

BMC Covid-19 Response War Room Dashboard

Aug 26, 2020



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Mumbai COVID19 status at a glance

As of Aug 25, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 01:00 PM, Aug 26, 2020)		Contact Tracing	Past 24hrs	Cumulative	Others	
Total Positive	1,37,678*	Bed Capacity	17,326	Total Traced	6,181	22,30,783	Senior Citizens Screened till date	8,81,057
Discharged	1,11,967	Occupied	8,105	High Risk	2,627	8,05,695	Senior Citizens with SPO2 > 95	8,77,957
Deaths	7,474	Available	9,221	Low Risk	3,554	14,25,088	Senior Citizens with SPO2 < 95	3,100
(Deaths with Age > 50yrs – 6,218)		DCH & DCHC Bed Capacity	13,480	Total Quarantine Completed		20,61,524	Active Containment Zones – Slums & Chawls	575
Total Active	17,931	Occupied	7,155	Currently in Home Quarantine		1,66,323	Released Containment Zones – Slums & Chawls	922
Stable – Asymptomatic	10,998	Available	6,325	Currently in Institutional Quarantine (CCC1)		2,936	Active Sealed Buildings	5,666
Stable - Symptomatic	5,767	CCC2 Facility (Activated Capacity)	3,846	Total CCC1 Facilities		332	Released Sealed Buildings	20,422
Critical	1,166	Occupied	950	Total Capacity(Beds)		48,588	Calls Centre Calls Flow	2,43,598
Tests Done (till date)	7,25,519	Available	2,896	Current Occupancy		2,936		
% of Positive (till date)	18.97	ICU Bed Capacity	1,435	Cumulative Occupancy		1,46,789		
		Occupied	1,195	Total CCC2 Facilities		173		
		Available	240	Total Capacity (Beds)		23,437		
		O2 Bed Capacity	8,905	Active Facilities		63		
		Occupied	4,438	Active Capacity(Beds)		3,846		
		Available	4,467	Current Occupancy		950		
		Ventilator Bed Capacity	913	Cumulative Occupancy		34,239		
		Occupied	776					
		Available	137					

Ward wise positive cases

Wards	RC	RN	RS	PS	A	HW	C	D	E	KW	MW	T	FN	FS	PN	HE	GN	B	KE	ME	S	L	N	GS	Overall Mumbai
Positive Cases	7507	3594	6654	4614	3393	3834	1939	5788	5440	7673	4068	5926	5313	6355	8209	4670	7976	1206	8420	4723	7408	5863	6979	5893	
Days to double	50	61	63	69	71	73	75	78	88	88	92	96	100	104	107	114	120	125	128	129	131	134	135	136	93

1 Ward-wise break up is as on Aug 25, 2020, available for 1,33,445 cases

*Due to technical issue on ICMR website, complete case data is not available today, it will be updated tomorrow

Data subject to change after scrutiny and ongoing verification process

2



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

Bed Capacity

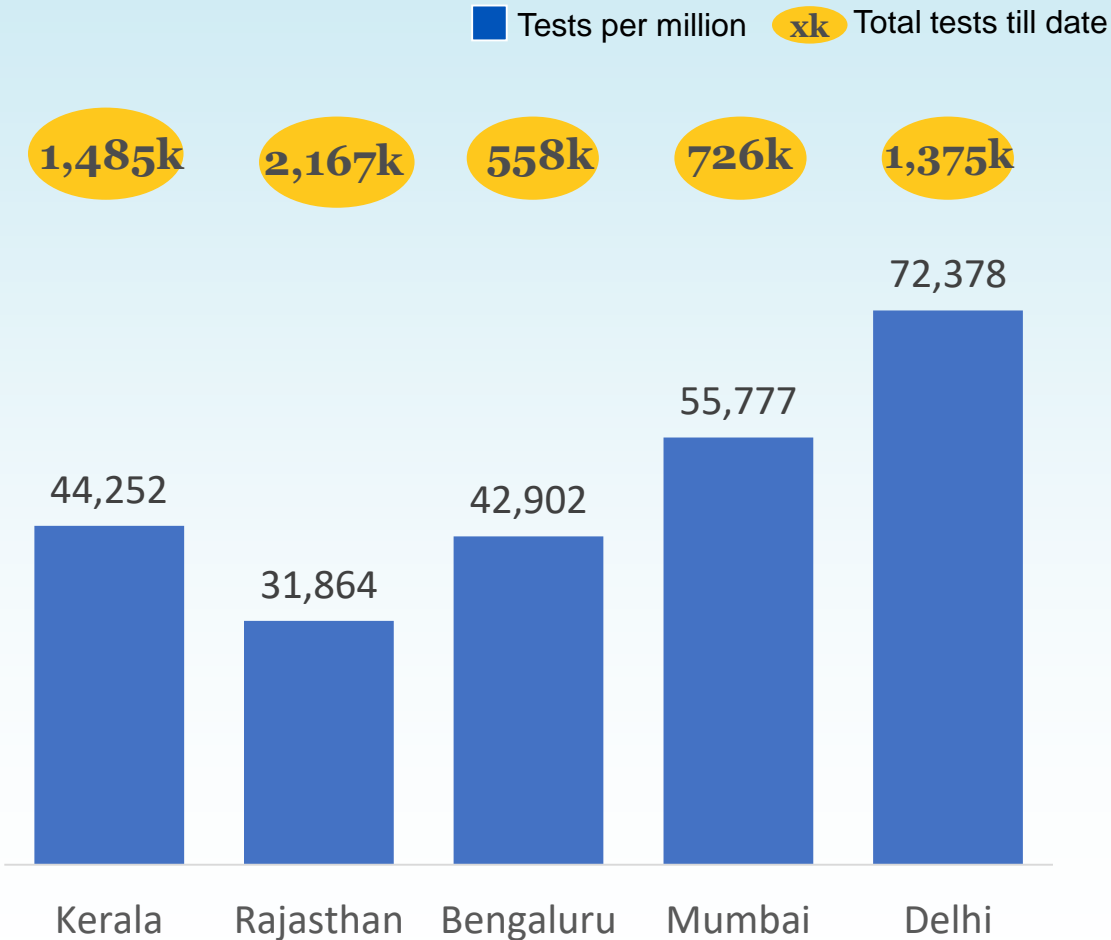
Other initiatives



Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Aug 25, 2020

Tests per million



Source: Government COVID bulletins as of Aug 25 2020

* Data as of Aug 21 2020

Mumbai is one of the leading cities in tests per million compared to other cities

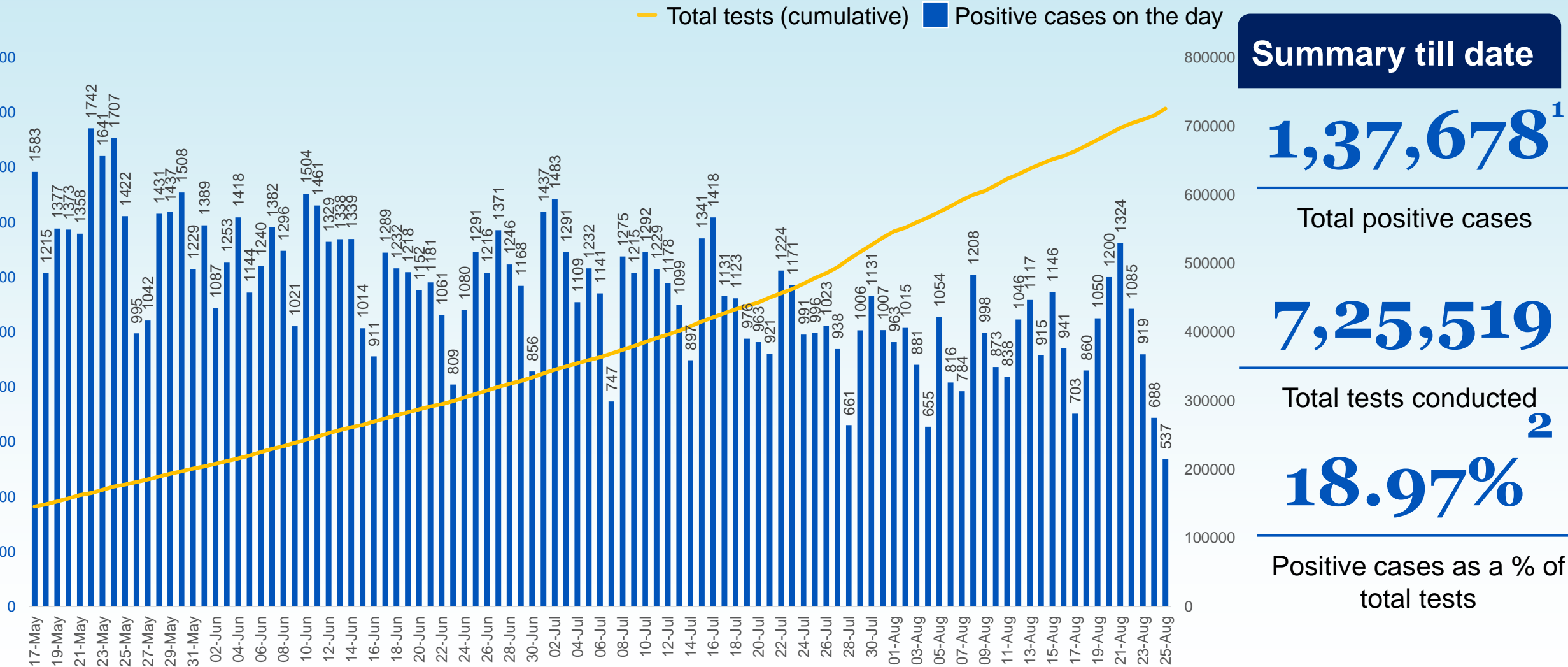
State	Cases	Tests	Tests per million
Bengaluru*	1,09,793	5,57,727	42,902
Mumbai	1,37,678	7,25,519	55,777
Delhi*	1,57,354	13,75,182	72,378
West Bengal	1,44,801	16,34,102	18,111
Gujarat	88,805	18,90,496	30,492
Kerala	61,879	14,84,907	44,252
Maharashtra	7,03,823	37,98,306	30,741
Rajasthan	73,935	21,66,744	31,864
Tamil Nadu	3,91,303	43,46,861	1,30,193

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Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Aug 25, 2020



1 Total Positive cases as on Aug 25, Total cases as of Aug 25 as per line list is 1,33,445

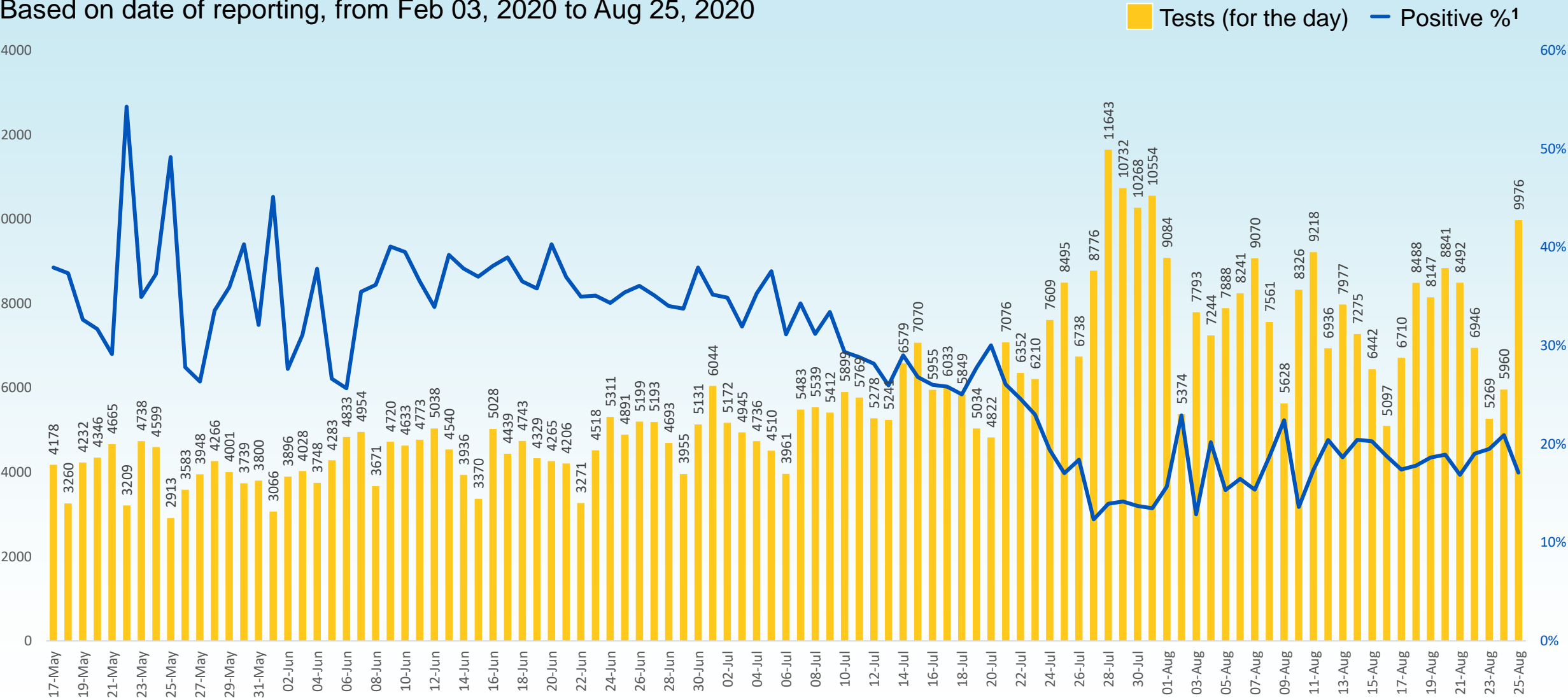
2 Total Positive cases (as per press release) as a % of total tests conducted

