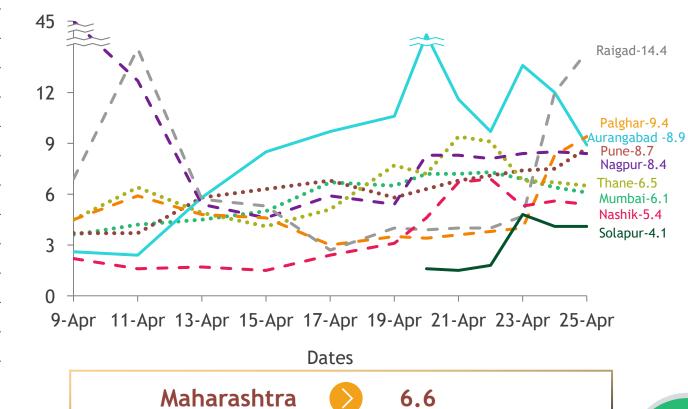
DISTRICT LEVEL VIEW | DOUBLING RATE



7 DAY ROLLING AVG. FOR 25TH APRIL

District	Doubling rate	District	Doubling rate
Dhule	1.5	Akola	11.4
Nandurbar	2.0	Raigad	14.4
Hingoli	2.3	Ratnagiri	16.9
Jalgaon	2.6	Ahmednagar	21.7
Solapur	4.1	Latur	41.2
Amravati	4.2	Sangli	0.0
Satara	5.0	Buldhana	0.0
Nashik	5.4	Osmanabad	0.0
Mumbai	6.1	Chandrapur	0.0
Yavatmal	6.3	Jalna	0.0
Thane	6.5	Washim	0.0
Kolhapur	7.0	Gondia	0.0
Nagpur	8.4	Sindhudurg	0.0
Pune	8.7	Beed	0.0
Aurangabad	8.9	Parbhani	0.0
Palghar	9.4	Nanded	0.0

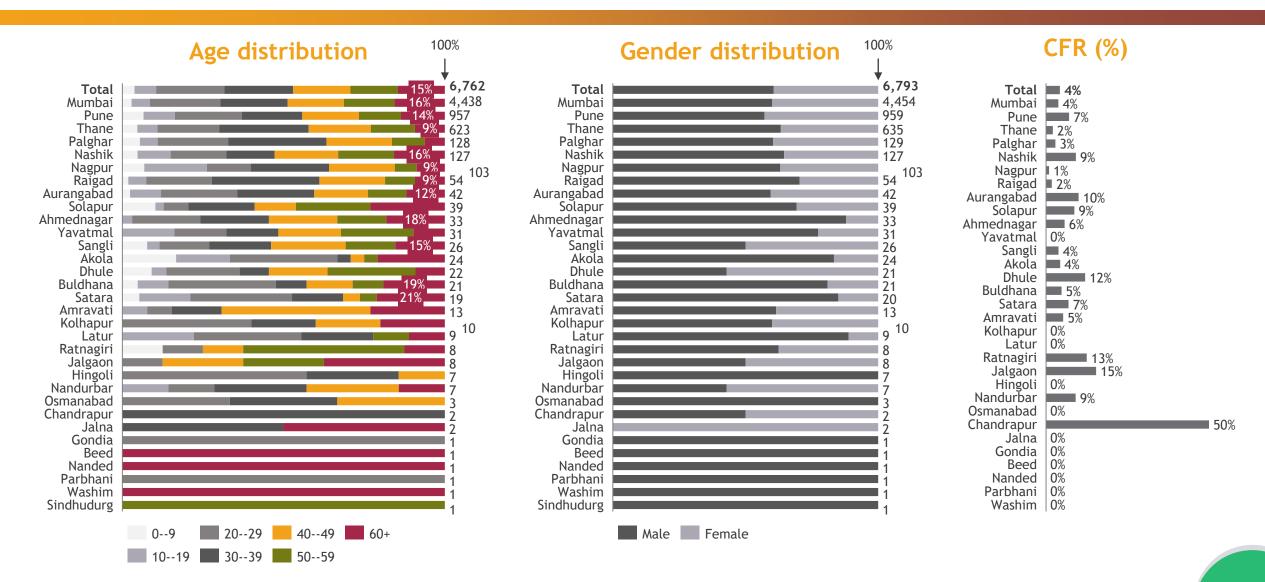
Doubling Rate (Longitudinal View) (Districts with >25 cases)



DISTRICT LEVEL VIEW | DEMOGRAPHIC PROFILE

公

AS OF 24TH APRIL

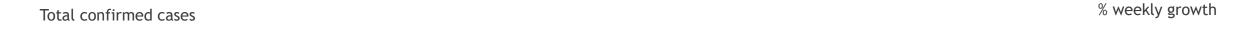


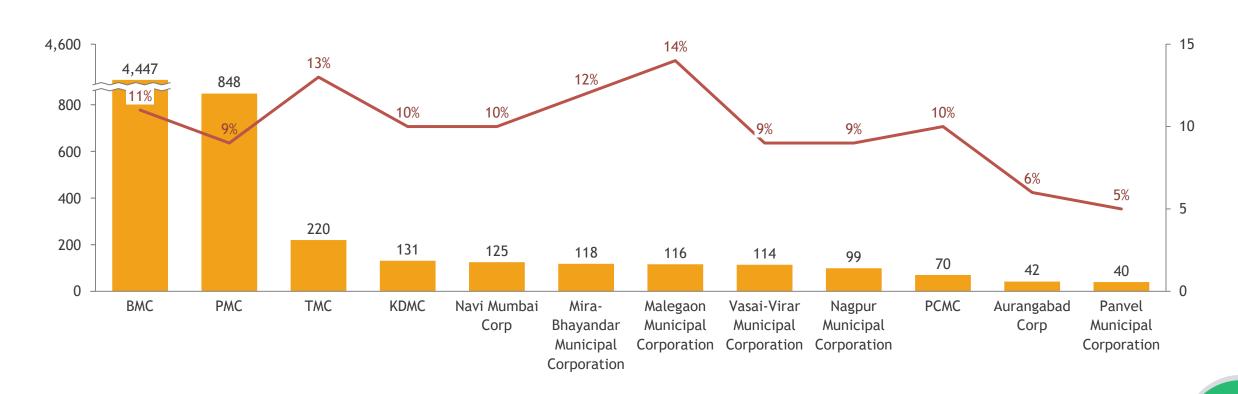
^{1.} Age and gender of few confirmed individuals not reported Source - COVID-19 daily update by Public Health Department, Government of Maharashtra

