

# BMC Covid-19 Response War Room Dashboard

Aug 30, 2020



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# Mumbai COVID19 status at a glance

As of Aug 29, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 01:00 PM, Aug 30, 2020)		Contact Tracing	Past 24hrs	Cumulative	Others	
Total Positive	1,43,389*	Bed Capacity	16,572	Total Traced	14,270	22,90,132	Senior Citizens Screened till date	9,01,483
Discharged	1,15,500	Occupied	8,179	High Risk	5,856	8,28,432	Senior Citizens with SPO2 > 95	8,98,375
Deaths	7,593	Available	8,393	Low Risk	8,864	14,61,700	Senior Citizens with SPO2 < 95	3,108
(Deaths with Age > 50yrs – 6,328)		DCH & DCHC Bed Capacity	13,272	Total Quarantine Completed		20,94,504	Active Containment Zones – Slums & Chawls	559
Total Active	19,974	Occupied	7,135	Currently in Home Quarantine		1,93,127	Released Containment Zones – Slums & Chawls	947
Stable – Asymptomatic	12,643	Available	6,137	Currently in Institutional Quarantine (CCC1)		2,501	Active Sealed Buildings	6,093
Stable - Symptomatic	6,204	CCC2 Facility (Activated Capacity)	3,300	Total CCC1 Facilities		332	Released Sealed Buildings	21,078
Critical	1,127	Occupied	1,044	Total Capacity(Beds)		48,588	Calls Centre Calls Flow	2,47,651
Tests Done (till date)	7,62,672	Available	2,256	Current Occupancy		2,501		
% of Positive (till date)	18.80	ICU Bed Capacity	1,415	Cumulative Occupancy		1,47,576		
		Occupied	1,211	Total CCC2 Facilities		173		
		Available	204	Total Capacity (Beds)		23,457		
		O2 Bed Capacity	8,662	Active Facilities		63		
		Occupied	4,367	Active Capacity(Beds)		3,300		
		Available	4,295	Current Occupancy		1,044		
		Ventilator Bed Capacity	933	Cumulative Occupancy		34,730		
		Occupied	805					
		Available	128					

## Ward wise positive cases

Wards	RC	HW	RS	RN	PS	A	C	D	KW	T	PN	N	FN	FS	MW	ME	B	E	GS	KE	GN	S	HE	L	Overall
Positive Cases	8110	4102	7064	3833	4850	3570	2033	6075	8017	6146	8539	7245	5490	6577	4213	4869	1241	5593	6069	8681	8211	7621	4776	6005	Mumbai
Days to double	48	54	56	58	66	67	68	71	79	87	88	95	97	99	102	109	116	117	117	121	124	125	135	142	86



## Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

Bed Capacity

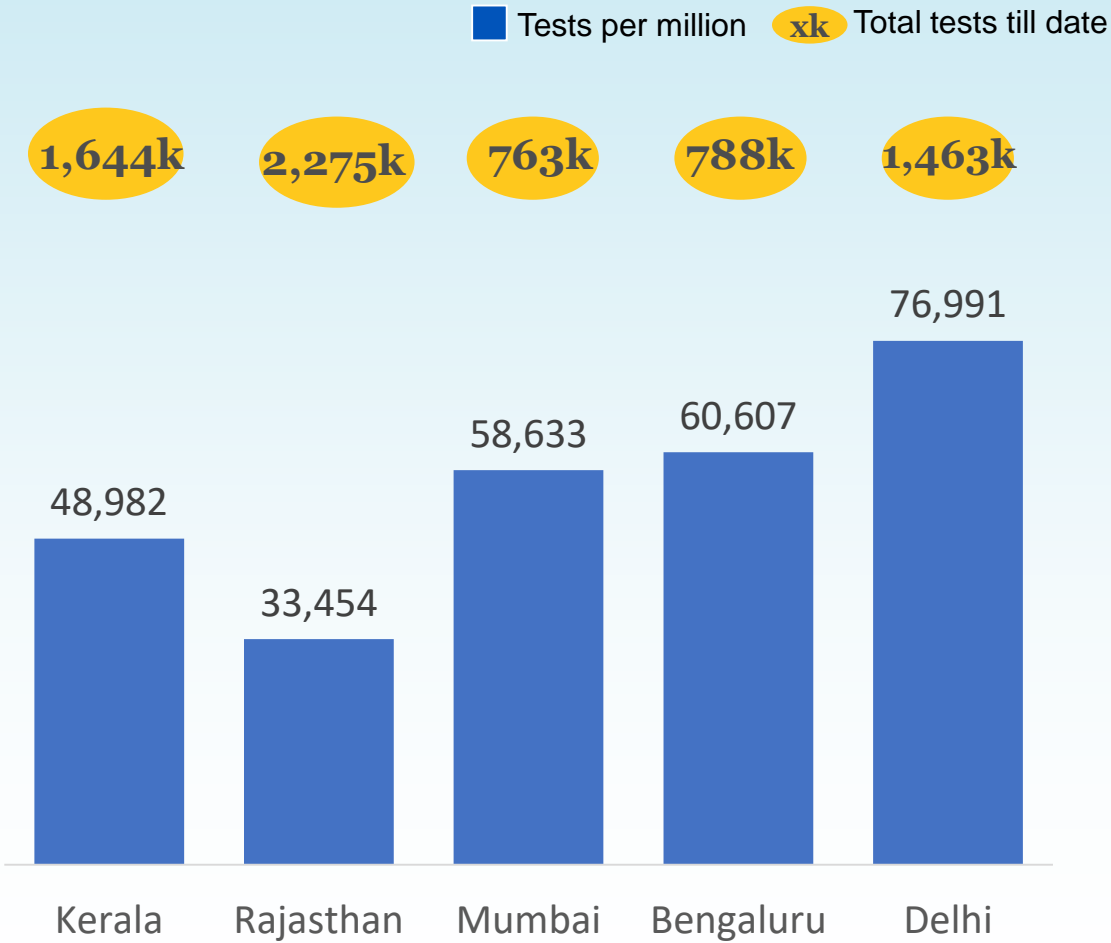
Other initiatives



# Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Aug 29, 2020

## Tests per million



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

State	Cases	Tests	Tests per million
Bengaluru*	1,21,449	7,87,888	60,607
Mumbai	1,43,389	7,62,672	58,633
Delhi*	1,64,071	14,62,829	76,991
West Bengal	1,56,766	18,01,960	19,972
Gujarat	93,734	21,94,615	35,397
Kerala	71,707	16,43,633	48,982
Maharashtra	7,64,281	40,92,620	33,123
Rajasthan	79,380	22,74,901	33,454
Tamil Nadu	4,15,590	46,54,797	1,39,416