Source: Covid-19 daily update by the Public Health Department, BMC

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Trend of positive cases vis-à-vis total tests

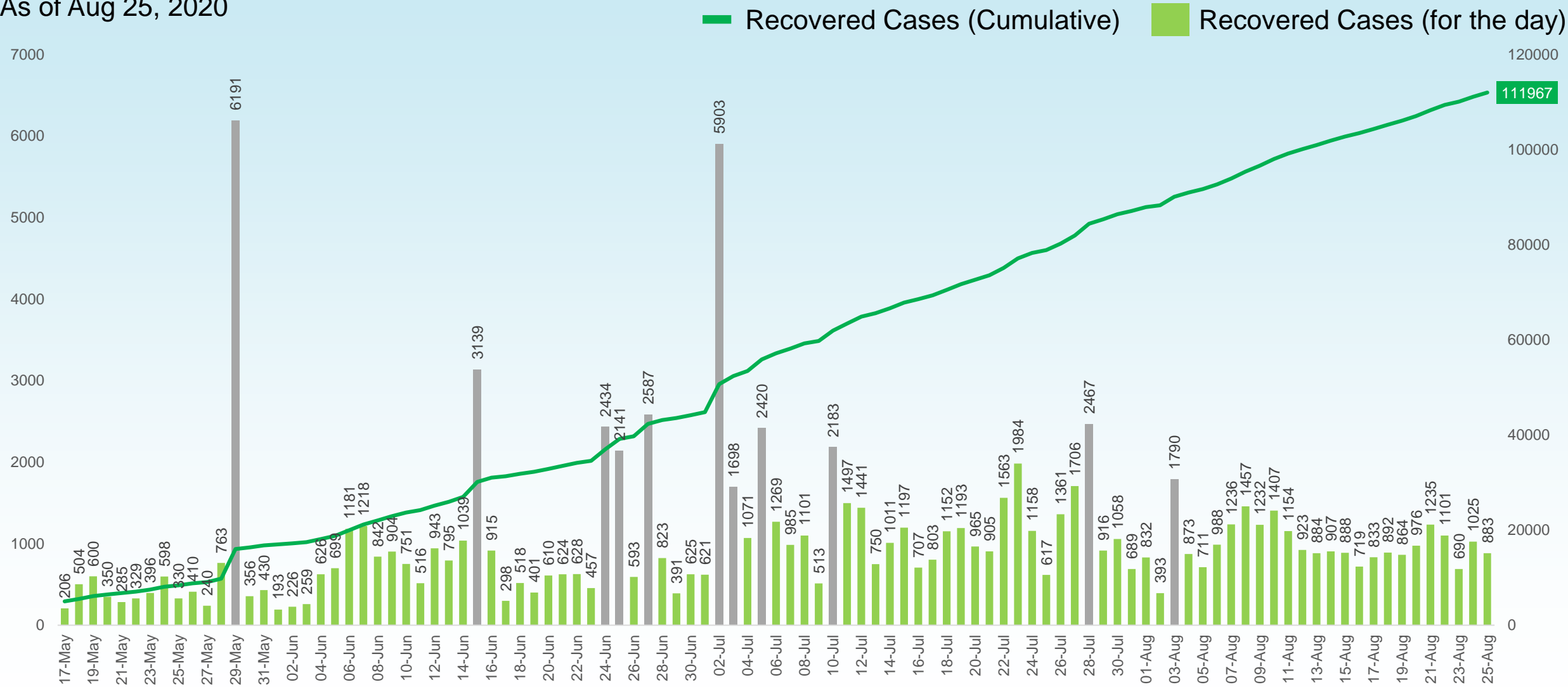
Based on date of reporting, from Feb 03, 2020 to Aug 25, 2020



¹Positive samples for the day as a % of total tests for the day;
 Positive Samples include duplicates with ICMR (~11%) and Out of Mumbai Cases (4%)
 Source: Covid-19 daily update by the Public Health Department, BMC

Trend of Recovered Cases

As of Aug 25, 2020



¹Spikes refer to reconciliation and updation for previous days

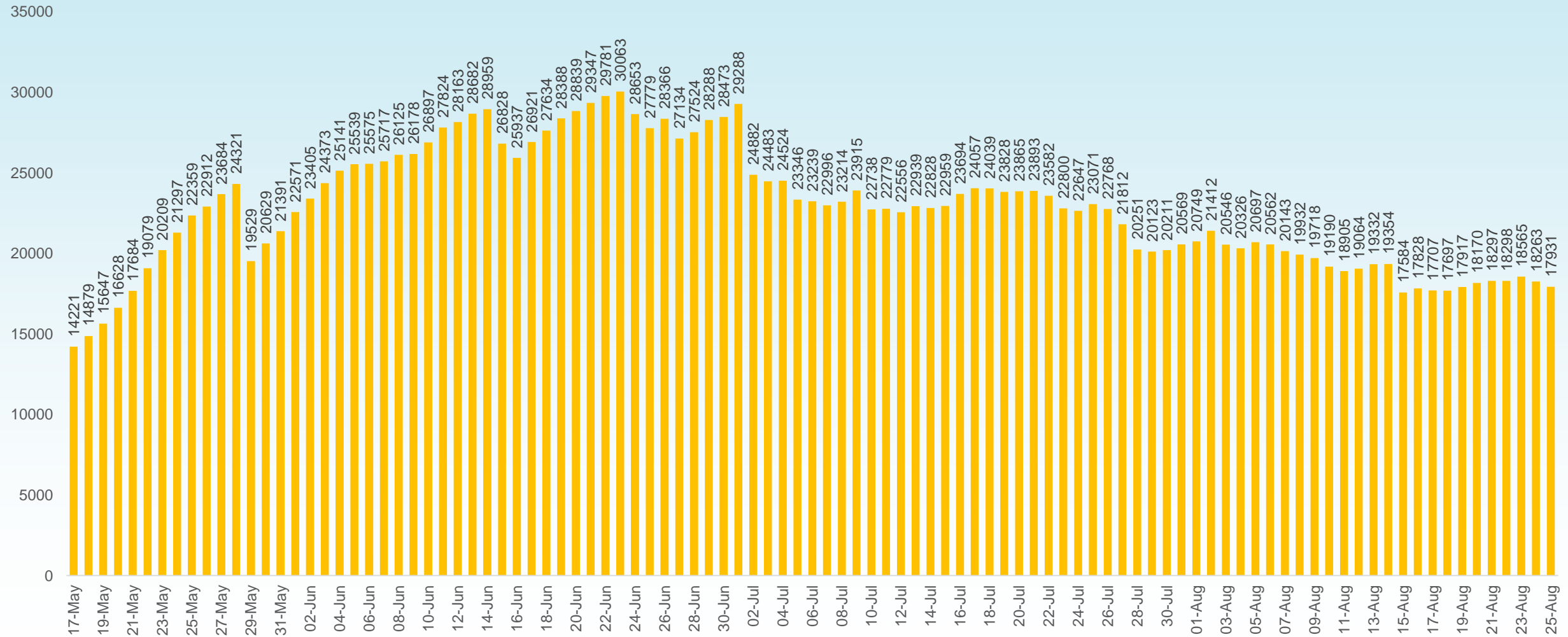
Source: Press Release - Covid-19 daily update by the Public Health Department, BMC

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Trend of Active Cases

As of Aug 25, 2020

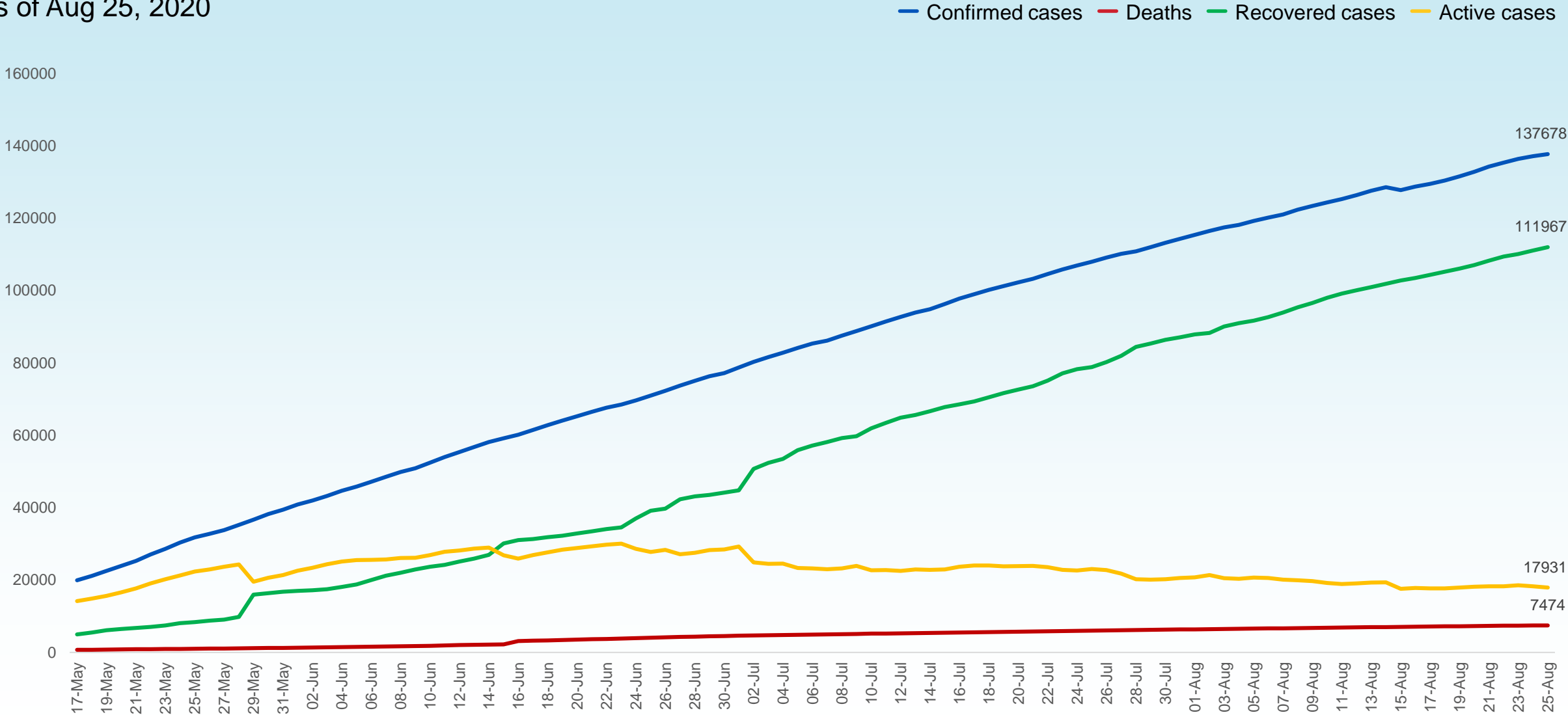
Active Cases (Cumulative)