MUNICIPAL CORP. VIEW | CASE LOAD VIEW AS OF 24TH APRIL



Top Municipal Corp. accounting for ~90% COVID-19 cases



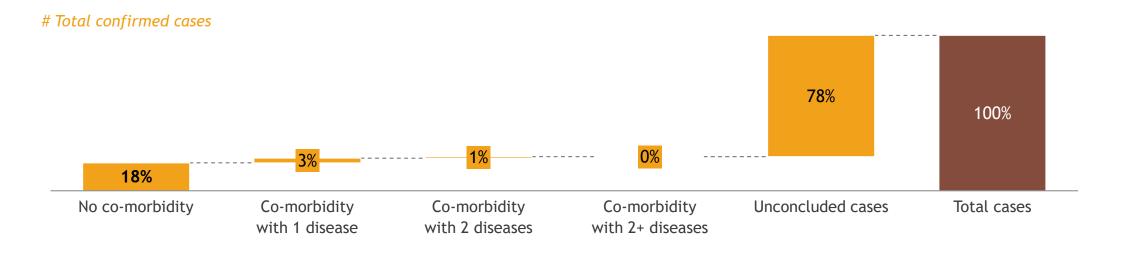


CO-MORBIDITY VIEW | MAHARASHTRA AS OF 24TH APRIL





Existing medical condition of COVID confirmed patients



^{1.} Co-morbidity conditions - hypertension, diabetes, heart disease, asthama, COPD (chronic obstructive pulmonary disease), allergic rhinitis, migraine, liver disease, pregnancy, malignancy, colostomy, kidney disease, tuberculosis, neurological disorder, thyroid disorder, liver disease, migraine, typhoid, ulcerative collipis, malaria, bronchitis 2. % calculated out of cases for which co-morbidity status mentioned Source - COVID-19 daily update by Public Health Department, Government of Maharashtra



HEALTHCARE INFRASTRUCTURE | ISOLATION BEDS

AS OF 24TH APRIL

of isolation beds

177,129

of isolation beds occupied currently

14,531

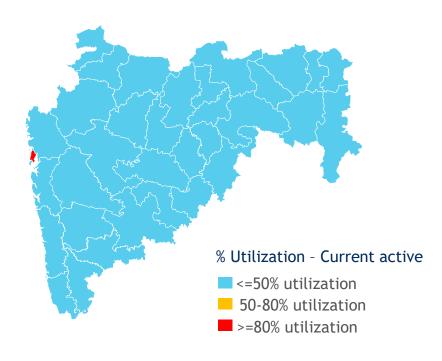
% occupancy now

8.20%

Avg. # of days spent in isolation bed

XX days

Isolation bed utilization



Isolation bed utilization across districts

District	# of bed	Current case load	% utilization	Avg. length of stay
Mumbai	3,422	7,792	228%	
Pune	6,814	2,858	42 %	
Dhule	1,329	138	10%	
Raigad	2,367	171	7%	
Palghar	2,763	194	7%	

Isolation bed utilization across hospitals

			Current activ	re
Hospital	District	# of beds	load	% util. currently
Kokilaben Hosp	Mumbai	17	100	588%
Lilawati Hostipal	Mumbai	20	90	450%
Bharatratna Pandit Bhimsen Joshi Hospital	Thane	80	315	394%
Kasturba Hospital	Mumbai	100	356	356%
HBT Medi. Coll. (Cooper Hosp.)	Mumbai	100	294	294%

HEALTHCARE INFRASTRUCTURE | OXYGEN BEDS

AS OF 24TH APRIL

of oxygen

22,690

of patient currently requiring oxygen beds

XX

% occupancy of oxygen beds currently

XX%

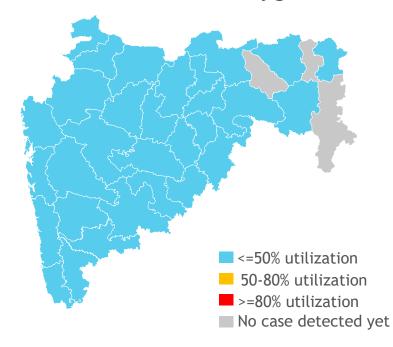
% COVID +ve patients requiring oxygen beds

XX%

of days spent on oxygen bed

XX days

District-wise utilization of oxygen beds



of oxygen beds in hotspot districts

District	# of oxygen beds	Oxygen beds - current cases	% utilization	Avg. # of days spent
Mumbai	1,980			
Pune	1,023			
Thane	4,514			
Palghar	834			
Nashik	1,207			

Hospitals with least # of oxygen beds

	•		, ,		
		#	Oxygen beds		-
		oxygen	- current	%	Avg. # of
Hospital	District	beds	case load	utilization	days spent
Wadia Hospital	Mumbai	0			
Bolinj Isolation Center	Palghar	5			
Fortis Hospital	Mumbai	6			
Global Hospital	Mumbai	8			
HBT Medi. Coll.	Mumbai	10			

HEALTHCARE INFRASTRUCTURE | ICU BEDS

AS OF 24TH APRIL

of ICU beds

7,249

of patient currently requiring ICU beds

81

% occupancy of ICU beds currently

1.12%

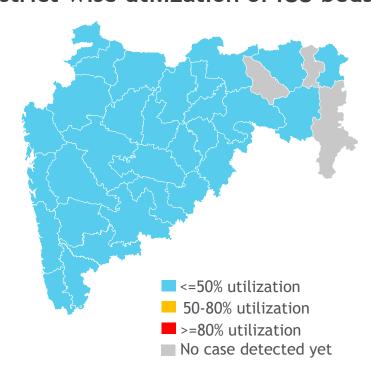
% COVID +ve patients requiring ICU care

1.5%

of days sper in ICU bed

XX days

District-wise utilization of ICU beds



5 districts with ICU beds utilization

		ICU beds - curre	ICU beds - current		
District	# of ICU beds	cases	% utilization	spent	
Dhule	27	2	7%		
Pune	460	25	5%		
Ratnagiri	30	1	3%		
Mumbai	1,101	36	3%		
Thane	467	13	3%		

ICU beds utilization in 4 hospitals

Hospital	District	# ICU beds	current case load	% utilization	Avg. # of days spent
Kasturba Hospital	Mumbai	10	17	170%	
Fortis Hospital	Mumbai	4	5	125 %	
Horizon Hospital	Thane	15	6	40%	
K J Somaiyya Hosp	Mumbai	7	2	29 %	
HBT Medi. Coll.	Mumbai	22	3	14%	

HEALTHCARE INFRASTRUCTURE | VENTILATORS

AS OF 24TH APRIL

Available supply of ventilators

3,023

of patients on ventilator support

81

% utilization of ventilators currently

2.68%

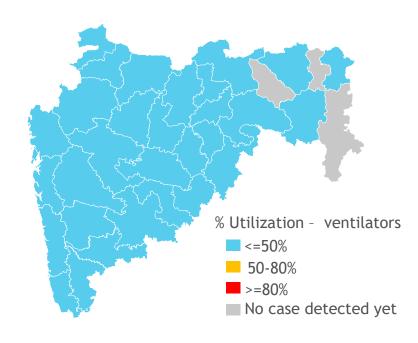
% COVID +ve patients needing ventilator support