Source: Government COVID bulletins as of Aug 29 2020

\* Data as of Aug 27 2020

Due to reconciliation on ICMR portal 142 Cases are removed from progressive positive cases.(for Mumbai)

Data subject to change after scrutiny and ongoing verification process





# Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Aug 29, 2020

— Total tests (cumulative) ■ Positive cases on the day

Summary till date

1,43,389<sup>1</sup>

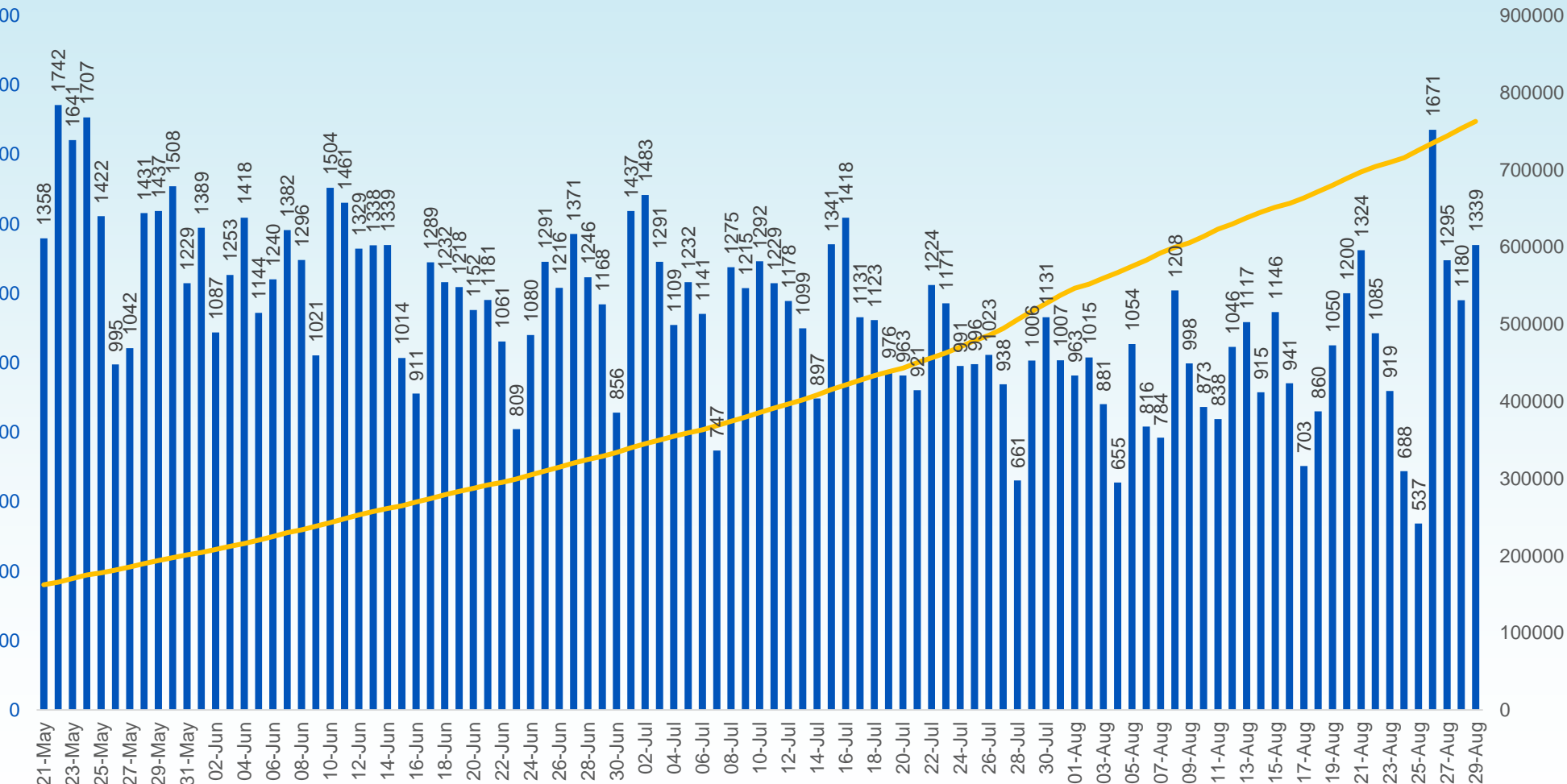
Total positive cases

7,62,672

Total tests conducted

18.80%<sup>2</sup>

Positive cases as a % of total tests