Case summary for Mumbai

As of Aug 25, 2020





Key Trends

Contact tracing and home quarantine

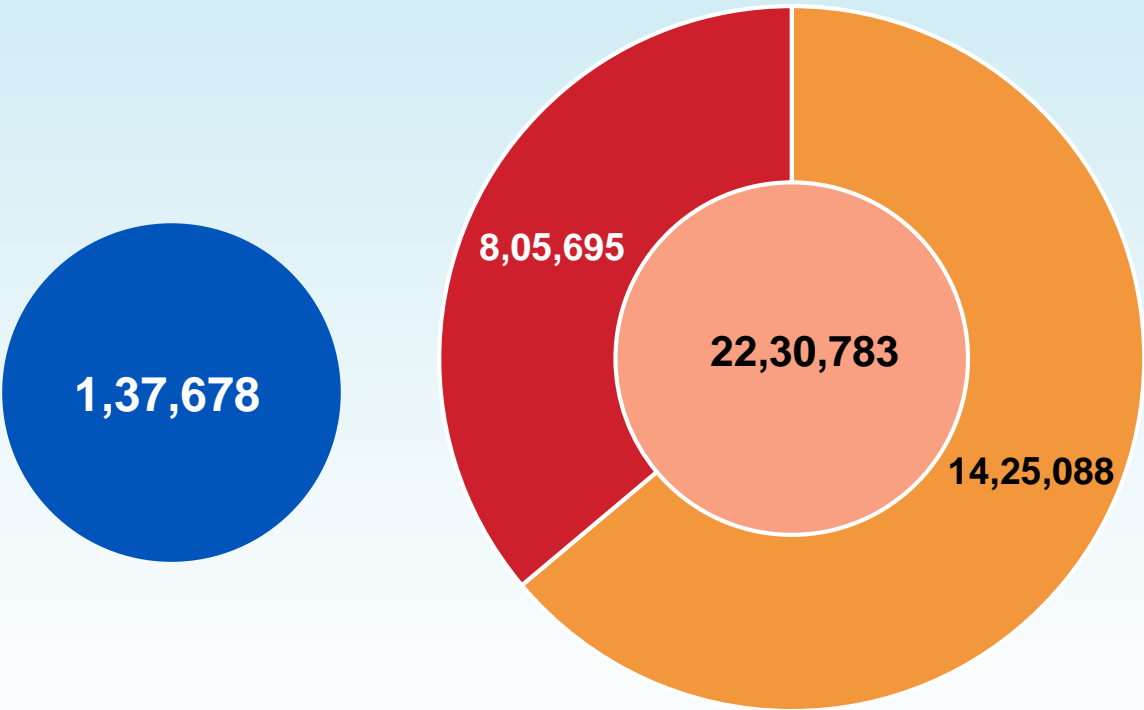
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Update on contact tracing

Summary as of Aug 25, 2020



■ Positive patients **Positive patients**
■ Total contacts traced
■ High risk ■ Low risk

20,61,524

Completed quarantine

1,66,323

In home quarantine,

2,936

Currently at institutional quarantine facilities

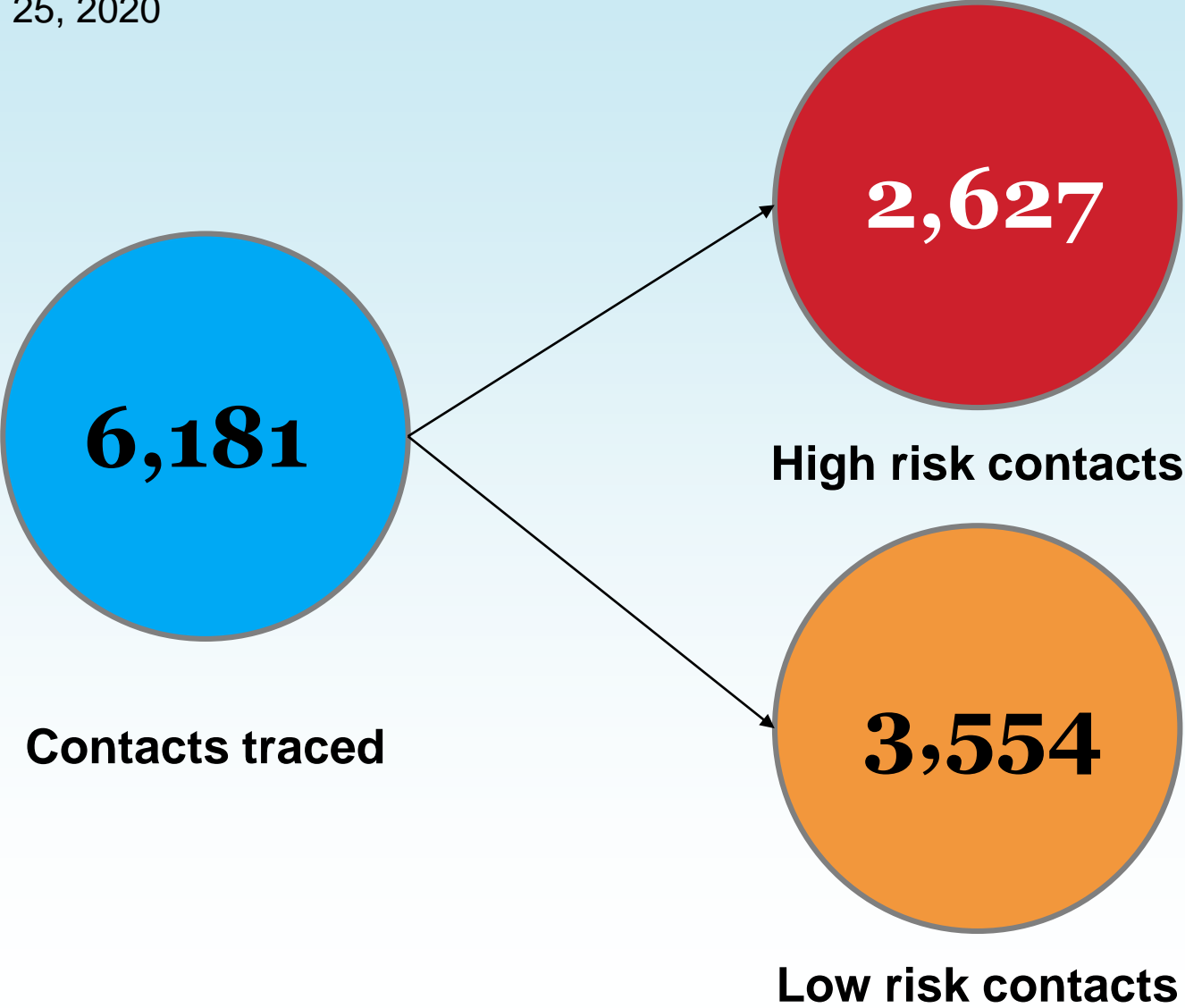
1,46,789

Shifted to institutional quarantine facilities till date

Due to technical issue on ICMR website, complete case data is not available today, it will be updated tomorrow

Contact tracing report for last 24 hours

Summary as of Aug 25, 2020



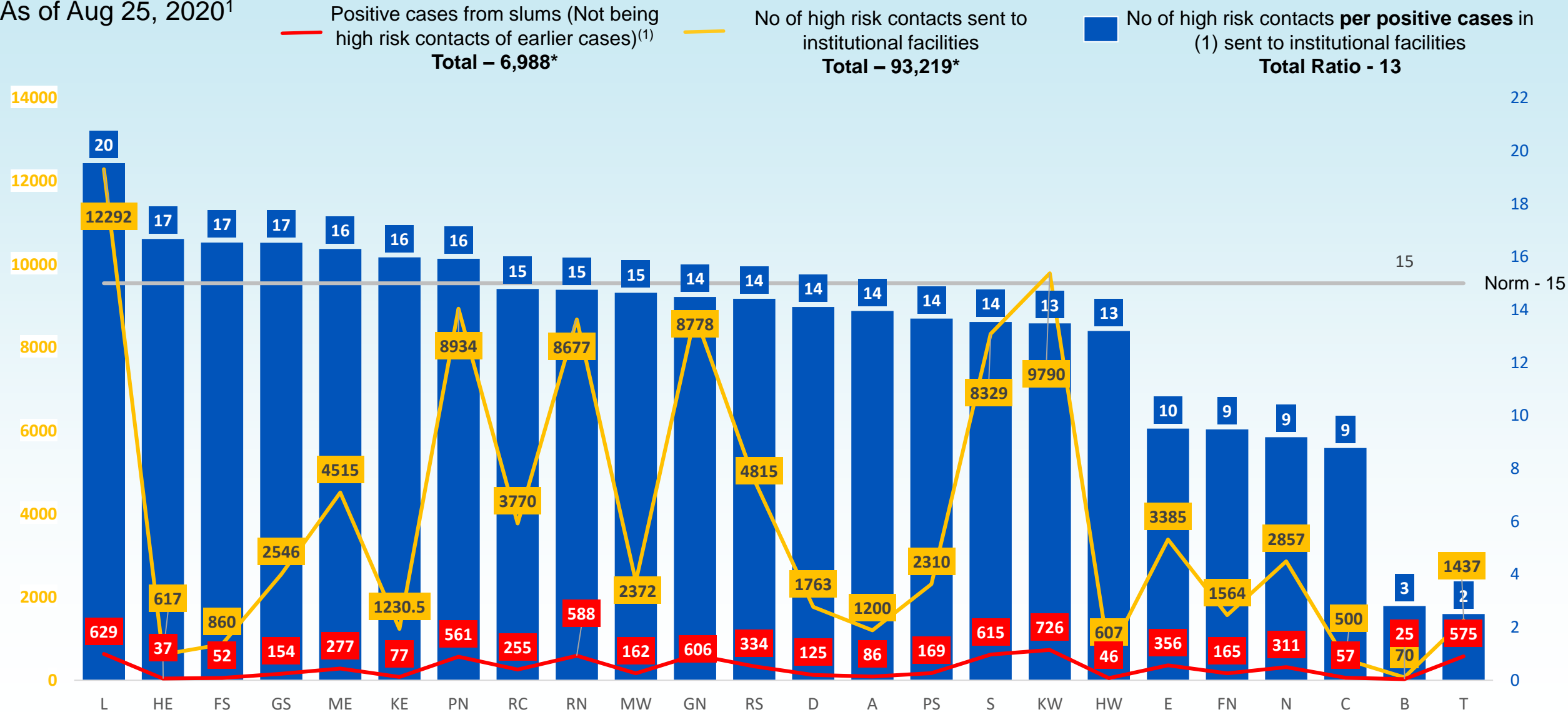
Source: Quarantine numbers from BMC Contact Tracing Report as on Aug 25 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