1.5%

Avg. Transit days post PO issuance

XX

District-wise utilization of ventilators



5 districts with ventilator utilization

District	# of ventilators	Current case load of ventilators	% Utilization	# approved for purchase
Pune	116	25	22%	
Dhule	12	2	17%	
Thane	199	13	7%	
Ratnagiri	16	1	6%	
Mumbai	774	36	5%	

Ventilator utilization in 5 hospitals

			Ventilator -	0/	# approved
			current case	%	for
Hospital	District	# Ventilators	load	Utilization	purchase
Kasturba Hospital	Mumbai	10	17	170%	
Fortis Hospital	Mumbai	4	5	125%	
Horizan Hospital	Thane	5	6	120%	
K J Somaiyya Hosp	Mumbai	7	2	29 %	
HBT Medi. Coll. (Cooper Hosp.)	Mumbai	29	3	10%	

HEALTHCARE INFRASTRUCTURE | PPEs

AS OF 24TH APRIL

Available supply of PPEs in the hospital

79,333

Available supply of buffer PPEs

266,349

of days of PPE availability



Avg. PPE usage per patient



Avg. PPE availability per patient



Illustrative



PPE availability in the top 5 hotspot districts

District	# of health- care workers	# of doctor	# of nursing staff	Net PPEs available	# of days of PPEs available	Avg. PPE usage per patient	Avg. PPE availability per patient
Mumbai				23,749			
Pune				21,032			
Thane				25,732			
Palghar				30,720			
Nashik				36,222			

Top 5 hospitals with least PPE availability

Hospital	District	# of healthcare # of workers doctors	# of nursing staff	PPEs available	# of days of PPE available	Avg. PPE usage per patient	Avg. PPE availability per patient
Wadia Hosp	Mumbai			0			
DH, Buldhana	Buldhana			5			
Sahyadri Hosp	Pune			10			
Shashtrinagar Hospital	Thane			20			
INHS Asvini Military Hosp	Mumbai			30			

HEALTHCARE INFRASTRUCTURE | N95 MASKS

AS OF 24TH APRIL

Available supply of N95 masks in the hospital

283,783

Available supply of buffer N95 masks

1,317,189

of days of N95 mask availability



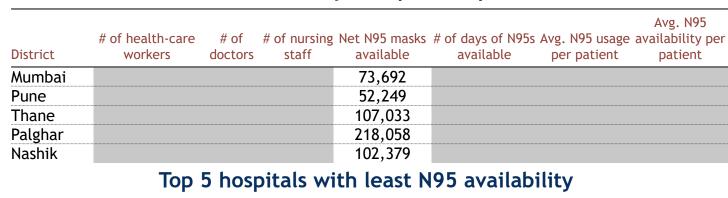
Avg. N95 usage per patient



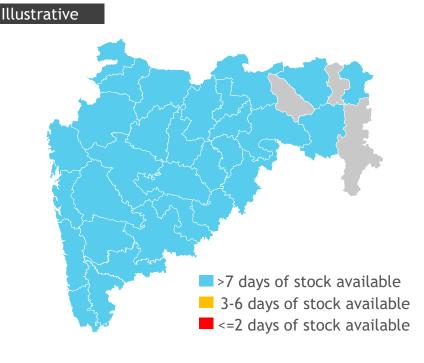
Avg. N95 availability per patient



N95 mask availability in top 5 hotspot districts

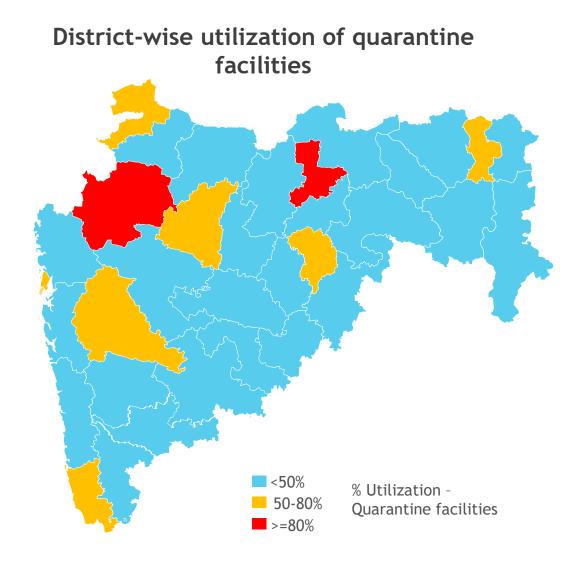


Hospital	District	# of health- care workers	# of doctor	# of nursing staff	N95 mask available	# of days of N95 masks available	Avg. N95 mask usage per patient	Avg. N95 availability per patient
Wadia Hosp	Mumbai				0			
GMC Yavatmal	Yavatmal				2			
DH Buldhana	Buldhana				7			
Shashtrinagar Hospital	Pune				10			
New Bhosari Hospital	Pune				30			



HEALTHCARE INFRASTRUCTURE | QUARANTINE FACILITIES

AS OF 24TH APRIL



BED CAPACITY AT QUARANTINE FACILITY

18,853

PATIENTS CURRENTLY IN QUARANTINE

8,096

% UTILIZATION

42.9%

Top 5 districts with highest % utilization

District	# of beds at Quarantine facilities	# patients at Quarantine facilities	% Utilization
Akola	125	112	90%
Nashik	862	701	81%
Nandurbar	564	440	78%
Mumbai	523	374	72%
Hingoli	610	436	71%

HEALTHCARE INFRASTRUCTURE | FEVER CLINICS

AS OF 24TH APRIL

District	# of fever clinics	% of total fever clinics in the State	Ratio of % share fever clinic/% share of confirmed cases
Total	1,255		
Mumbai	29	2%	0.04
Thane	17	1%	0.15
Palghar	23	2%	1.03
Nashik	33	3%	1.57
Nagpur	28	2%	1.63
Hingoli	5	0%	3.89
Raigad	52	4%	5.78
Aurangab ad	51	4%	6.35
Nandurba r	16	1%	9.05
Dhule	48	4%	11.95
Akola	52	4%	14.07
Ahmedna gar	98	8%	17.42
Yavatmal	89	7%	19.78
Buldhana	74	6%	21.92
Amravati	78	6%	25.54

		0/ of total forces	Datio of 0/ share favor
	# of fever	% of total fever clinics in the	Ratio of % share fever clinic/% share of
District	# of fever	State	confirmed cases
	Ctilles	State	Committee cases
Washim	6	0%	37.33
Latur	59	5%	40.79
Osmanabad	20	2%	41.48
Ratnagiri	54	4%	42.00
Jalgaon	100	8%	47.86
Chandrapur	22	2%	68.44
Sindhudurg	20	2%	124.44
Nanded	21	2%	130.66
Gondia	22	2%	136.88
Parbhani	23	2%	143.10
Jalna	73	6%	227.10
Beed	43	4%	267.54
Gadchiroli	14	1%	N.A.
Wardha	41	3%	N.A.
Bhandara	44	4%	N.A.