1 Total Positive cases as on Aug 29, Total cases as of Aug 29 as per line list is 1,38,930

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

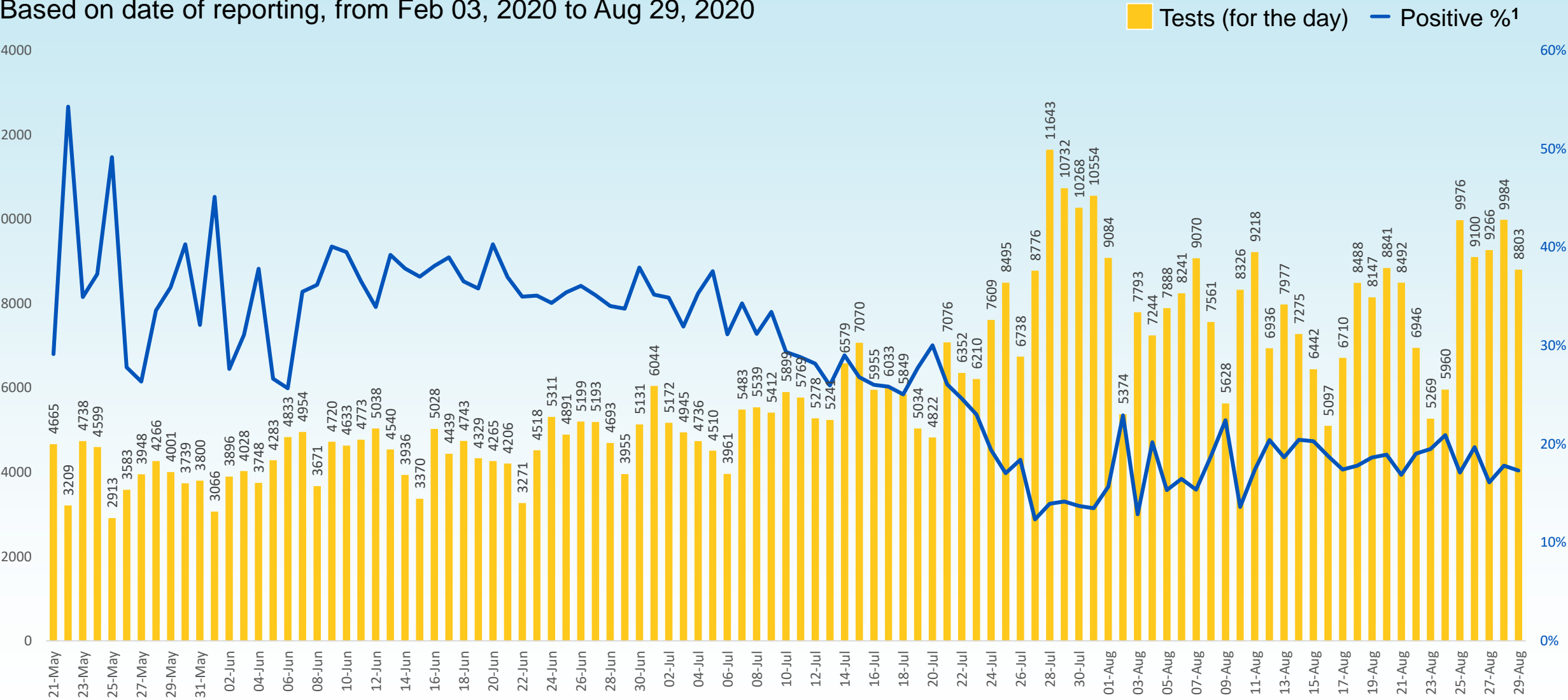
Source: Covid-19 daily update by the Public Health Department, BMC

Due to reconciliation on ICMR portal 142 Cases are removed from progressive positive cases.

Data subject to change after scrutiny and ongoing verification process

# Trend of positive cases vis-à-vis total tests

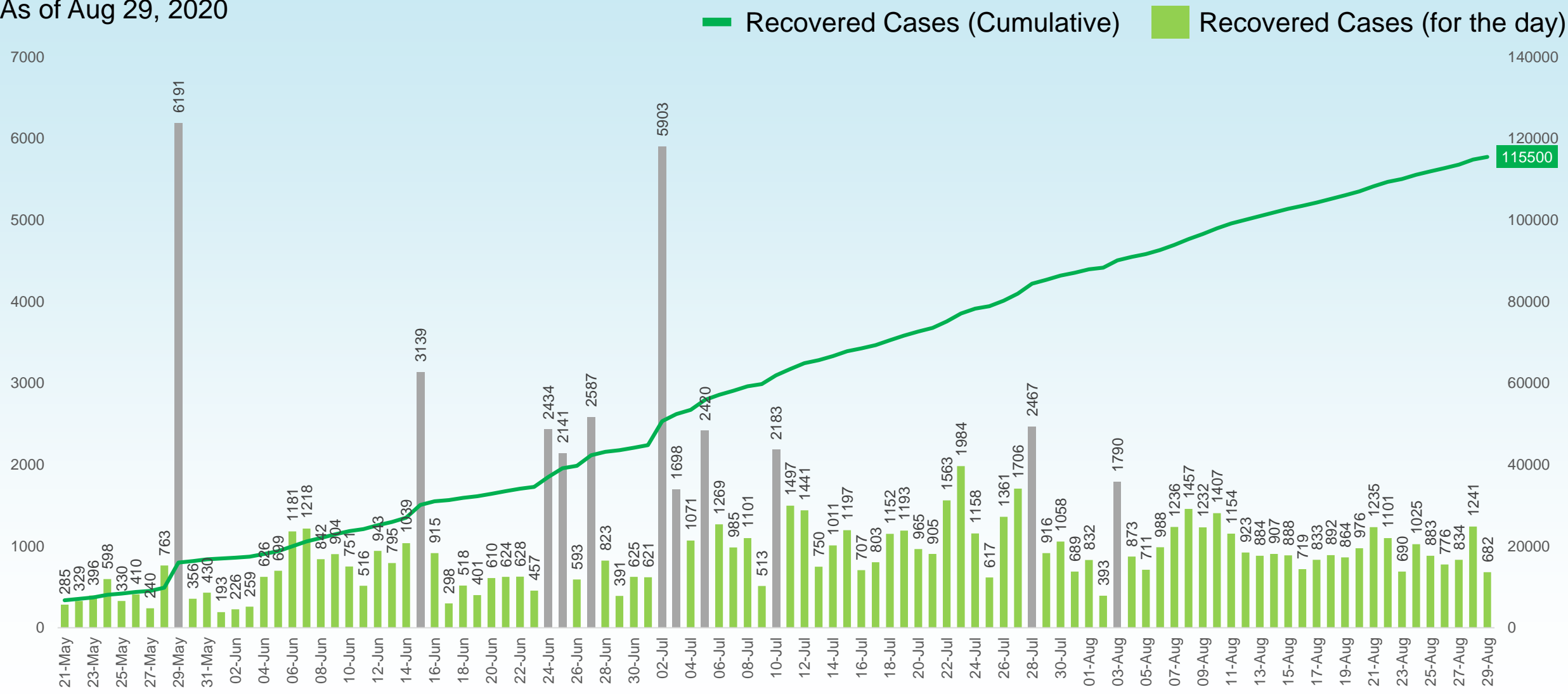
Based on date of reporting, from Feb 03, 2020 to Aug 29, 2020