Chase the virus: High Risk Contacts for Index Cases in Slums

As of Aug 25, 2020¹

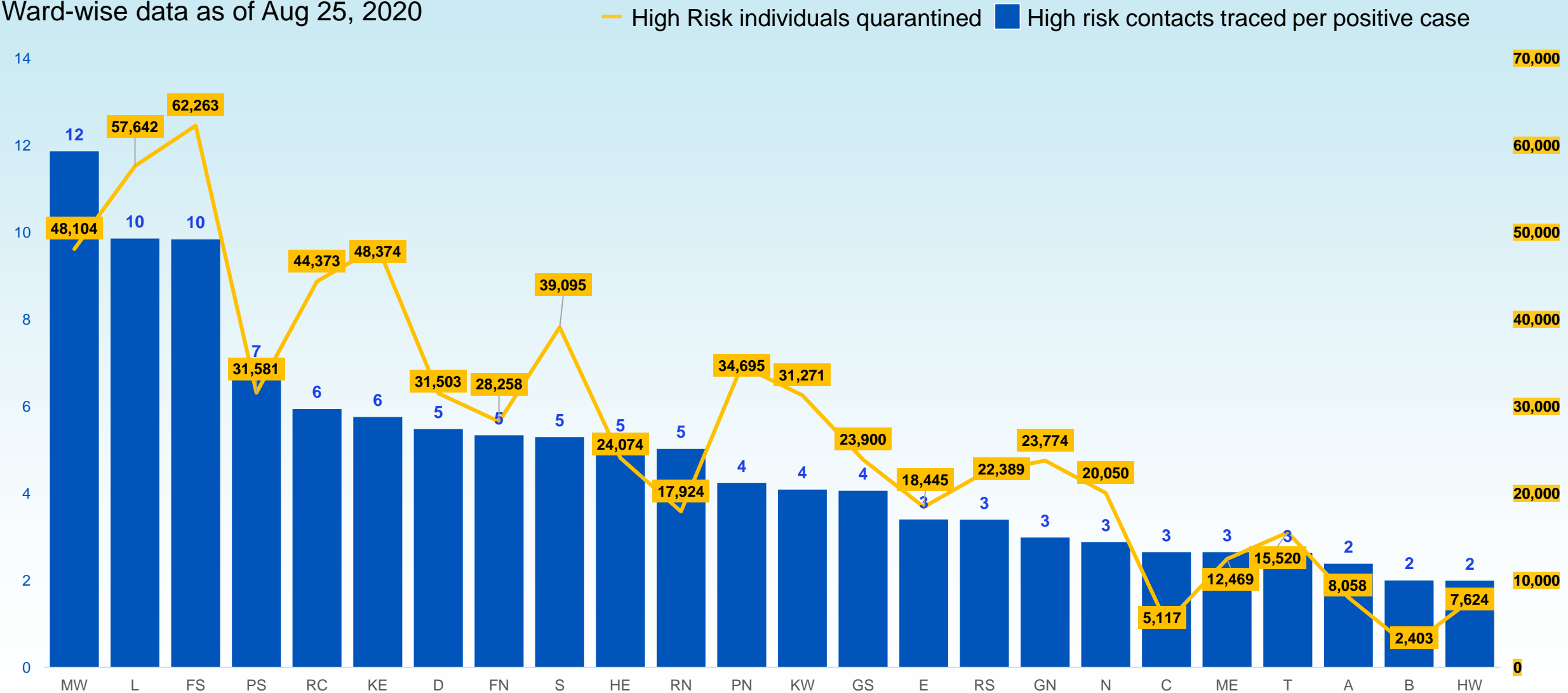


* Data for Ward RC is updated as of Aug 24
1 Data since June 03, 2020; Source – Operation – Chase the virus

Ward-wise bifurcation of high-risk individuals quarantined (Home and Institutional)

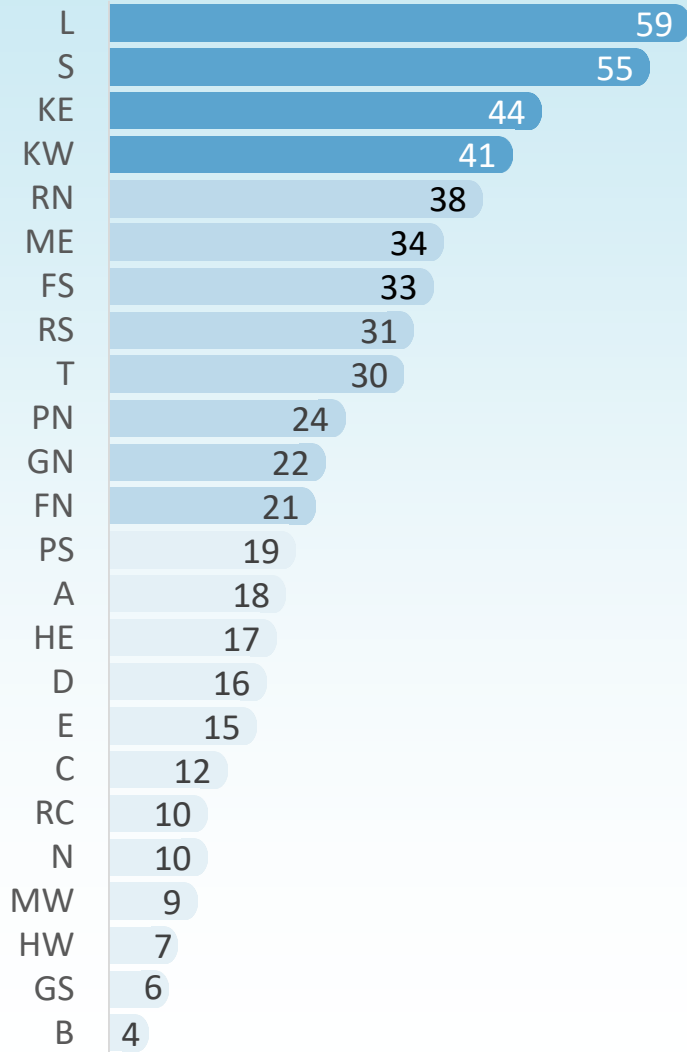
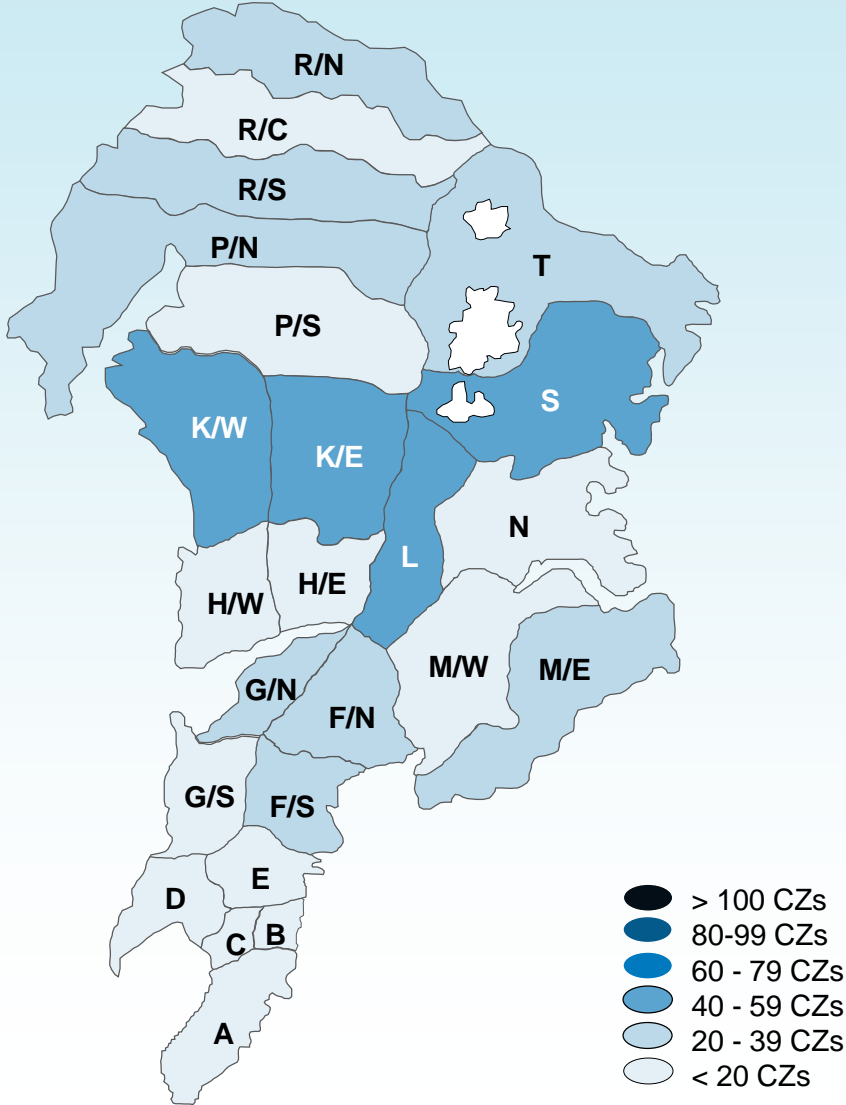


Ward-wise data as of Aug 25, 2020



Ward-wise containment zones – slums and chawls

As of Aug 25, 2020



575
Active

Containment Zones

8.6
lacs

No. of Households

37.6
lacs

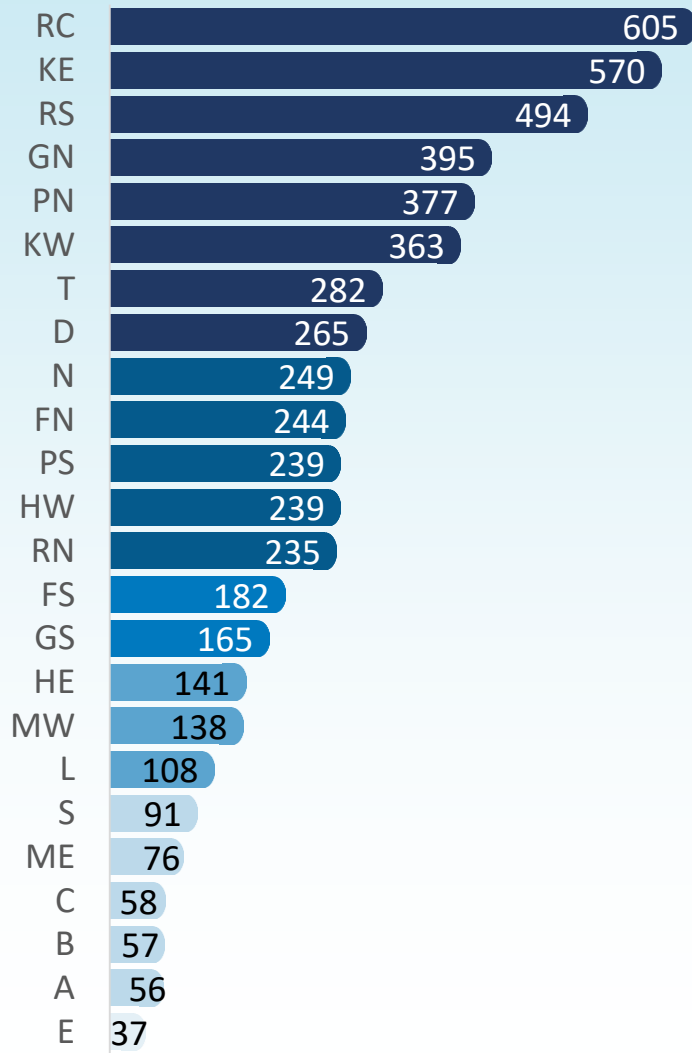
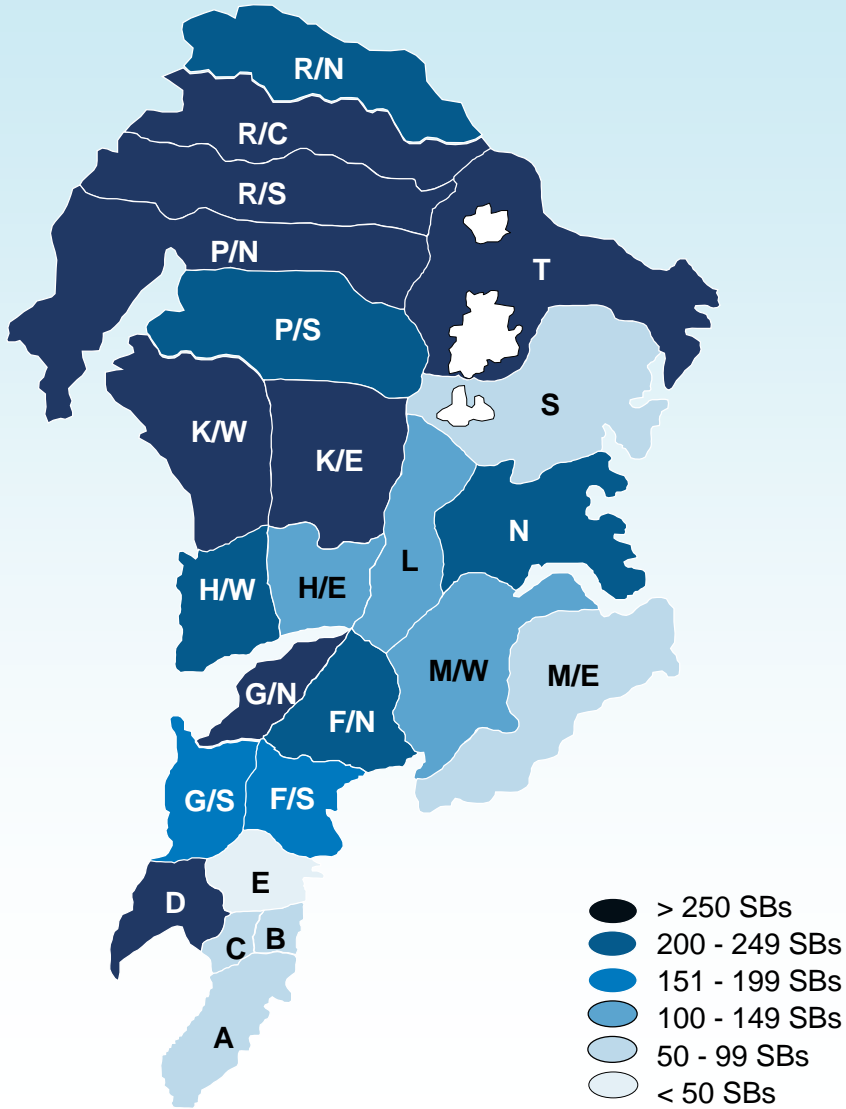
Population