TESTING VOLUMES | TOP 3 HOTSPOT DISTRICTS

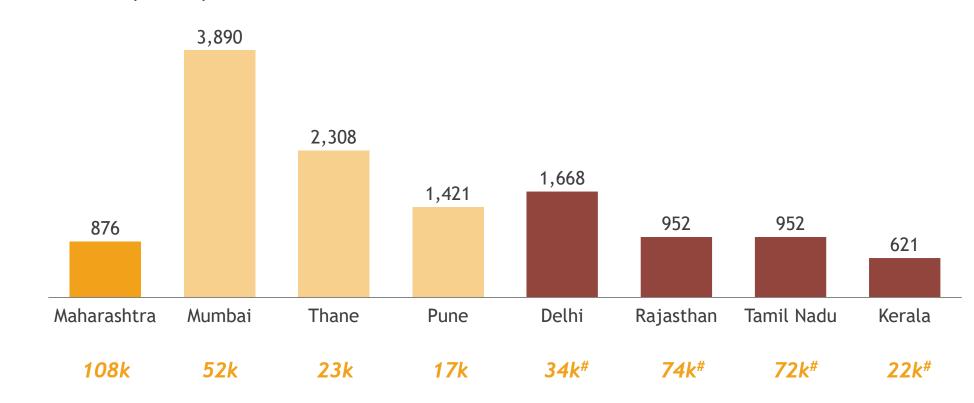


AS OF 24TH APRIL

Total tests

till date





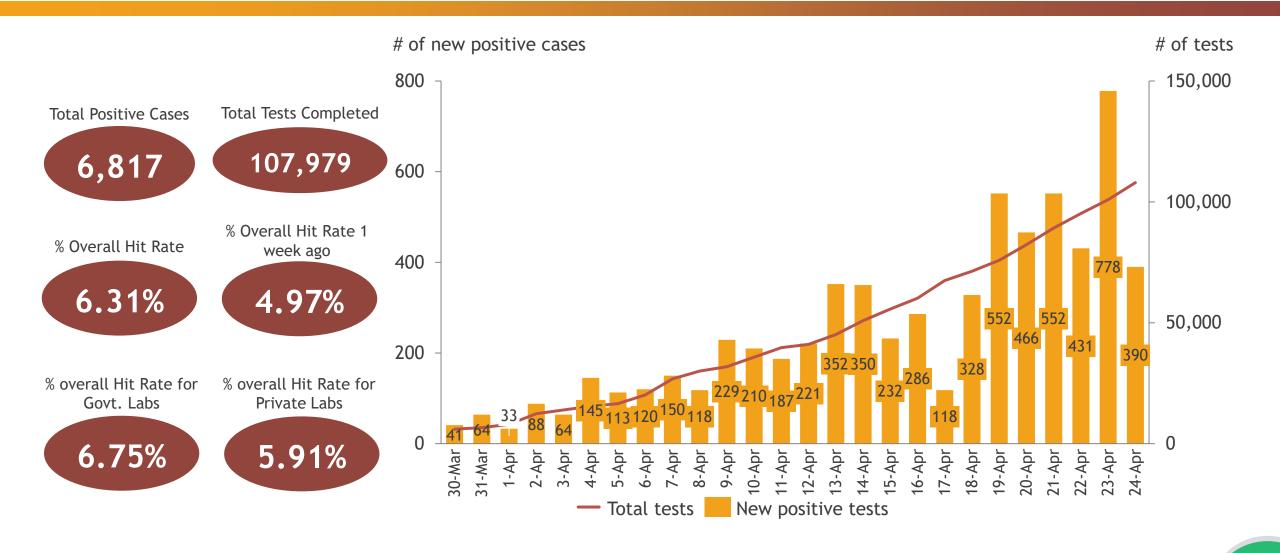
^{1.} Testing labs for Mumbai, Thane & Pune districts considered basis lab location

^{#.} Data for Delhi as on April 24, Data for Rajasthan as on April 24, Data for Kerala as on April 24, Data for Tamil Nadu as on April 24
Source: COVID-19 daily update by Public Health Department, Government of Maharashtra; Official Govt COVID bulletins for Kerala & Tamil Nadu