¹Positive samples for the day as a % of total tests for the day;  
 Positive Samples include duplicates with ICMR (~13%) and Out of Mumbai Cases (3%)  
 Source: Covid-19 daily update by the Public Health Department, BMC

# Trend of Recovered Cases

As of Aug 29, 2020

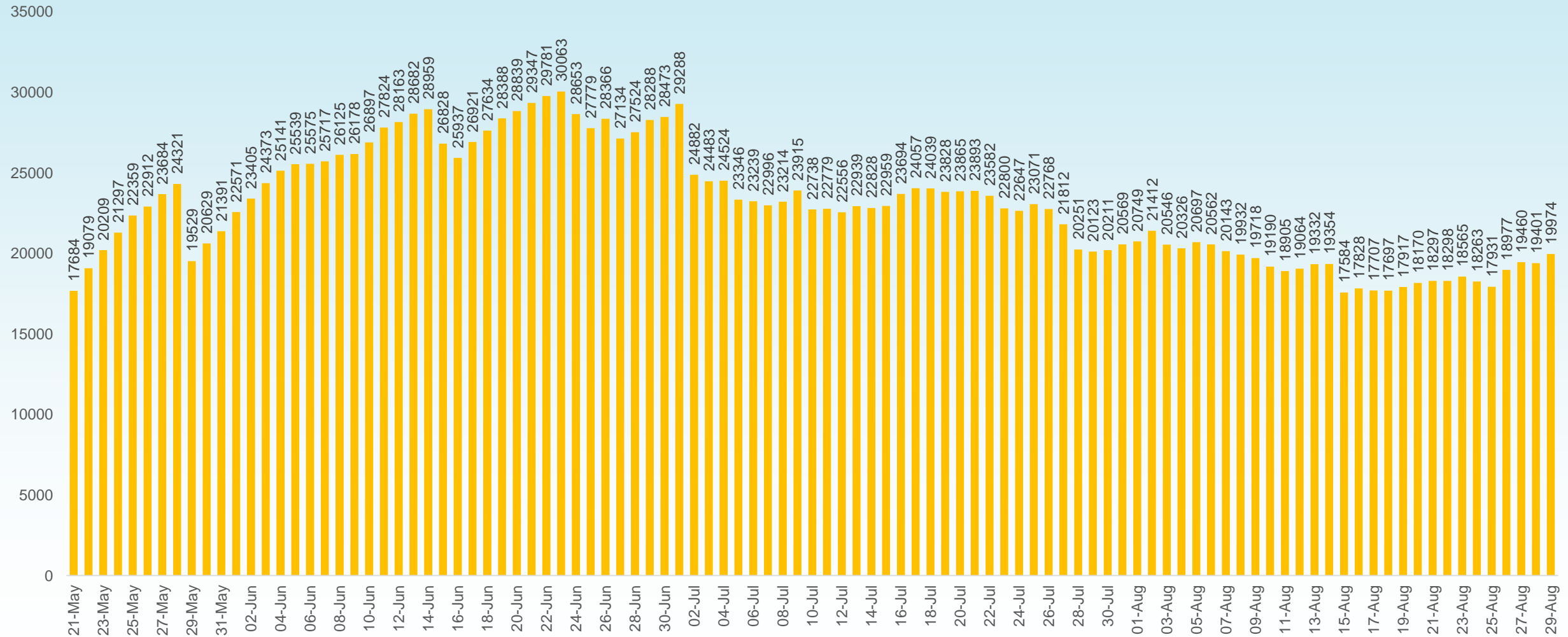


<sup>1</sup>Spikes refer to reconciliation and updation for previous days

# Trend of Active Cases

As of Aug 29, 2020

Active Cases (Cumulative)