922
Released

Containment Zones

Ward-wise sealed buildings

As of Aug 25, 2020



5,666
Active

Sealed Buildings

2.2
lacs

No. of Households

8.2
lacs

Population

20,422
Released

Sealed Buildings



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

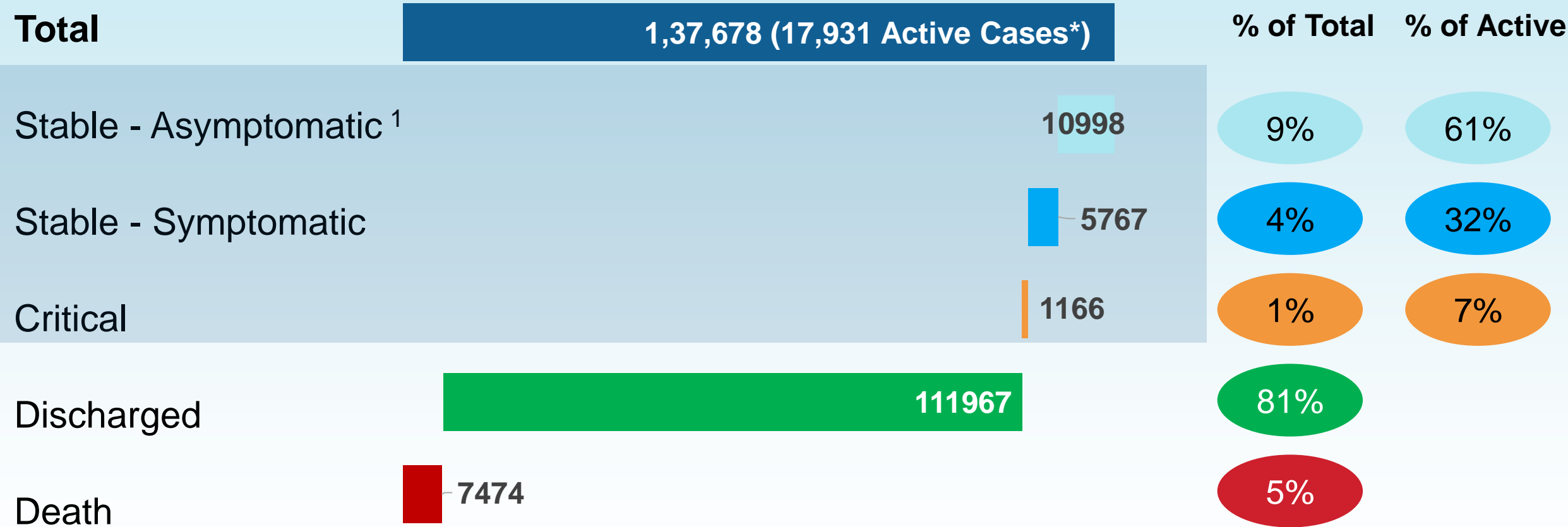
Bed Capacity

Other initiatives



Case summary for Mumbai

As of Aug 25, 2020



**Deaths due to other reasons have also been deducted from the Total Active Cases*

1 As per NCDC ICMR Report, Hospitalized status report (after deducting critical patients) has been considered as Symptomatic; Home Isolation and CCC2 has been considered as Asymptomatic; Difference between the total cases and the above classifications (5,171 cases) has been added to "Stable – Asymptomatic" cases

Source: Covid-19 daily update by the DEHO, EPID Cell for total cases, discharges, deaths; "At a glance isolation facility report" for critical

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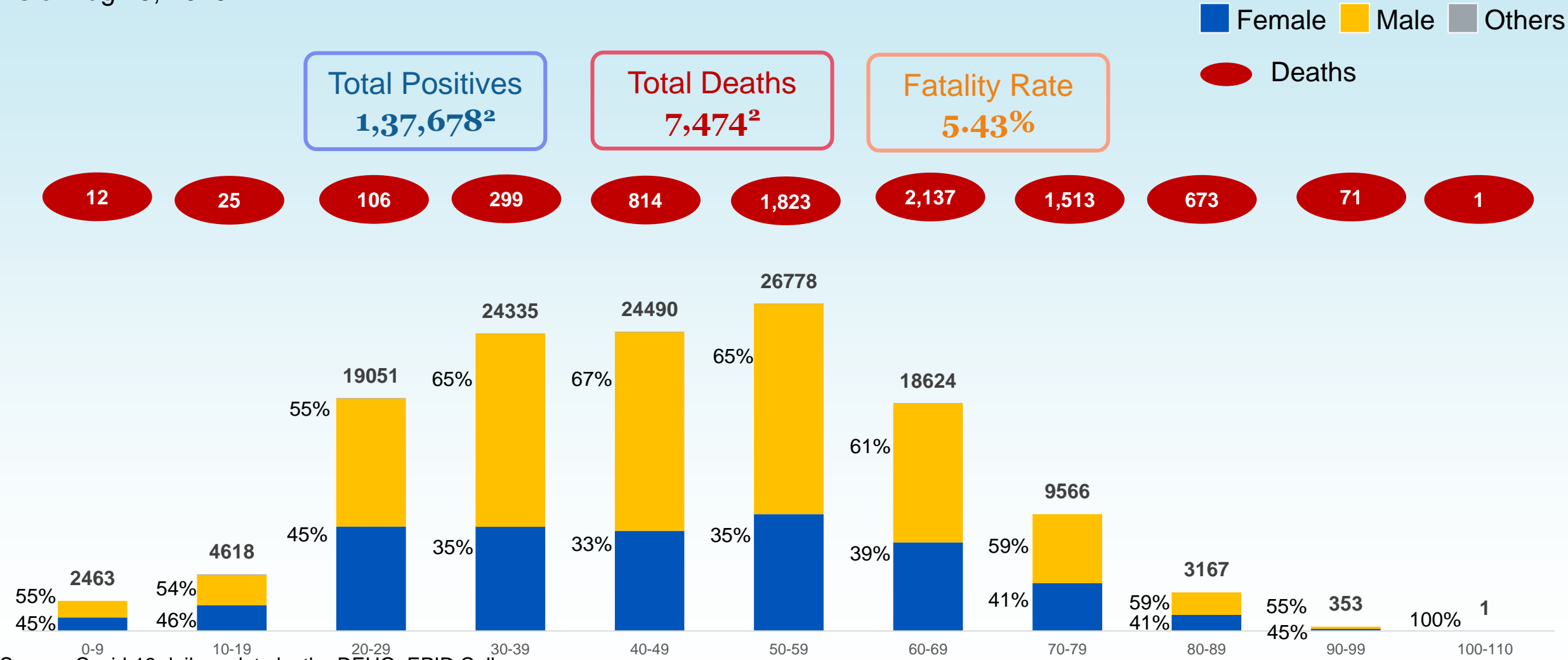
Data subject to change after scrutiny and ongoing verification process

18



Age and sex-wise profile of COVID-19 positive patients

As of Aug 25, 2020¹



Source: Covid-19 daily update by the DEHO, EPID Cell

1 Total Age and sex-wise break up is available 1,33,446 cases; age-wise breakup of deaths available for 7,474 cases

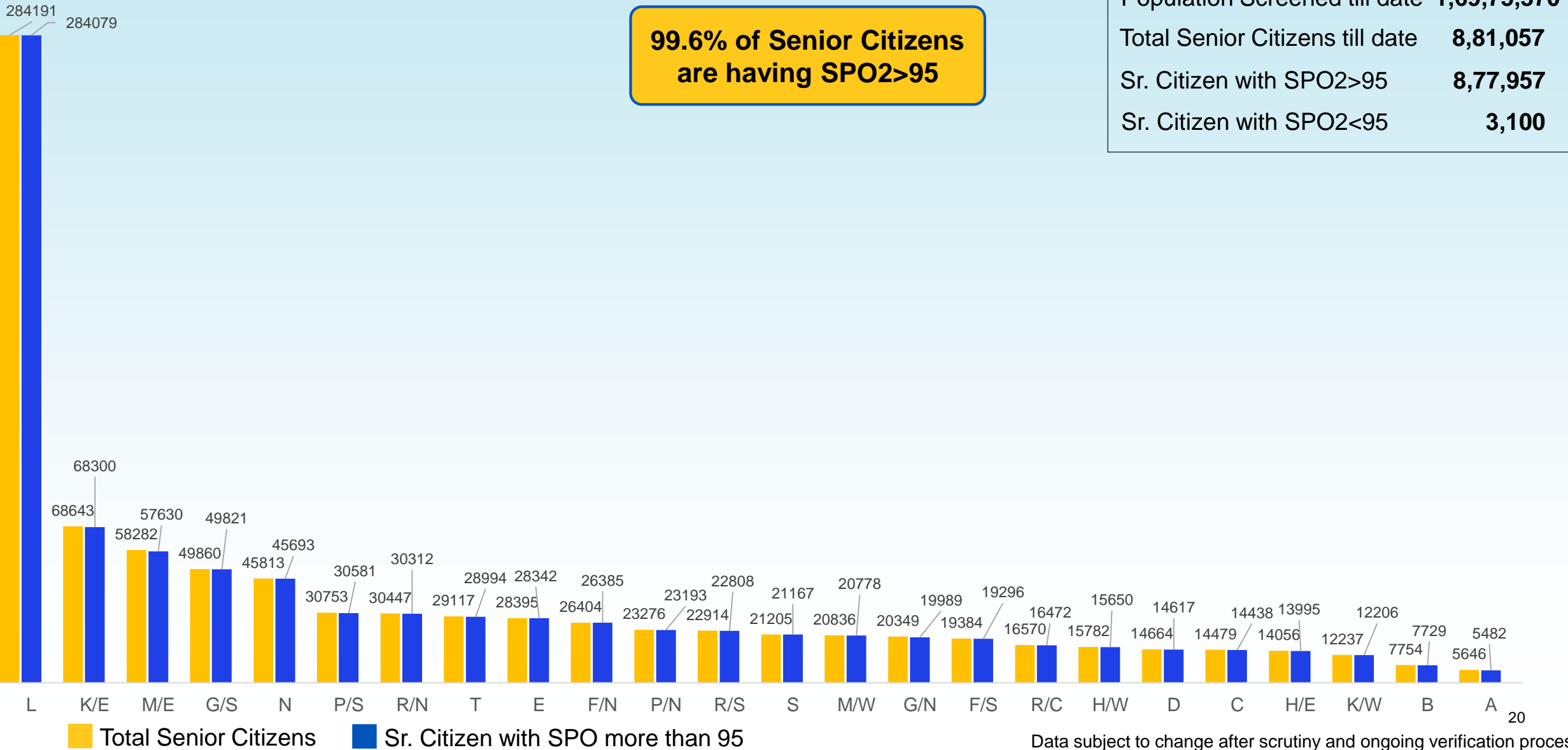
2 As on Aug 25

Due to technical issue on ICMR website, complete case data is not available today, it will be updated tomorrow



Proactive screening of elderly to protect them and contain mortality

Ward-wise data(progressive) till Aug 25, 2020



Proactive screening of elderly to protect them and contain mortality

Ward-wise data for Aug 25, 2020

Wards	Total No. of Houses Surveyed	Population Covered	Total No. of Senior Citizens	Sr Citizen SPO2>95	* Sr Citizen SPO2<95
Total (Daily)	43,345	158,204	6,782	6,779	3
A	478	1,948	13	12	1
G/N	3,061	10,490	188	187	1
R/S	4,634	16,829	198	197	1
B	498	1,944	42	42	0
C	795	3,106	55	55	0
D	414	1,758	143	143	0
E	1,187	3,896	120	120	0
F/S	1,185	3,159	138	138	0
F/N	635	2,498	224	224	0
G/S	3,051	11,680	353	353	0
H/E	382	1,693	65	65	0
H/W	515	1,837	146	146	0
K/E	2,847	10,365	586	586	0
K/W	466	1,887	52	52	0
P/S	1,177	4,760	184	184	0
P/N	2,339	8,563	187	187	0
R/C	440	1,536	36	36	0
R/N	7,604	22,999	288	288	0
L	4,329	19,317	1,735	1,735	0
M/E	777	2,892	319	319	0
M/W	1,155	3,436	171	171	0
N	2,887	12,498	1,020	1,020	0
S	1,809	7,238	191	191	0
T	680	1,875	328	328	0