TESTING VOLUMES | TOTAL TESTS AND POSITIVE CASES



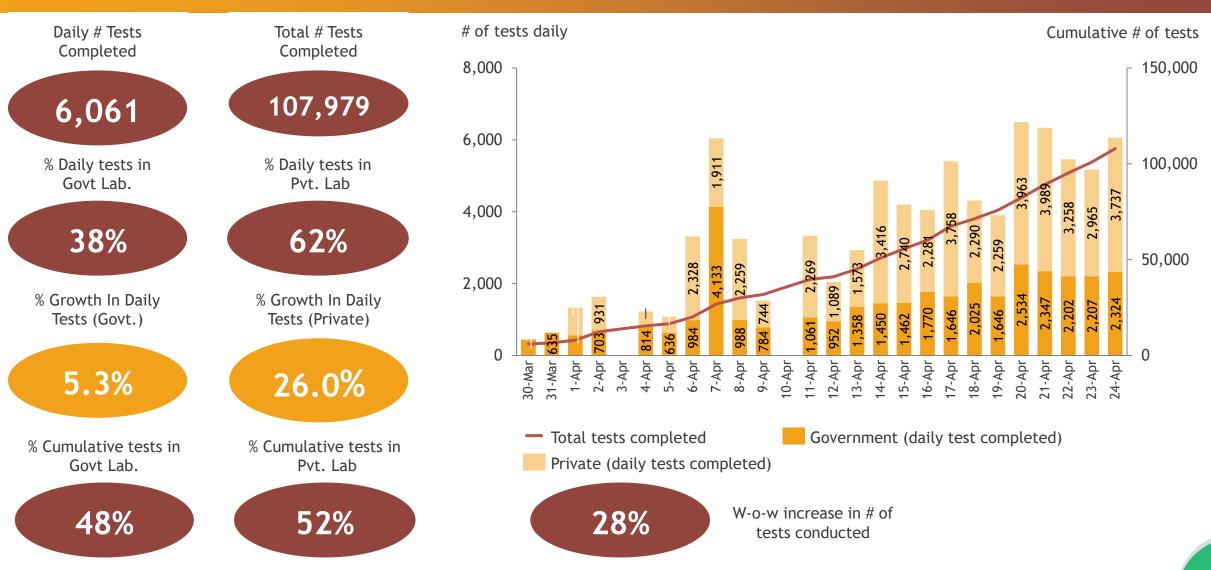
AS OF 24TH APRIL



TESTING VOLUMES | PRIVATE VS. GOVT. TESTING VIEW

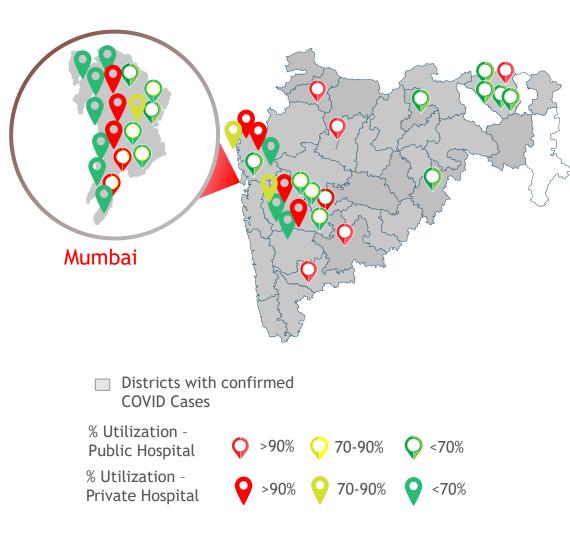


AS OF 24TH APRIL



TESTING: TESTING LABS VIEW

AS OF 24TH APRIL



Top 5 testing labs with highest % utilization

Testing lab	Test Capac ity / day	Total tests compl eted	# Daily tests compl eted/ day	# Tests comple ted prev. day	Growth in tests (%)	% Utiliz ation	% Daily Hit Rate	% awaited	Stock of testing kits in # Days	Avg. Wait time for test results
GMC Aurangabad	90	4470	532	253	110%	591 %	0.38%	0.00%	1418	
Haffkine, Mumbai	100	3165	366	198	85%	366%	0.00%	0.41%	NR	
GMC Dhule	90	2174	278	36	672%	309%	3.96%	0.00%	3	
GMC Miraj	50	2032	136	140	-3%	272 %	0.00%	0.00%	NR	
SRL Limited, Goregaon	250	6767	569	524	9%	228%		0.00%	6020	

Top 5 testing labs with lowest % utilization¹

Testing lab	Test Capac ity / day	Total tests compl eted	# Daily tests compl eted/ day	# Tests comple ted prev. day	Growth in tests (%)	% Utiliz ation	% Daily Hit Rate	% awaited	Stock of testing kits in # Days	Avg. Wait time for test results
NIRRH, Mumbai	100	172	8	0	-	8%	0.00%	33.85%	3000	
Metropolis, Mumbai	1050	10106	141	206	-32%	13%	2.13%	0.00%	NR	
Marathwada Univ, Nanded	200	59	59	-	-	30%	0.00%	0.00%	NR	
BJMC, Pune	200	2429	99	125	-21%	50 %	3.03%	0.00%	942	
AIIMS Nagpur	100	1898	50	51	-2%	50%	28.00%	5.15%	1000	



CONTACT TRACING | MAHARASHTRA

AS OF 24TH APRIL



8,194

Field teams deployed

37% rise over last week

31.43 lakh

Population covered by Field teams

36% rise over last week

125,077

People home quarantined

52% rise over last week

8,096

People in institutional quarantine

16% rise over last week

CONTACT TRACING | DISTRICT-WISE VIEW

AS OF 23RD APRIL

District	Total confirmed cases	# of patients for which contacts traced	% of cases for which contacts traced
Total	6405	3678	57%
Dhule	17	2	12%
Thane	588	289	49%
Jalna	2	1	50%
Hingoli	2	1	50%
Mumbai	4205	2265	54%
Nashik	120	71	59%
Pune	910	559	61%
Raigad	51	35	69%
Aurangabad	41	30	73%
Nagpur	100	84	84%
Palghar	132	112	85%
Amravati	7	6	86%
Jalgaon	8	7	88%
Buldhana	24	21	88%
Yavatmal	25	23	92%
Ahmednagar	32	31	97%
Sindhudurg	1	1	100%

District	Total confirmed cases	# of patients for which contacts traced	% of cases for which contacts traced
Osmanabad	3	3	100%
Beed	1	1	100%
Kolhapur	8	8	100%
Ratnagiri	7	7	100%
Nandurbar	7	7	100%
Nanded	1	1	100%
Chandrapur	2	2	100%
Satara	20	20	100%
Solapur	34	34	100%
Gondia	1	1	100%
Akola	20	20	100%
Latur	8	8	100%
Sangli	27	27	100%
Washim	1	1	100%
Bhandara	0	0	
Wardha	0	0	
Gadchiroli	0	0	

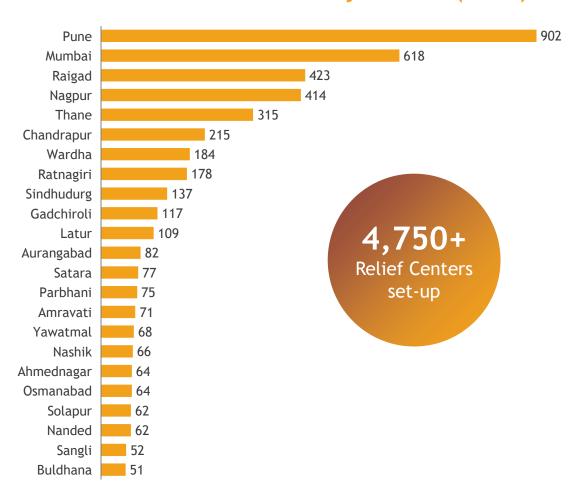


FOOD SUPPLIES | MAHARASHTRA

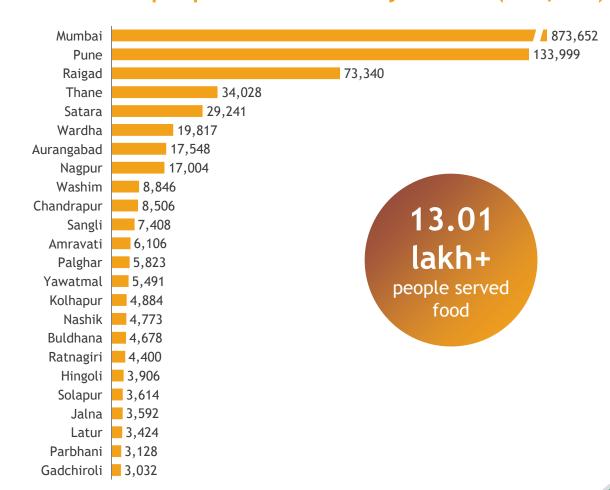




Number of Relief Centers by District (>=50)



Number of people served food by district (>=3,000)





HEALTHCARE INFRASTRUCTURE | ISOLATION BEDS AS OF 24TH APRIL (I/II)