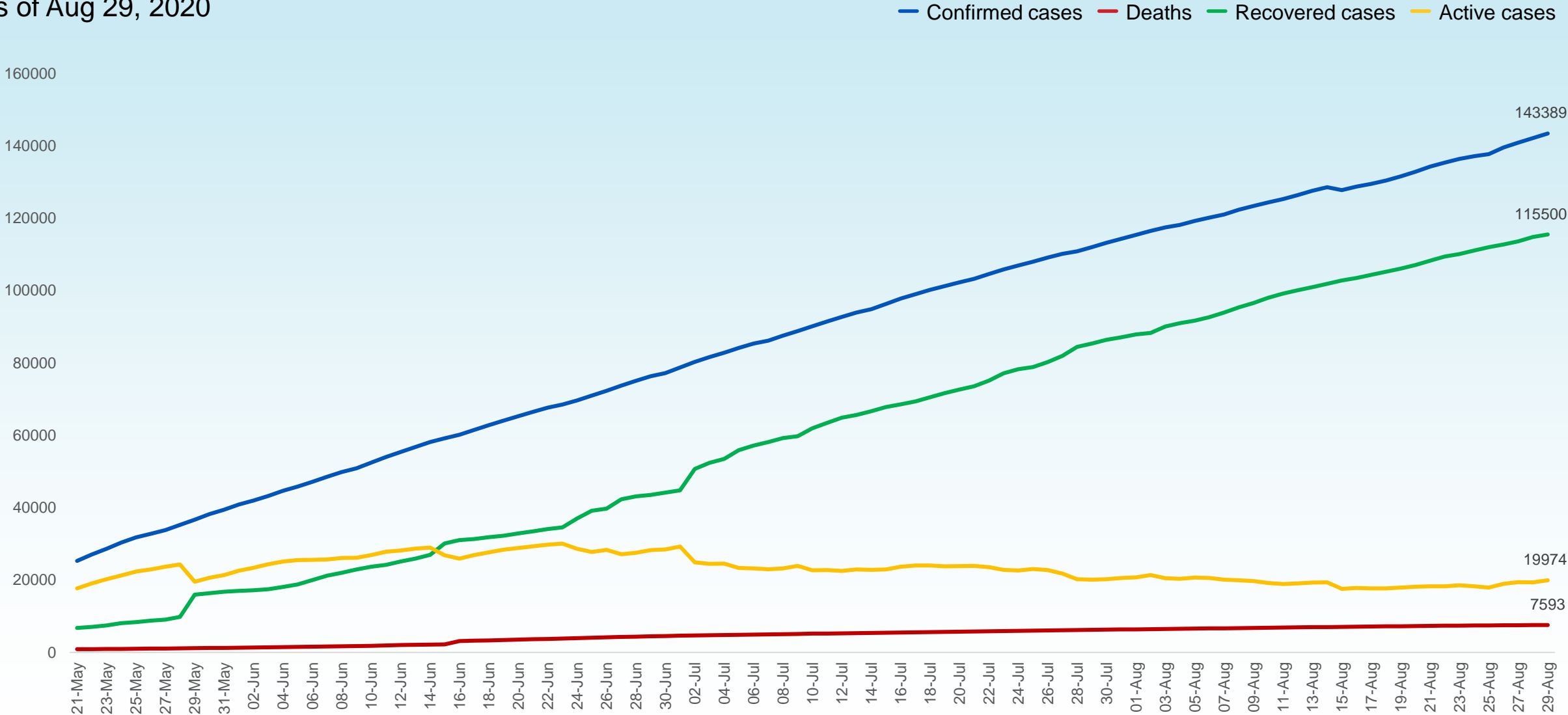






# Case summary for Mumbai

As of Aug 29, 2020



Due to reconciliation on ICMR portal 142 Cases are removed from progressive positive cases.



## Key Trends

**Contact tracing and home quarantine**

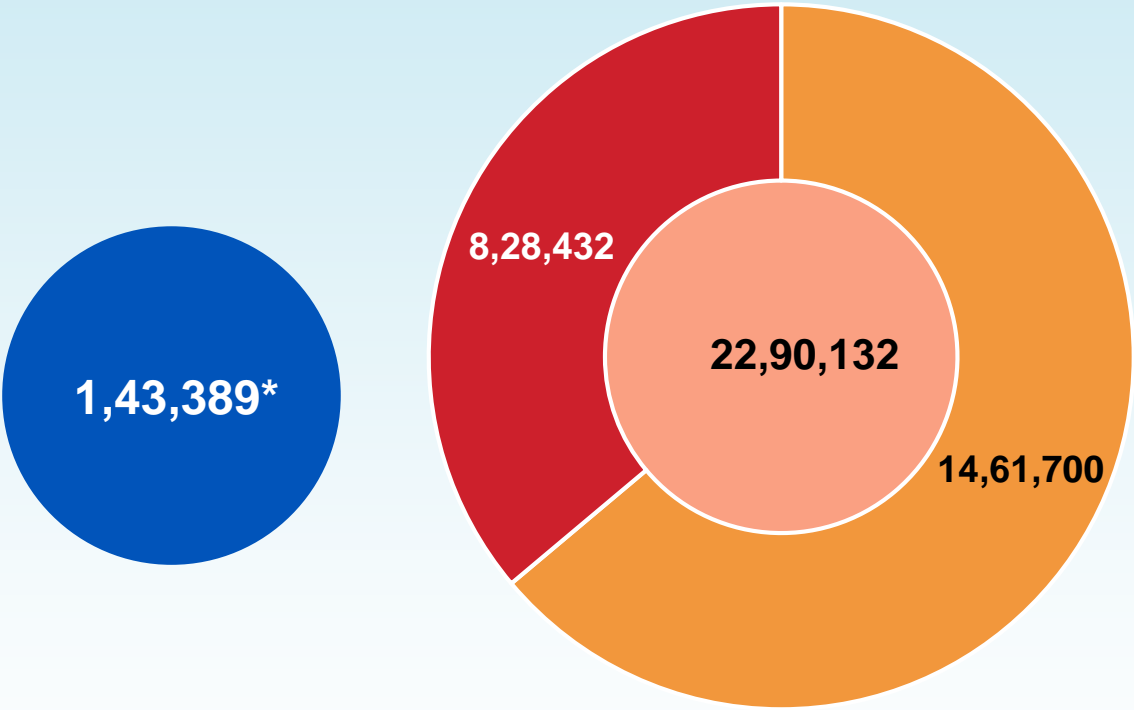
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