Summary till date

1,69,75,370

Total Population covered till date

8,81,057

Senior Citizens covered till date

8,77,957

Senior Citizens with SPO2>95 till date

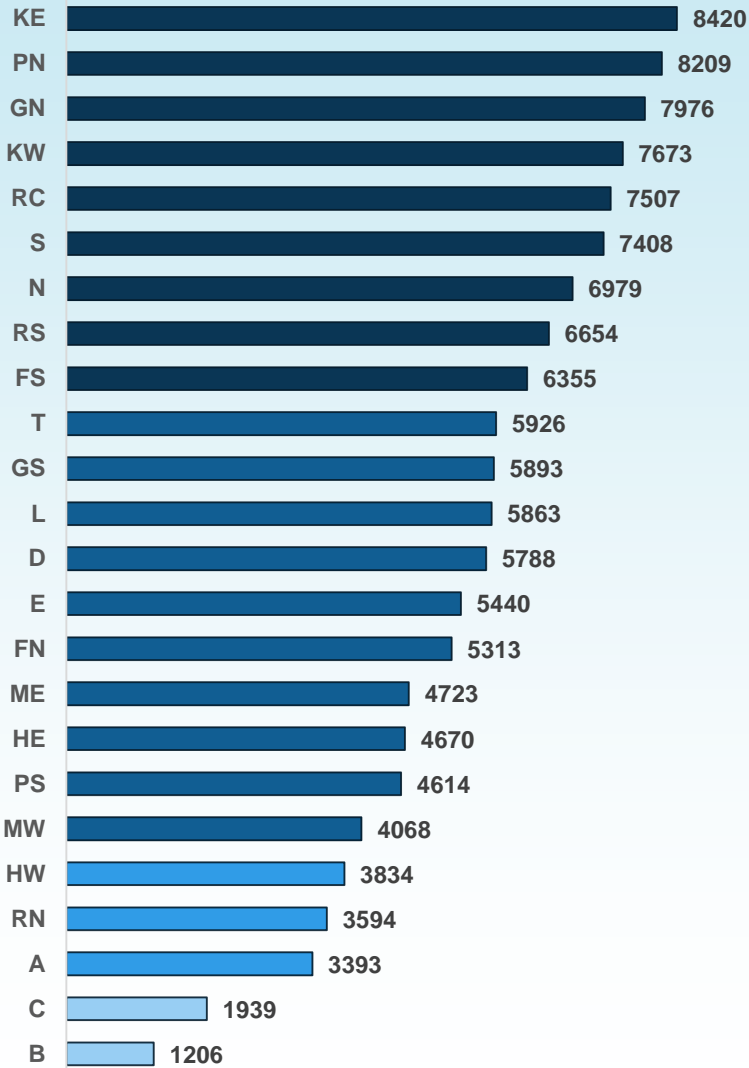
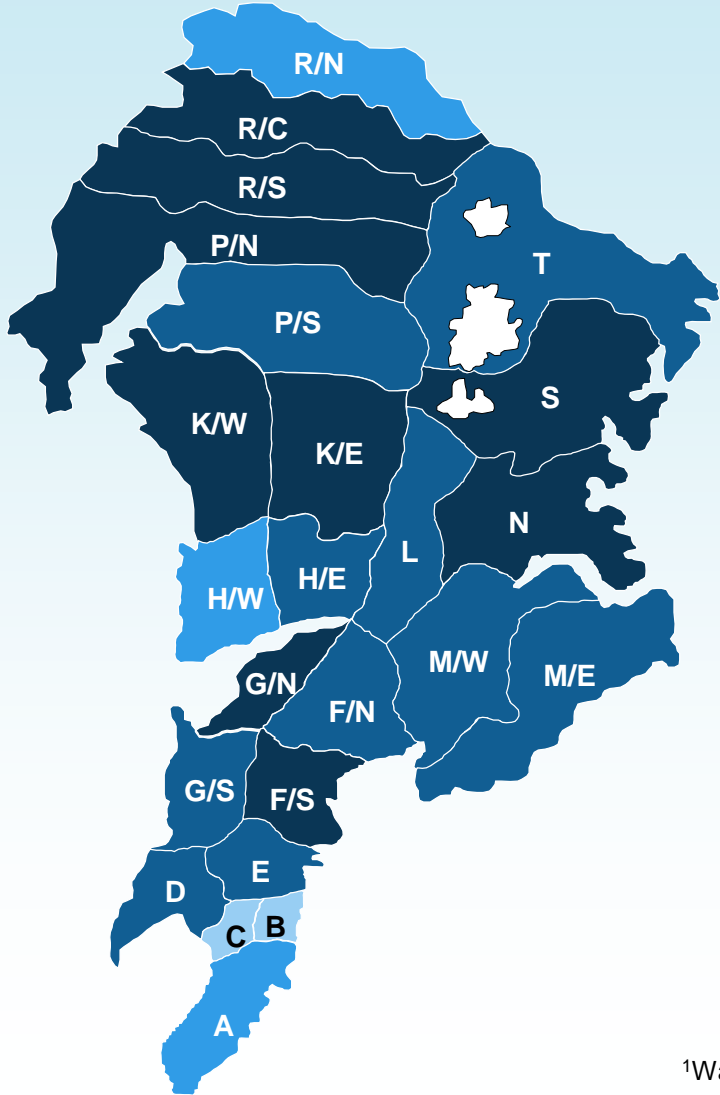
3,100

Senior Citizens with SPO2<95 till date

* Due to Data reconciliation, total population number is reduced.; Total population covers individuals screened multiple times Data subject to change after scrutiny and ongoing verification process

Ward-wise breakdown of positive cases

As of Aug 25, 2020



7157	522	741
7148	355	706
6643	489	844
6422	317	934
5901	267	1339
6172	463	773
5947	403	629
5405	216	1033
5378	361	616
5021	168	737
4990	402	501
4849	441	573
4719	235	834
4428	292	720
4417	302	594
3879	312	532
3786	353	531
3725	238	651
3347	293	428
3068	189	577
2837	150	607
2832	72	489
1599	101	239
977	90	139
110647	7031	15767

- >6000 cases
- 4001- 6000 cases
- 2001 – 4000 cases
- 0 – 2000 cases
- Discharged²
- Deaths³
- Active

Total Positives
1,37,678¹

Total Active
15,767¹

Active = Positive – Discharges – Death

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¹Ward-wise breakup is available for 1,33,445 cases (15,767 Active), Total

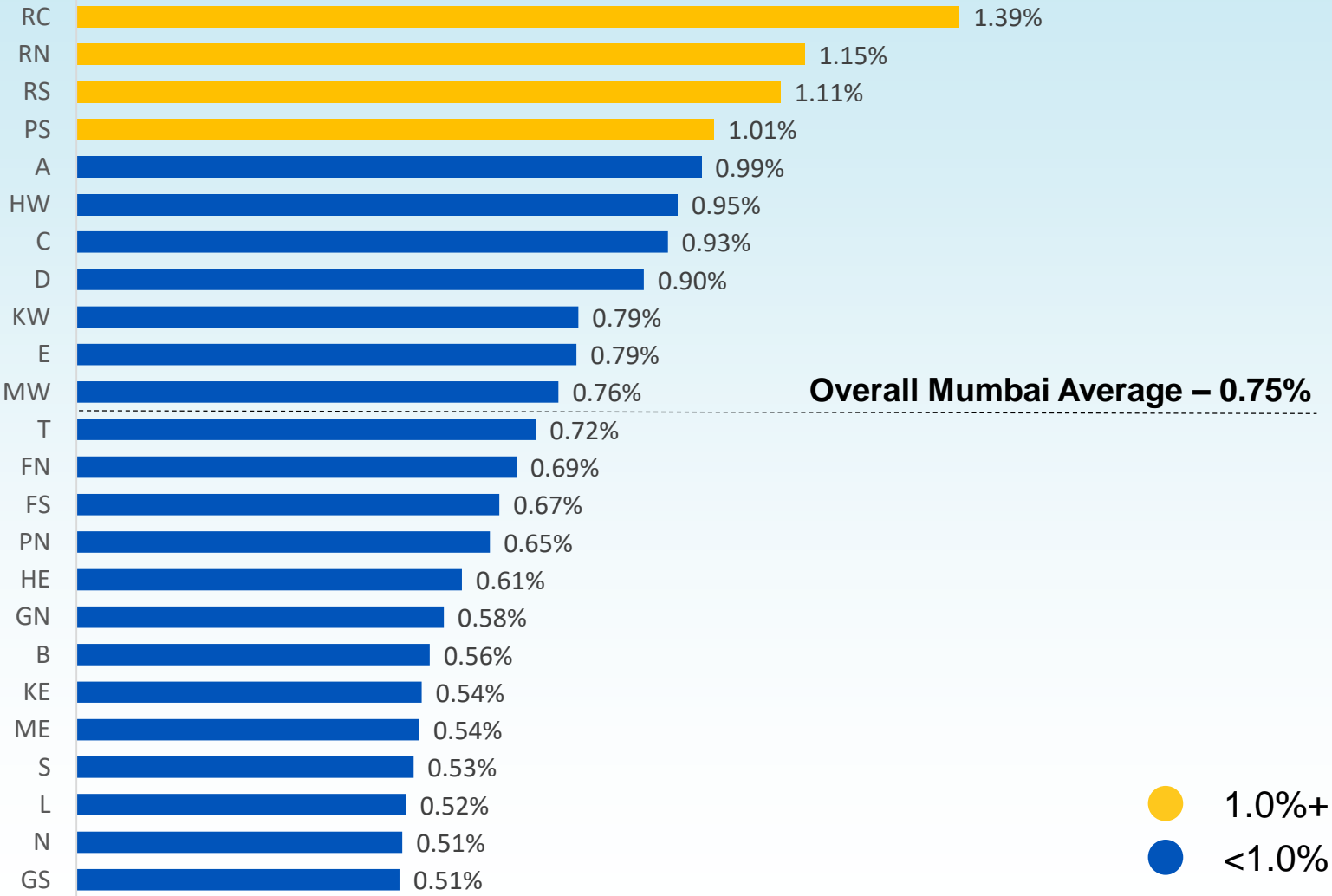
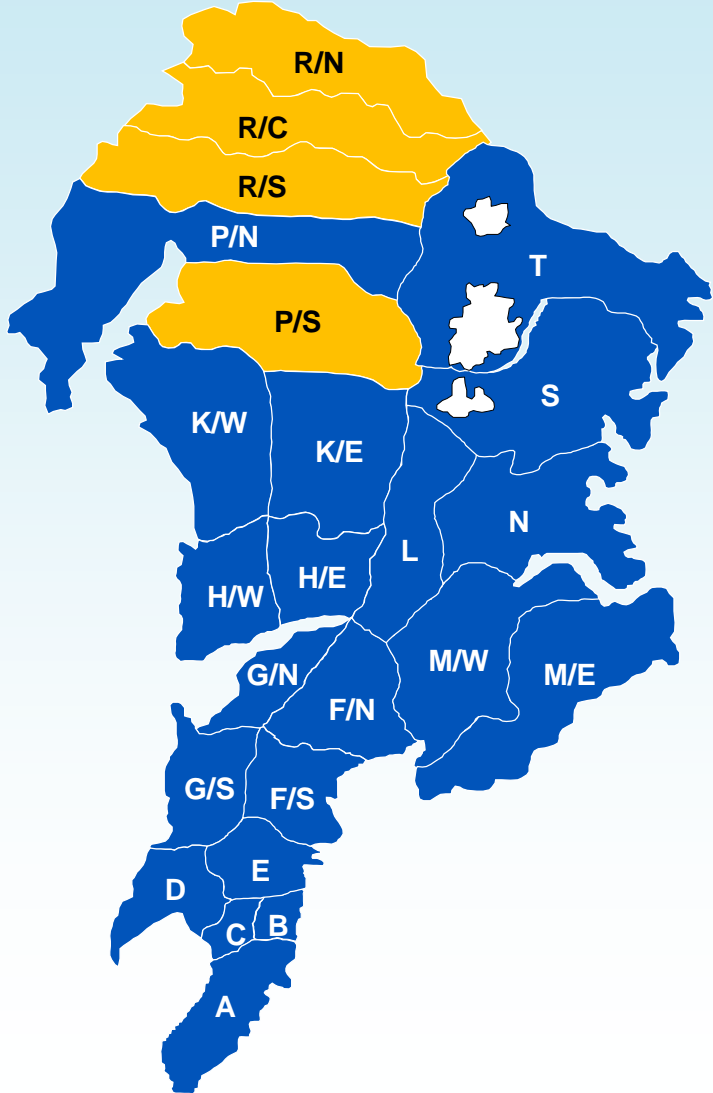
²Discharges as on Aug 25, Available for 1,10,647 cases,