District	# of isolation beds	Current occupancy of isolation beds	% utilization of isolation beds	# of isolation beds for COVID confirmed	# of active cases on isolation beds	% utilization of isolation beds for COVID confirmed	# of isolation beds for COVID	# of suspect ed	% utilization of isolation beds for COVID
				cases			suspected	cases	suspected
Total	177,107	13,659	7.71%	63,333	4,564	7.21%	113,774	9,095	7.99%
Mumbai	3,422	7,792	227.70%	2,466	3,086	125.14%	956	4,706	492.26%
Pune	6,814	2,858	41.94%	2,679	775	28.93%	4,135	2,083	50.37%
Dhule	1,329	138	10.38%	55	21	38.18%	1,274	117	9.18%
Raigad	2,367	171	7.22%	320	26	8.13%	2,047	145	7.08%
Palghar	2,763	194	7.02%	1,807	44	2.43%	956	150	15.69%
Yavatmal	3,411	163	4.78%	2,046	22	1.08%	1,365	141	10.33%
Akola	1,842	87	4.72%	568	18	3.17%	1,274	69	5.42%
Sindhudurg	1,130	49	4.34%	468	0	0.00%	661	49	7.41%
Gondia	1,307	47	3.60%	334	0	0.00%	973	47	4.83%
Jalna	2,709	93	3.43%	1,924	3	0.16%	765	90	11.76%
Satara	5,228	156	2.98%	1,275	12	0.94%	3,953	144	3.64%
Nashik	18,688	510	2.73%	5,317	106	1.99%	13,371	404	3.02%
Kolhapur	4,969	134	2.70%	1,891	7	0.37%	3,078	127	4.13%
Nanded	4,189	102	2.43%	2,096	0	0.00%	2,093	102	4.87%
Ahmednagar	6,022	139	2.31%	4,637	17	0.37%	1,385	122	8.81%
Bhandara	1,084	25	2.31%	547	0	0.00%	537	25	4.66%
Nandurbar	1,230	26	2.11%	319	3	0.94%	911	23	2.52%

HEALTHCARE INFRASTRUCTURE | ISOLATION BEDS AS OF 24TH APRIL (II/II)

District	# of isolation beds	Current occupancy of isolation beds	% utilization of isolation beds	# of isolation beds for COVID confirmed cases	# of active cases	% utilization of isolation beds for COVID confirmed	# of isolation beds for COVID suspected	# of suspecte d cases	% utilization of isolation beds for COVID suspected
	1,166	20	1.72%	472	6	1.27%	694	14	2.02%
Thane	15,966	261	1.63%	8,330	261	3.13%	7,636	0	0.00%
Amravati	3,665	55	1.50%	617	9	1.46%	3,048	46	1.51%
Ratnagiri	2,090	27	1.29%	1,047	1	0.10%	1,041	26	2.50%
Jalgaon	10,985	135	1.23%	490	4	0.82%	10,496	131	1.25%
Aurangabad	9,475	116	1.22%	3,311	20	0.60%	6,164	96	1.56%
Parbhani	2,025	22	1.09%	650	1	0.15%	1,375	21	1.53%
Osmanabad	2,289	23	1.00%	1,075	0	0.00%	1,214	23	1.89%
Solapur	8,155	75	0.92%	1,443	39	2.70%	6,712	36	0.54%
Nagpur	22,651	176	0.78%	7,399	74	1.00%	15,252	102	0.67%
Buldhana	3,410	21	0.62%	420	9	2.14%	2,990	12	0.40%
Gadchiroli	2,285	10	0.44%	1,142	0	0.00%	1,143	10	0.87%
Wardha	3,215	11	0.34%	844	0	0.00%	2,371	11	0.46%
Beed	4,281	11	0.26%	1,575	0	0.00%	2,706	11	0.41%
Latur	3,209	7	0.22%	1,613	0	0.00%	1,596	7	0.44%
Chandrapur	1,963	4	0.20%	555	0	0.00%	1,408	4	0.28%
Washim	1,135	1	0.09%	415	0	0.00%	720	1	0.14%
Sangli	10,660	0	0.00%	3,186	0	0.00%	7,474	0	0.00%

HEALTHCARE INFRASTRUCTURE OXYGEN BEDS AS OF 24TH APRIL

District	# of oxygen beds		
Total	22,690		
Thane	4,514		
Nagpur	2,643		
Mumbai	1,980		
Sangli	1,274		
Nashik	1,207		
Nanded	1,111		
Pune	1,023		
Palghar	834		
Aurangabad	808		
Solapur	677		
Gadchiroli	633		
Satara	607		
Washim	485		
Ahmednagar	469		
Beed	416		
Wardha	390		
Jalgaon	325		

District	# of oxygen beds
Kolhapur	316
Amravati	297
Yavatmal	292
Buldhana	267
Chandrapur	266
Ratnagiri	260
Latur	225
Jalna	220
Raigad	177
Parbhani	168
Osmanabad	155
Akola	152
Sindhudurg	135
Nandurbar	127
Gondia	108
Bhandara	53
Dhule	44
Hingoli	32

HEALTHCARE INFRASTRUCTURE | ICU BEDS AS OF 24TH APRIL (I/II)

District	# of ICU beds	Current occupancy of ICU beds	% utilization of ICU beds	# of active cases	% of active cases requiring ICU beds
Total	7,249	81	1.12%	4,645	1.74%
Dhule	27	2	7.41%	23	8.70%
Pune	460	25	5.43%	800	3.13%
Ratnagiri	30	1	3.33%	2	50.00%
Mumbai	1,101	36	3.27%	3,122	1.15%
Thane	467	13	2.78%	274	4.74%
Kolhapur	80	1	1.25%	8	12.50%
Nanded	121	1	0.83%	1	100.00%
Jalna	130	1	0.77%	4	25.00%
Nashik	583	1	0.17%	107	0.93%
Nagpur	976	0	0.00%	74	0.00%
Palghar	113	0	0.00%	44	0.00%
Solapur	309	0	0.00%	39	0.00%
Raigad	60	0	0.00%	26	0.00%
Yavatmal	20	0	0.00%	22	0.00%
Aurangabad	252	0	0.00%	20	0.00%
Akola	84	0	0.00%	18	0.00%
Ahmednagar	268	0	0.00%	17	0.00%

HEALTHCARE INFRASTRUCTURE | ICU BEDS AS OF 24TH APRIL (II/II)

District	# of ICU beds	Current occupancy of ICU beds	% utilization of ICU beds	# of active cases	% of active cases requiring ICU beds
Satara	362	0	0.00%	12	0.00%
Amravati	114	0	0.00%	9	0.00%
Buldhana	255	0	0.00%	9	0.00%
Hingoli	19	0	0.00%	6	0.00%
Jalgaon	251	0	0.00%	4	0.00%
Nandurbar	60	0	0.00%	3	0.00%
Parbhani	20	0	0.00%	1	0.00%
Latur	128	0	0.00%	0	
Beed	112	0	0.00%	0	
Gadchiroli	25	0	0.00%	0	
Bhandara	25	0	0.00%	0	
Sindhudurg	33	0	0.00%	0	
Sangli	433	0	0.00%	0	
Wardha	40	0	0.00%	0	
Washim	55	0	0.00%	0	
Osmanabad	101	0	0.00%	0	
Gondia	44	0	0.00%	0	
Chandrapur	91	0	0.00%	0	