# Update on contact tracing

Summary as of Aug 29, 2020



- Positive patients
- Total contacts traced
- High risk
- Low risk

Positive patients

Contacts traced

20,94,504

Completed quarantine

1,93,127

In home quarantine,

2,501

Currently at institutional quarantine facilities

1,47,576

Shifted to institutional quarantine facilities till date

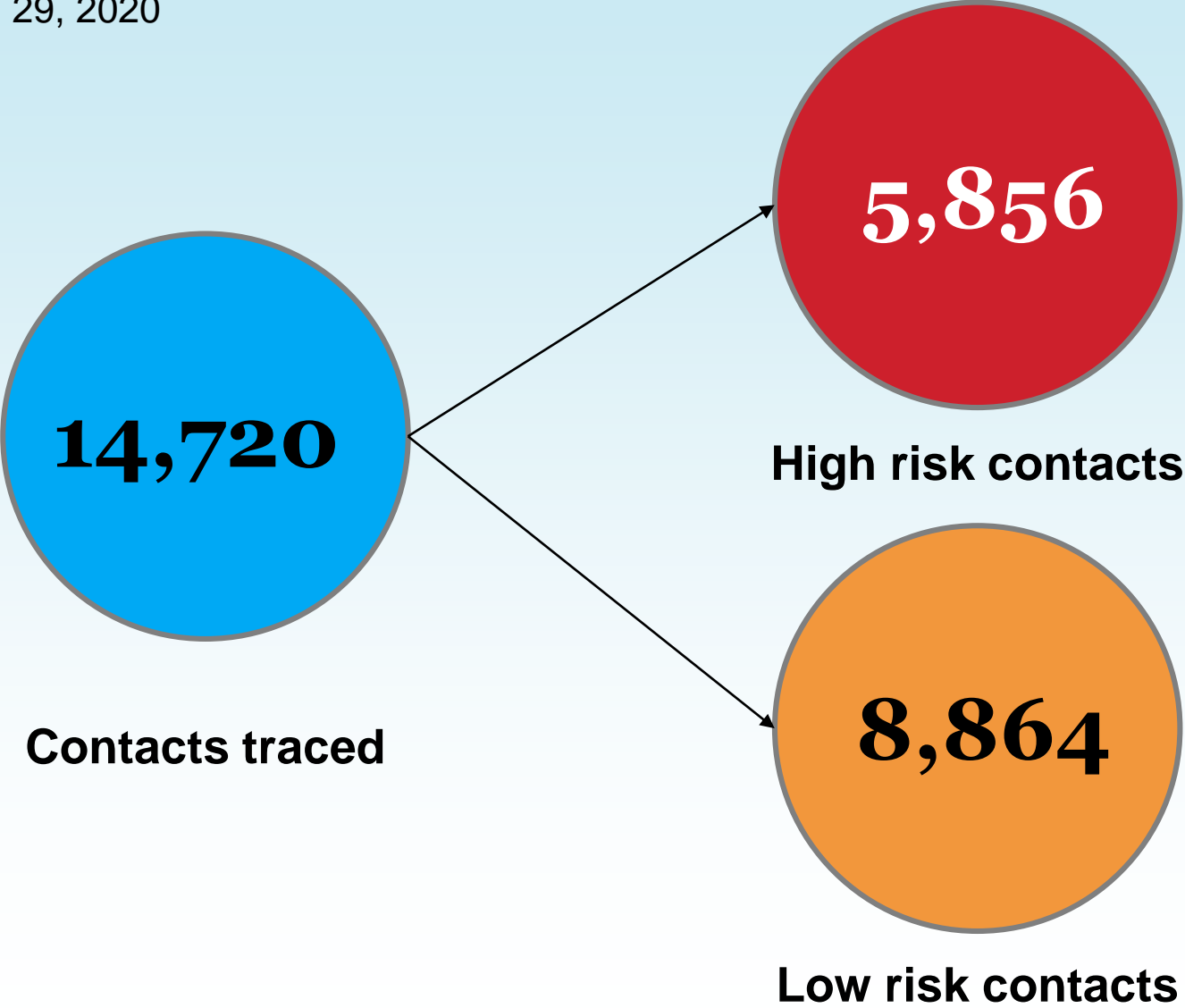
Source: Quarantine numbers from BMC Contact Tracing Report as on Aug 29, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

\*Due to reconciliation on ICMR portal 142 Cases are removed from progressive positive cases.

Data subject to change after scrutiny and ongoing verification process

# Contact tracing report for last 24 hours

Summary as of Aug 29, 2020



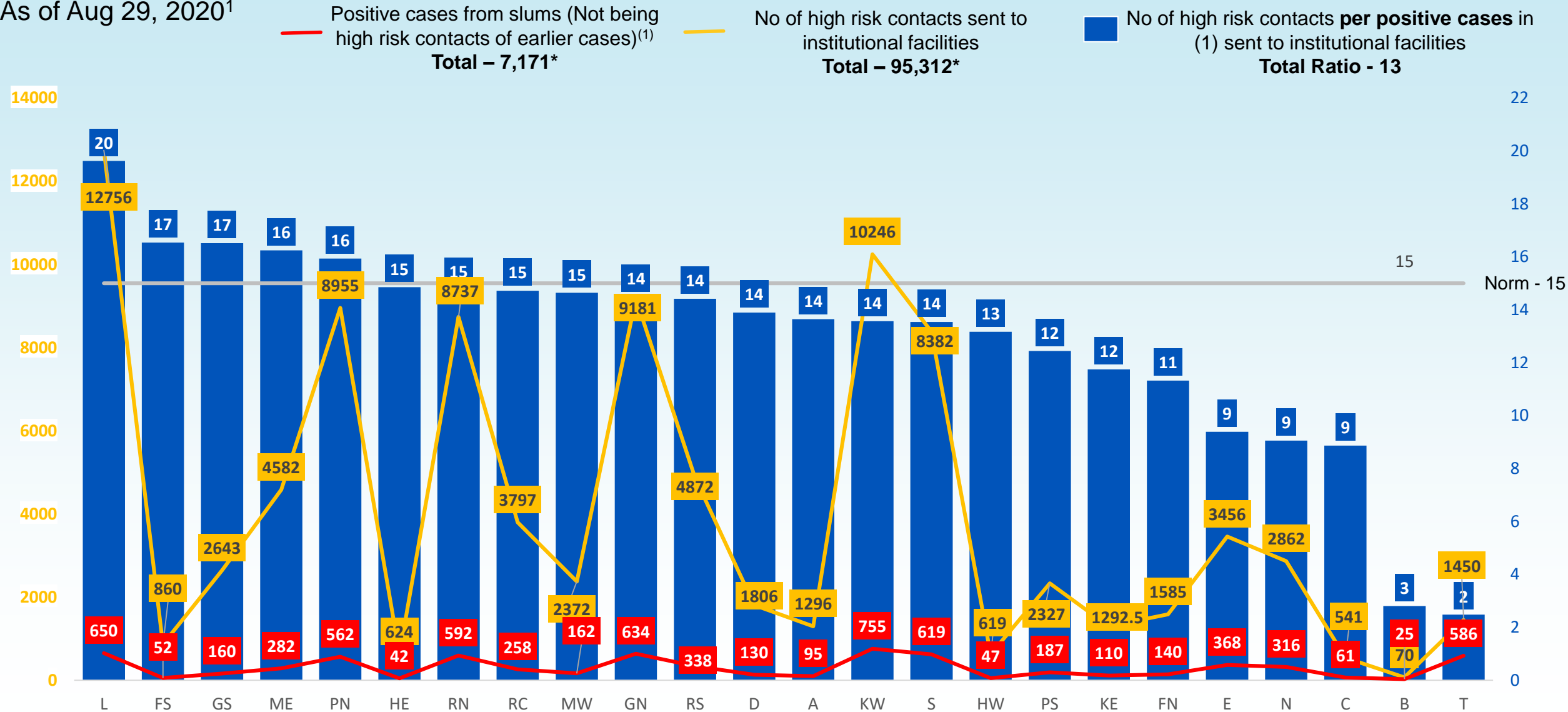
Source: Quarantine numbers from BMC Contact Tracing Report as on Aug 29 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