³Deaths as on Aug 25, Available for 7,031 cases

Ward wise reconciliation for Discharged, Deaths and Active is on going ²²
Data subject to change after scrutiny and ongoing verification process

Ward-wise growth rate of new cases

Average of growth rate for the last 7 days till Aug 25, 2020



Ward-wise new cases

Positive cases for the last 7 days till Aug 25, 2020¹

Date of report	RC	RN	RS	PS	A	HW	C	D	E	KW	MW	T	FN	FS	PN	HE	GN	B	KE	ME	S	L	N	GS	Grand Total
Area>>>	Borivali	Dahisar	Kandivali	Goregaon	Colaba	Bandra	Marine Lines	Grant Road	Byculla	Andheri W	Chembur W	Mulund	Matunga	Parel	Malad	Khar	Dadar	Sandhurst Road	Andheri E	Chembur E	Bhandup	Kurla	Ghatkopar	Elphinstone	
As on 18th Aug	6815	3318	6159	4302	3168	3589	1817	5438	5149	7261	3858	5634	5062	6066	7844	4476	7660	1160	8106	4548	7138	5654	6733	5687	126642
19-Aug	79	53	58	34	30	38	18	63	51	58	31	39	31	66	51	31	76	5	52	31	41	32	49	33	1050
20-Aug	161	48	84	43	27	39	13	65	71	61	42	42	51	54	44	35	71	3	65	22	38	45	39	37	1200
21-Aug	147	54	102	77	45	54	27	56	54	96	40	52	50	34	80	45	47	10	73	32	57	35	33	24	1324
22-Aug	129	51	70	51	52	32	17	49	40	63	46	45	28	42	61	20	41	12	45	24	57	37	31	42	1085
23-Aug	77	24	59	50	43	50	25	45	30	35	24	53	49	42	64	29	31	5	29	20	40	28	37	30	919
24-Aug	61	21	62	34	17	18	13	32	25	70	13	30	24	24	35	13	33	7	35	30	12	15	35	29	688
25-Aug	38	25	60	23	11	14	9	40	20	29	14	31	18	27	30	21	17	4	15	16	25	17	22	11	537
As on 25th Aug	7507	3594	6654	4614	3393	3834	1939	5788	5440	7673	4068	5926	5313	6355	8209	4670	7976	1206	8420	4723	7408	5863	6979	5893	133445
Days to double	50	61	63	69	71	73	75	78	88	88	92	96	100	104	107	114	120	125	128	129	131	134	135	136	93

Wards <= 65 days to double

- Ward RC
- Ward RN
- Ward RS

Exponential Method is used to calculate the Days to Double.
 1 The data presented in the table is as per the latest positive line list received for Aug 25, 2020. This line list reflects updates to the cases for prior dates as well. Source: Covid-19 daily update by the DEHO, EPID Cell

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Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

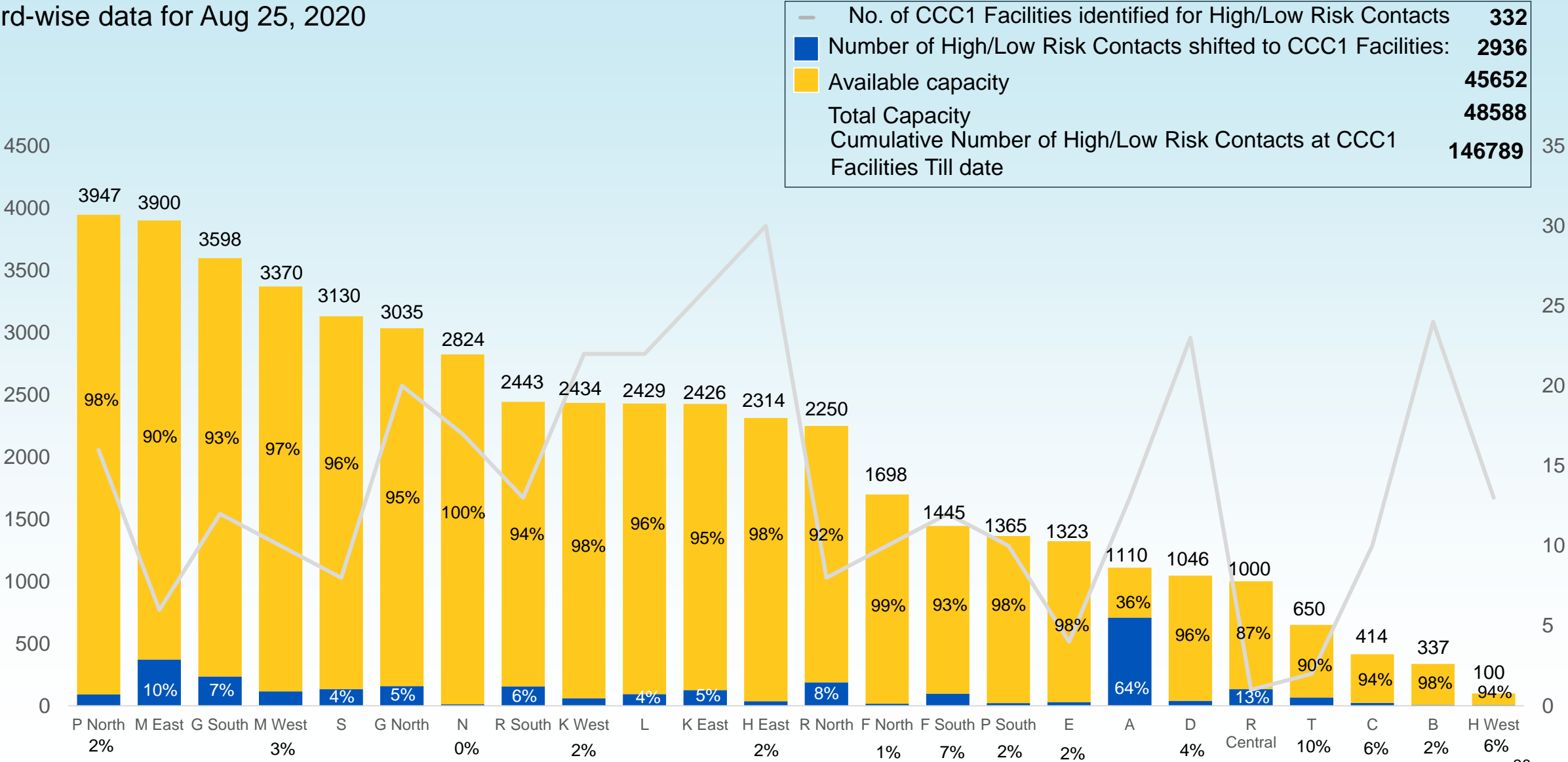
Bed Capacity

Other initiatives



Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Aug 25, 2020



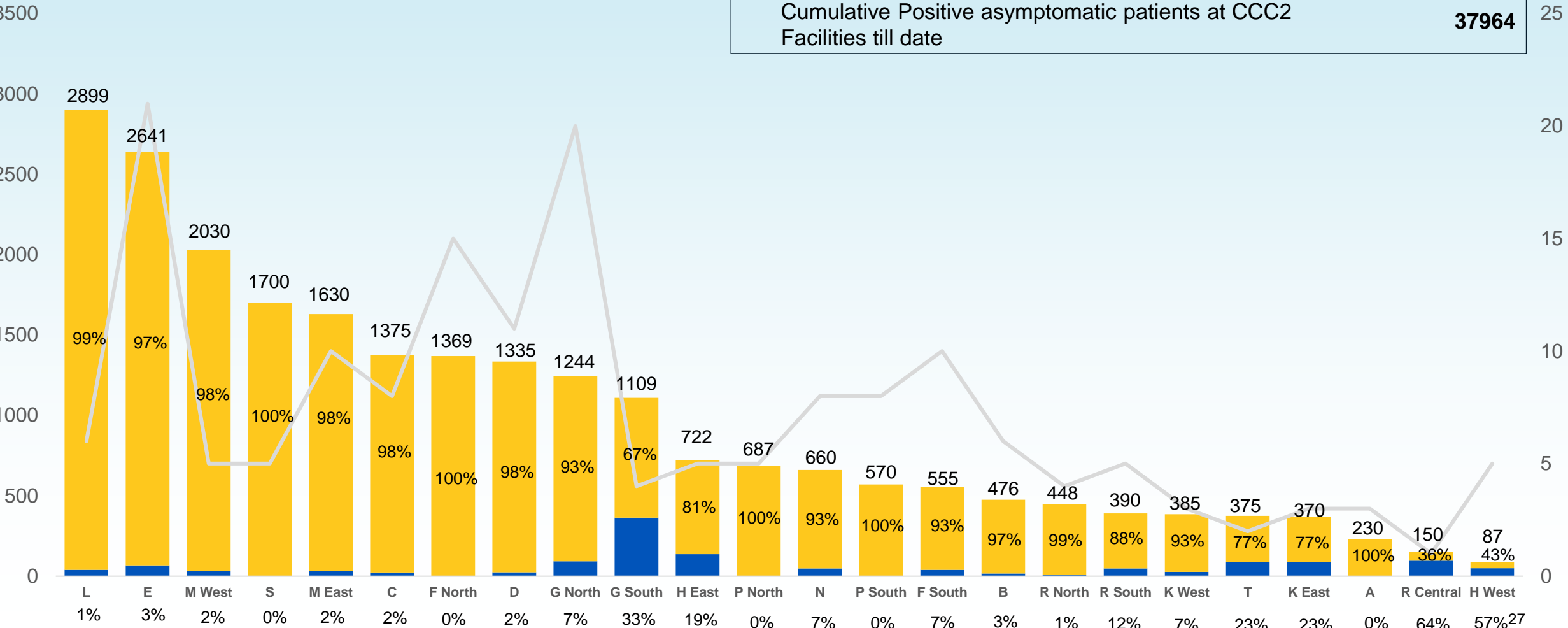
Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators



Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Aug 25, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	173
Number of positive asymptomatic patients shifted to CCC2 Facilities	1318
Available capacity	22119
Total Capacity	23437
Cumulative Positive asymptomatic patients at CCC2 Facilities till date	37964



Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators



Ward-wise bifurcation of CCC2 ACTIVE facilities

Ward-wise data for Aug 25, 2020

Beds occupied	950
Available capacity	2896
Total capacity	3846
Cumulative patients till date	34239