HEALTHCARE INFRASTRUCTURE VENTILATORS AS OF 24TH APRIL (I/II)

District	# of ventilators	Current occupancy of ventilators	% utilization of ventilators	# of active cases	% of active cases requiring ventilators support
Total	3,023	81	2.68%	4,645	1.74%
Pune	116	25	21.55%	800	3.13%
Dhule	12	2	16.67%	23	8.70%
Thane	199	13	6.53%	274	4.74%
Ratnagiri	16	1	6.25%	2	50.00%
Mumbai	774	36	4.65%	3,122	1.15%
Nanded	39	1	2.56%	1	100.00%
Kolhapur	50	1	2.00%	8	12.50%
Jalna	55	1	1.82%	4	25.00%
Nashik	160	1	0.63%	107	0.93%
Nagpur	510	0	0.00%	74	0.00%
Palghar	42	0	0.00%	44	0.00%
Solapur	99	0	0.00%	39	0.00%
Raigad	18	0	0.00%	26	0.00%
Yavatmal	20	0	0.00%	22	0.00%
Aurangabad	97	0	0.00%	20	0.00%
Akola	41	0	0.00%	18	0.00%
Ahmednagar	48	0	0.00%	17	0.00%

HEALTHCARE INFRASTRUCTURE VENTILATORS AS OF 24TH APRIL (II/II)

District	# of ventilators	Current occupancy of ventilators	% utilization of ventilators	# of active cases	% of active cases requiring ventilators support
Satara	136	0	0.00%	12	0.00%
Amravati	50	0	0.00%	9	0.00%
Buldhana	39	0	0.00%	9	0.00%
Hingoli	4	0	0.00%	6	0.00%
Jalgaon	113	0	0.00%	4	0.00%
Nandurbar	10	0	0.00%	3	0.00%
Parbhani	25	0	0.00%	1	0.00%
Latur	44	0	0.00%	0	
Beed	18	0	0.00%	0	
Gadchiroli	35	0	0.00%	0	
Bhandara	8	0	0.00%	0	
Sindhudurg	18	0	0.00%	0	
Sangli	99	0	0.00%	0	
Wardha	36	0	0.00%	0	
Washim	19	0	0.00%	0	
Osmanabad	24	0	0.00%	0	
Gondia	18	0	0.00%	0	
Chandrapur	31	0	0.00%	0	

HEALTHCARE INFRASTRUCTURE PPES AS OF 24TH APRIL

District	Total # of PPEs	# of PPEs in medical facilities	# of PPEs in buffer stock
Total	345,682	79,333	266,349
Nashik	36,222	2,046	34,176
Palghar	30,720	1,506	29,214
Thane	25,732	7,009	18,723
Mumbai	23,749	22,069	1,680
Pune	21,032	1,388	19,644
Sangli	20,609	1,832	18,777
Osmanabad	18,766	2,134	16,632
Gadchiroli	15,711	297	15,414
Latur	15,308	1,004	14,304
Hingoli	13,815	834	12,981
Jalna	12,349	610	11,739
Aurangabad	11,052	6,273	4,779
Nagpur	9,246	6,024	3,222
Kolhapur	9,173	1,898	7,275
Ahmednagar	8,819	2,729	6,090
Nanded	7,959	1,254	6,705
Satara	7,260	1,575	5,685

District	Total # of PPEs	# of PPEs in medical facilities	# of PPEs in buffer stock
	6,776	605	6,171
Solapur	6,224	533	5,691
Ratnagiri	6,184	2,095	4,089
Raigad	6,132	3,957	2,175
Amravati	6,000	540	5,460
Buldhana	4,117	412	3,705
Dhule	3,425	665	2,760
Beed	3,357	2,607	750
Sindhudurg	3,120	375	2,745
Wardha	2,113	1,693	420
Akola	1,983	1,473	510
Chandrapur	1,847	947	900
Jalgaon	1,595	695	900
Yavatmal	1,320	195	1,125
Washim	1,160	626	534
Parbhani	1,005	705	300
Bhandara	996	516	480
Gondia	806	212	594

HEALTHCARE INFRASTRUCTURE N95 masks AS OF 24TH APRIL

District	Total # of N95 masks	# of N95 masks in medical facilities	# of N95 masks in buffer stock
Total	1,600,972	283,783	1,317,189
Kolhapur	220,559	3,452	217,107
Palghar	218,058	30,312	187,746
Sangli	135,478	2,671	132,807
Thane	107,033	17,990	89,043
Gadchiroli	102,504	1,620	100,884
Nashik	102,379	3,475	98,904
Latur	79,845	5,460	74,385
Osmanabad	77,118	8,196	68,922
Jalna	74,476	39,190	35,286
Mumbai	73,692	68,442	5,250
Pune	52,249	2,104	50,145
Nagpur	32,297	14,387	17,910
Satara	28,584	17,484	11,100
Solapur	25,425	1,035	24,390
Aurangabad	25,252	12,772	12,480
Nanded	25,238	5,504	19,734
Jalgaon	23,643	2,754	20,889

District	Total # of N95 masks	# of N95 masks in medical facilities	# of N95 masks in buffer stock
Buldhana	23,375	1,217	22,158
Nandurbar	18,542	725	17,817
Chandrapur	17,817	2,817	15,000
Ratnagiri	15,749	4,964	10,785
Dhule	15,668	2,633	13,035
Raigad	15,554	5,894	9,660
Akola	13,817	10,757	3,060
Amravati	12,745	1,195	11,550
Gondia	11,268	804	10,464
Sindhudurg	10,821	570	10,251
Bhandara	6,782	842	5,940
Hingoli	6,745	1,630	5,115
Yavatmal	6,671	371	6,300
Ahmednagar	6,057	2,853	3,204
Parbhani	4,959	1,959	3,000
Beed	3,675	2,625	1,050
Wardha	3,590	2,990	600
Washim	3,307	2,089	1,218

HEALTHCARE INFRASTRUCTURE | QUARANTINE FACILITIES AS OF 24TH APRIL (I/III)

District	# of people in quarantine facilities	# of confirmed cases	Ratio of people in quarantine facilities to confirmed cases	# of beds at Quarantine facilities	% Utilization
Total	8096	7603	1.06	18853	43%
Jalna	276	2	138.00	809	34.12%
Sindhudurg	101	1	101.00	181	55.80%
Osmanabad	286	3	95.33	604	47.35%
Parbhani	95	1	95.00	384	24.74%
Beed	95	1	95.00	400	23.75%
Kolhapur	750	10	75.00	1697	44.20%
Hingoli	436	8	54.50	610	71.48%
Ratnagiri	434	8	54.25	1090	39.82%
Nandurbar	440	11	40.00	564	78.01%
Nanded	38	1	38.00	250	15.20%
Chandrapur	71	2	35.50	868	8.18%