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

As of Aug 29, 2020<sup>1</sup>



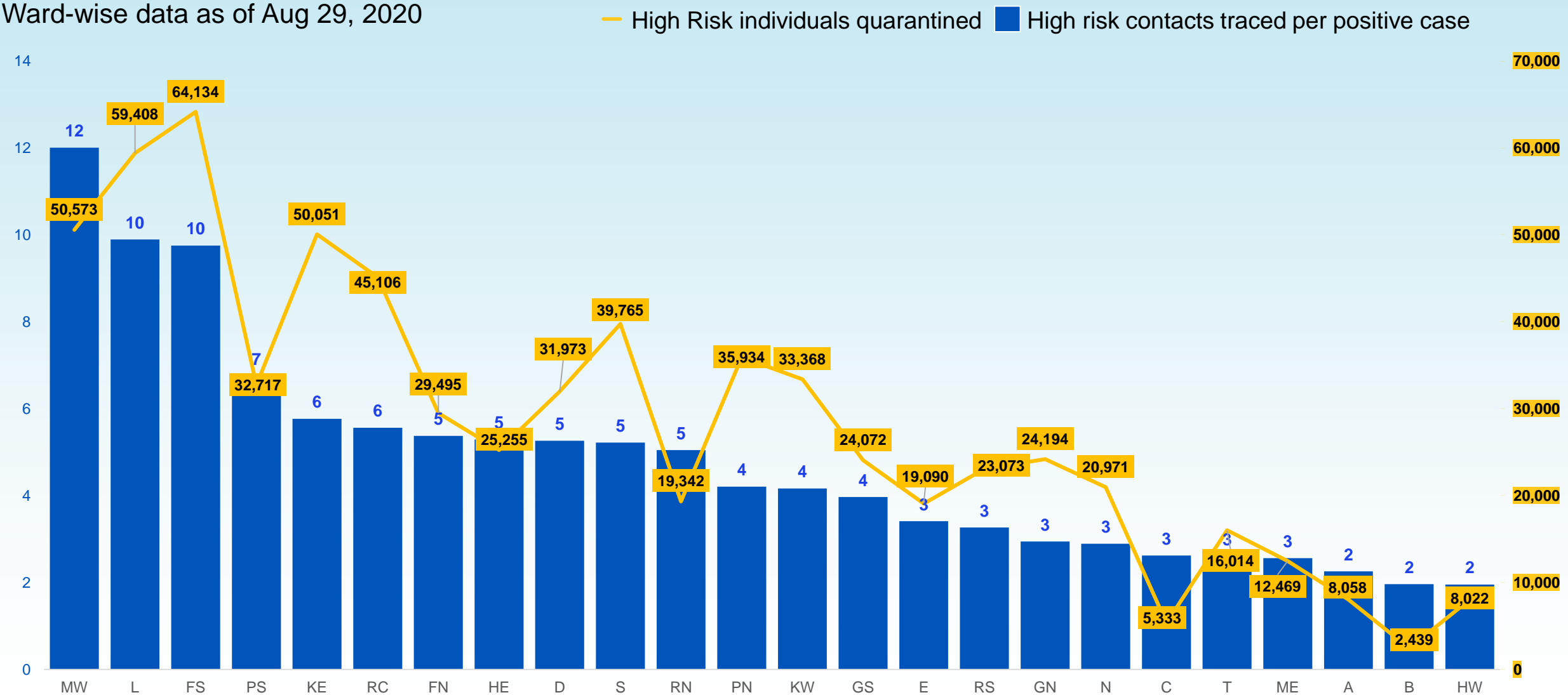
\* Data for Ward FS is updated as of Aug 28  
1 Data since June 03, 2020; Source – Operation – Chase the virus