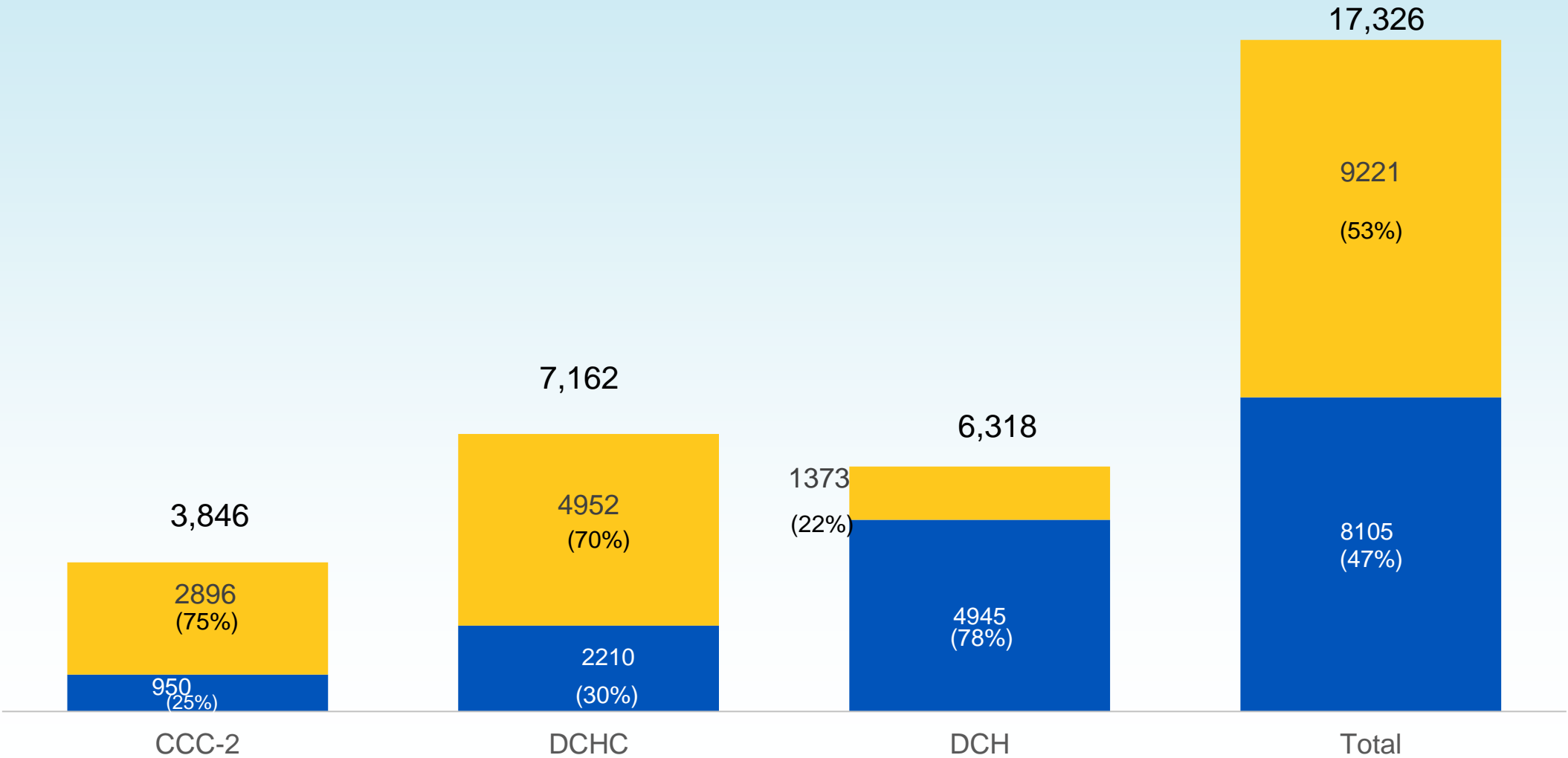


Source: "CCC2 line list"

Summary of total bed capacity

As of Aug 25, 2020

On bed patients Available capacity



Source: At a glance facilities & DMU dashboard

Covid19 Bed Management

Data as on 01:00 PM, Aug 26, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
Total	13,480	7,155	6,325
ICU Beds	1,435	1,195	240
Regular	1,391	1,164	227
Modular	10	9	1
Pediatric ICU	12	6	6
Neonatal ICU	22	16	6
Normal Beds	12,045	5,960	6,085
Quarantine for Suspect	996	485	511
Isolation for Positives	10,592	5,283	5,309
Pregnancy	290	71	219
Others (Cancer + Dialysis)	167	121	46
<i>O2 Beds*</i>	8,905	4,438	4,467
<i>Ventilators*</i>	913	776	137

Source: DMU dashboard;

*O2 Beds and Ventilators are a subset of ICU & Normal Beds

Data subject to change after scrutiny and ongoing verification process

Summary of total bed capacity

Data as on 02:00 PM, Aug 26, 2020 , Subject to change

			COVID Beds				
			Total	ICU Beds	Normal Beds	O2 Beds*	Ventilators*
Capacity	Total		13,480	1,435	12,045	8,905	913
	Public	Hospitals	5,098	651	4,447	2,934	516
		Jumbo	6,067	244	5,823	4,507	120
	Pvt	Hospitals	2,315	540	1,775	1,464	277
Occupancy	Total		7,155	1,195	5,960	4,438	776
	Public	Hospitals	3,513	600	2,913	2,207	481
		Jumbo	1,777	111	1,675	1,104	39
	Pvt	Hospitals	1,856	484	1,372	1,127	256
Vacancy	Total		6,333	240	6,085	4,467	137
	Public	Hospitals	1,585	51	1,534	727	35
		Jumbo	4,280	133	4,148	3,403	81
	Pvt	Hospitals	459	56	403	337	21

Source: DMU dashboard;
 *O2 Beds and Ventilators are a subset of ICU & Normal Beds



Key Trends

Contact tracing and home quarantine

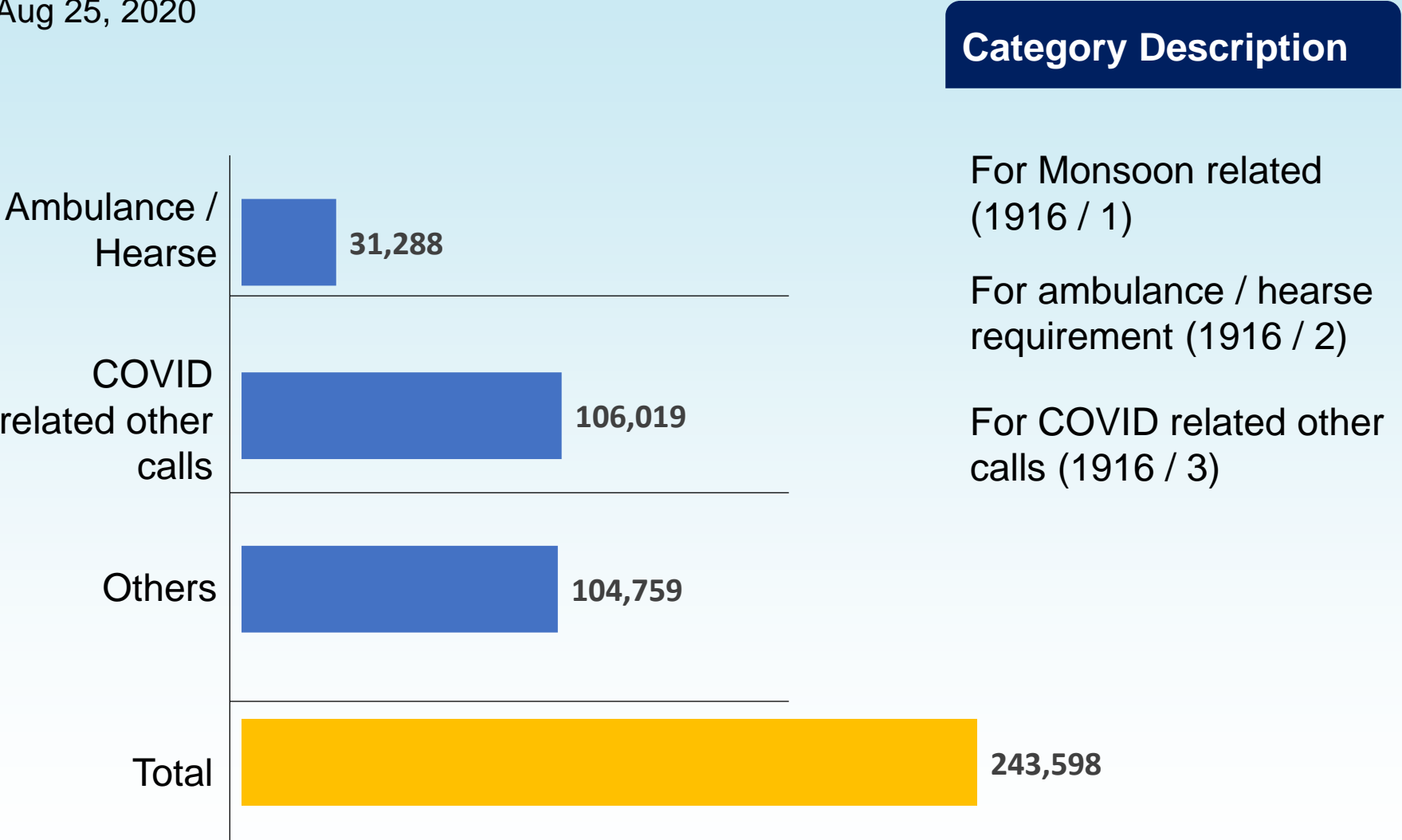
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Call Center update

For all calls received from April 24 to Aug 25, 2020



Management of Waste from Quarantined Areas

August 24, 2020



Waste Collected (in Kgs)

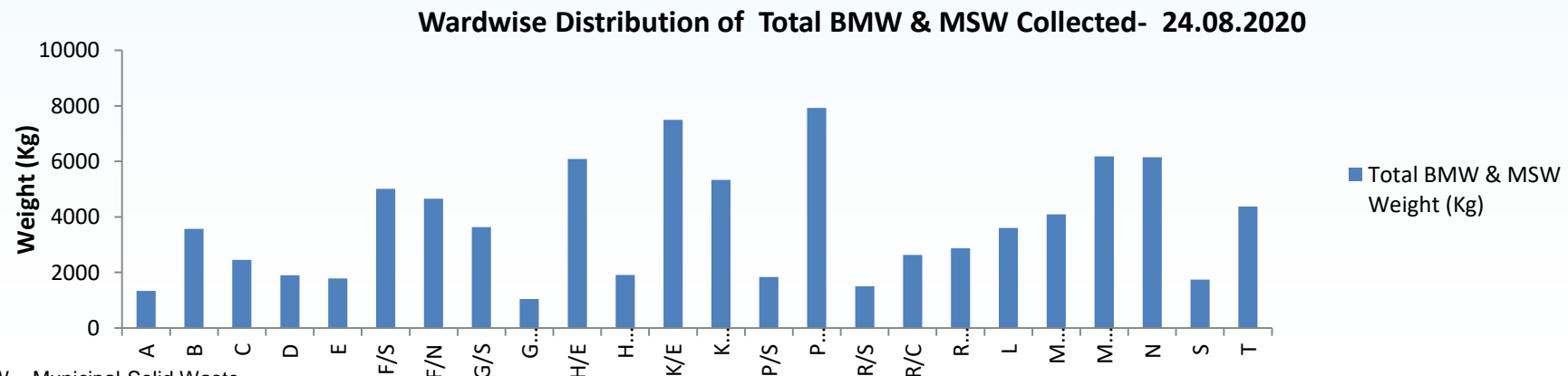
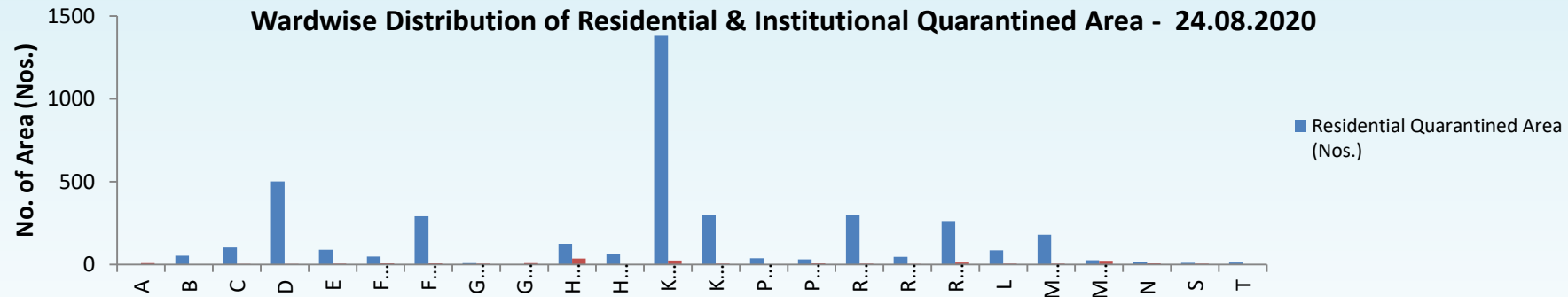
COVID BMW (in Kgs)
9634

MCGM Quarantine BMW (in Kgs)
2514

Total BMW (in Kgs):
12,148.0

Total MSW Collected by MCGM from Quarantined Area (in Kgs):
86,640.0

Total MSW & BMW Collected by MCGM from Quarantined Area (in Kgs):
98,788



Note: BMW – Bio-Medical Waste, MSW – Municipal Solid Waste

Thank you