HEALTHCARE INFRASTRUCTURE | QUARANTINE FACILITIES AS OF 24TH APRIL (II/III)

District	# of people in quarantine facilities	# of confirmed cases	Ratio of people in quarantine facilities to confirmed cases	# of beds at Quarantine facilities	% Utilization
Satara	367	29	12.66	1010	36.34%
Ahmednagar	431	35	12.31	1137	37.91%
Solapur	527	46	11.46	1478	35.66%
Gondia	10	1	10.00	100	10.00%
Nashik	701	131	5.35	862	81.32%
Nagpur	568	107	5.31	1156	49.13%
Akola	112	23	4.87	125	89.60%
Latur	31	9	3.44	325	9.54%
Yavatmal	75	28	2.68	200	37.50%
Thane	1293	717	1.80	2909	44.45%
Raigad	87	56	1.55	315	27.62%
Aurangabad	38	50	0.76	73	52.05%

HEALTHCARE INFRASTRUCTURE | QUARANTINE FACILITIES AS OF 24TH APRIL (III/III)

District	# of people in quarantine facilities	# of confirmed cases	Ratio of people in quarantine facilities to confirmed cases	# of beds at Quarantine facilities	% Utilization
Pune	385	1030	0.37	733	52.52%
Amravati	5	19	0.26	70	7.14%
Palghar	33	139	0.24	220	15.00%
Mumbai	374	5049	0.07	523	71.51%
Sangli	1	26	0.04	100	1.00%
Jalgaon	0	13	0.00	0	0.00%
Buldhana	0	21	0.00	0	0.00%
Washim	0	1	0.00	0	0.00%
Dhule	0	25	0.00	0	0.00%
Bhandara	36	0		60	60.00%
Wardha	0	0		0	0.00%
Gadchiroli	0	0		0	0.00%

TESTING: GOVERNMENT TESTING LABS (I/II)

AS OF 24TH APRIL

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Testing lab	Test Capacity		# Daily tests completed/ day	# Tests completed	Growth in tests (%)	% Utilization	% Daily Hit Rate	% awaited	Stock of testing kits in # Days	Avg. Wait time
Total	/ day 2860	52069	2324	prev. day 2207	5%	81%	6.88%	0.68%	9403	for test results
GMC Aurangabad	90	4470	532	253	110%	591%	0.38%	0.00%	1418	
Haffkine, Mumbai	100	3165	366	1	36500%	366%	0.00%	0.41%	NR	
GMC Dhule	90	2174	278	36	672%	309%	3.96%	0.00%	3	
GMC Miraj	50	2032	136	140	-3%	272%	0.00%	0.00%	NR	
JJ, Mumbai	100	3201	215	193	11%	215%	14.88%	0.00%	NR	
IGMC Nagpur	60	3048	108	122	-11%	180%	2.78%	0.00%	NR	
VMGMC, Solapur	50	1361	69	85	-19 %	138%	8.70%	0.73%	1586	
AFMC, Pune	100	1900	107	11	873%	107%	1.87%	0.00%	NR	
NIV, Mumbai unit	250	2207	159	86	85%	64%	5.66%	0.00%	NR	
GMC Akola	90	668	47	82	-43%	52%	0.00%	0.00%	NR	
AIIMS Nagpur	100	1898	50	51	-2%	50%	28.00%	5.15%	1000	
BJMC, Pune	200	2429	99	125	-21%	50%	3.03%	0.00%	942	
Veterinary college Nagpur	30	63	13	5	160%	43%	0.00%	0.00%	1166	
KEM, Mumbai	80	4345	33	198	-83%	41%	100.00%	0.00%	NR	
Marathwada University, Nanded	200	59	59		-	30%	0.00%	0.00%	NR	
NIRRH, Mumbai	100	172	8	0	-	8%	0.00%	33.85%	3000	
NIV Pune	500	10854	32	572	-94%	6%	100.00%	0.00%	NR	
Kasturba Hospital Mumbai	300	7494	12	152	-92%	4%	100.00%	0.96%	NR	
Tata Memorial Centre ACTREC, Mumbai	180	90	1	11	-91%	1%	100.00%	0.00%	10	
NCCS, Pune	40	0	0	0	-	0%			NF	
Rajiv Gandhi Med. Coll. Kalwa	50	439	0	84	-100%	0%		13.24%	278	
GMC, Nagpur	50	0	0		-	0%			NF	
IRL, Nagpur	50	0	0		-	0%			NF	

TESTING: PRIVATE TESTING LABS (II/II) AS OF 24TH APRIL

Testing	Test Capacity		# Daily tests	# Tests completed	Growth in	% Utilization	% Daily Hit	%	Stock of testing	Avg. Wait tim
lab	/ day	completed	completed/ day	prev. day	tests (%)	// Ottization	Rate	awaited	kits in # Days	for test result
Total	4025	55910	3737	2906	29%	93%	6.26%	0.16%	11781	
SRL Limited, Goregaon	250	6767	569	524	9%	228%	0.18%	0.00%	6020	
SRL Diagnostics, Mahim W	100	706	202	166	22%	202%	13.37%	0.00%	1044	
InfeXn, Thane	250	7302	500	289	73%	200%	3.20%	0.00%	2500	
Thyrocare, Turbhe	500	11216	884	272	225%	177%	18.67%	0.00%	NR	
Suburban Diagnostics, Andheri W	700	11765	899	738	22%	128%	0.44%	0.00%	NR	
Metropolis Healthcare, Pune	30	443	36	385	-91%	120%	0.00%	9.78%	100	
Sahyadri, Pune	40	439	44	1	4300%	110%	11.36%	0.45%	NR	
AG Diagnostics, Pune	60	732	50	26	92%	83%	0.00%	0.00%	NR	
Kokilaben, Mumbai	50	810	39	32	22%	78%	0.00%	0.00%	NR	
HN Reliance foundation, Navi Mumbai	500	4429	365	239	53%	73%	3.56%	0.00%	12	
Tata Memorial, Mumbai	50	224	8	28	-71%	16%	0.00%	12.50%	1955	
Metropolis Healthcare, Mumbai	1050	10106	141	206	-32%	13%	2.13%	0.00%	NR	
iGenetic Diagnostics, Andheri E	300	744	0	0	-	0%		0.00%	NR	
Dr. Jariwala Diagnostics, Borivli W	10	0	0	0	-	0%			NF	
Ruby Hall, Pune	60	146	0	0	-	0%		0.00%	NR	
Qualilife Diagnostics, Mulund W	20	19	0	0	-	0%		0.00%	NR	
Sunflower Labs, Malad W	40	0	0	0	-	0%			NF	
Hinduja Hospital, Mumbai	0	0	0	0	-				NF	
Aditya Birla Hosp.pune	15	0	0	0	-	0%			NF	
Vaidya Lab, Thane	0	62	0		-			11.43%	150	