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

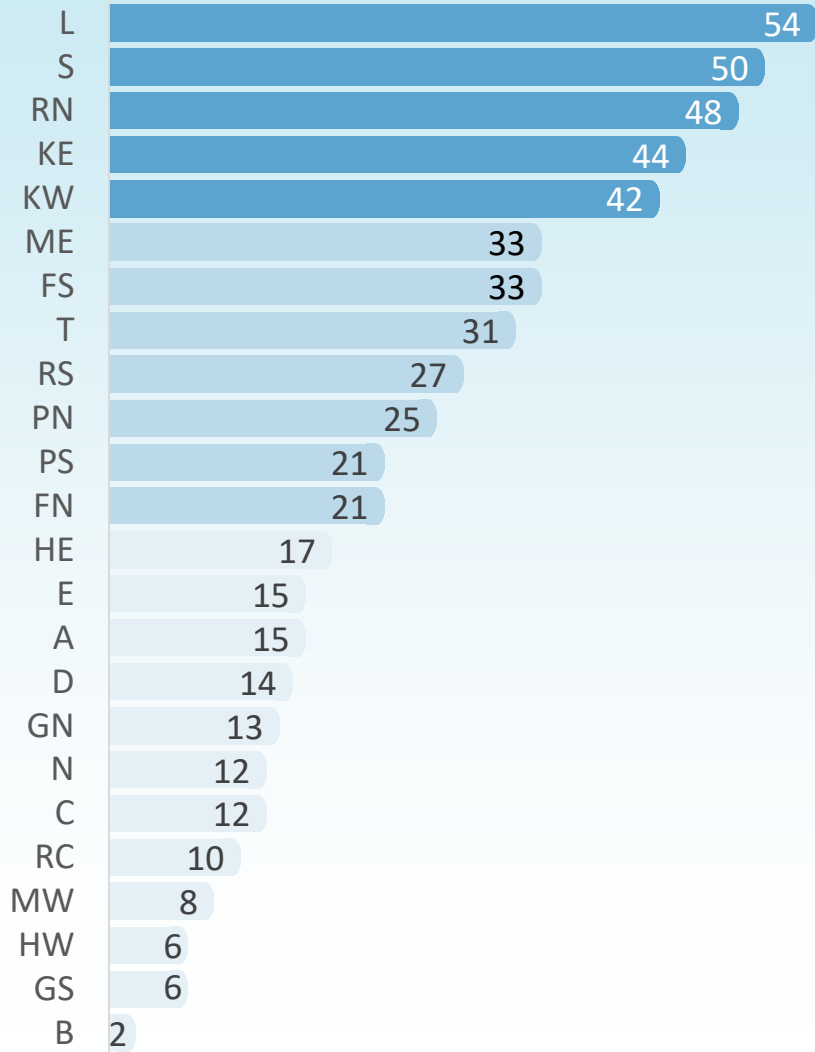
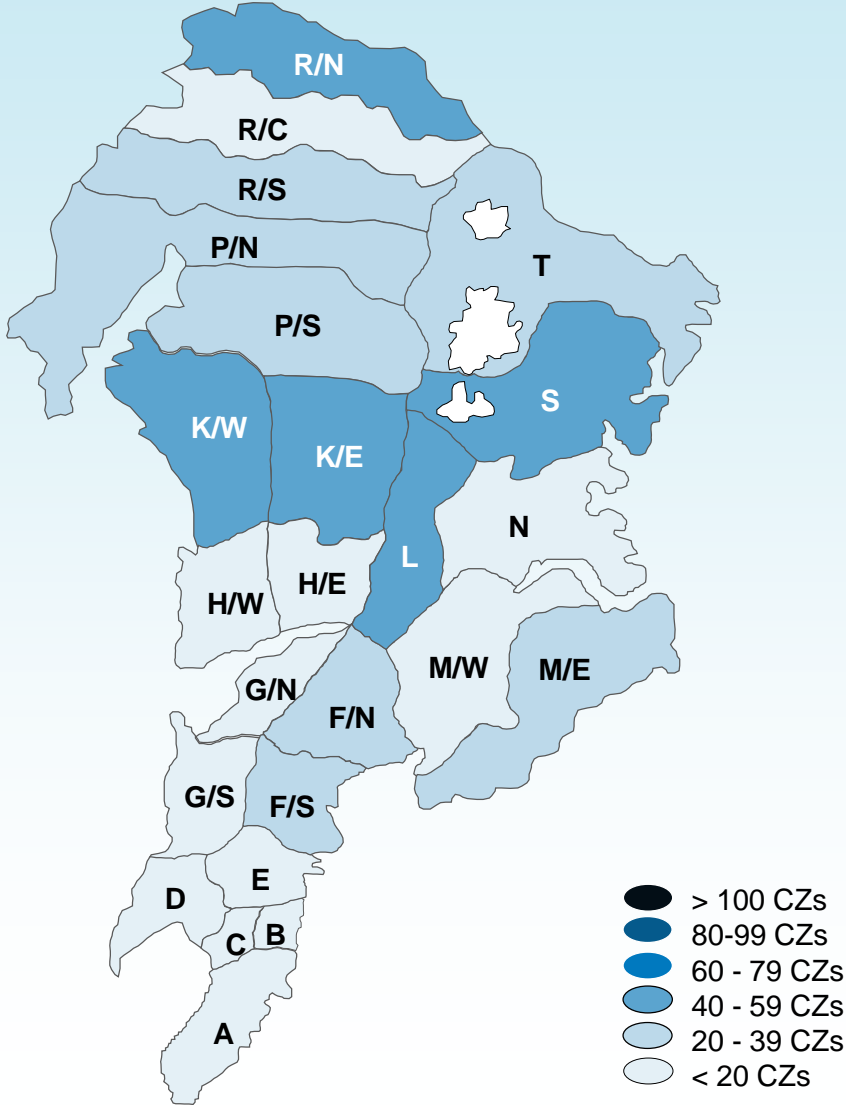


Ward-wise data as of Aug 29, 2020



# Ward-wise containment zones – slums and chawls

As of Aug 29, 2020



**559** *Active*  
 Containment Zones

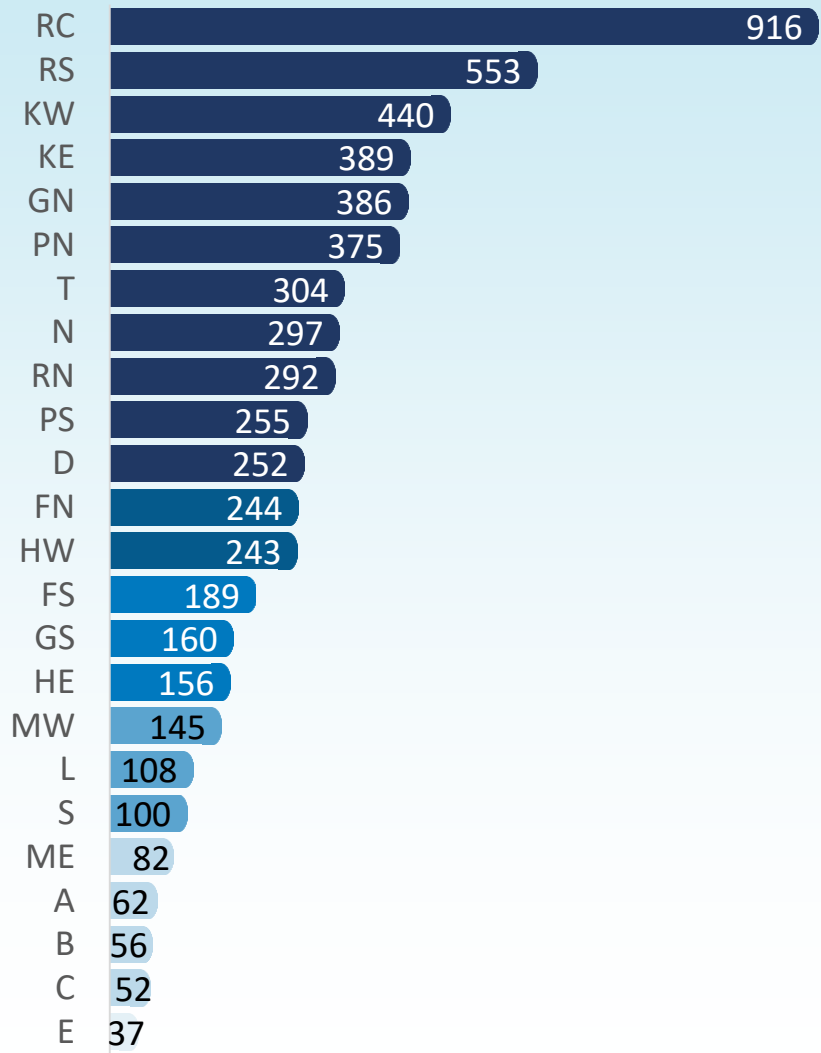
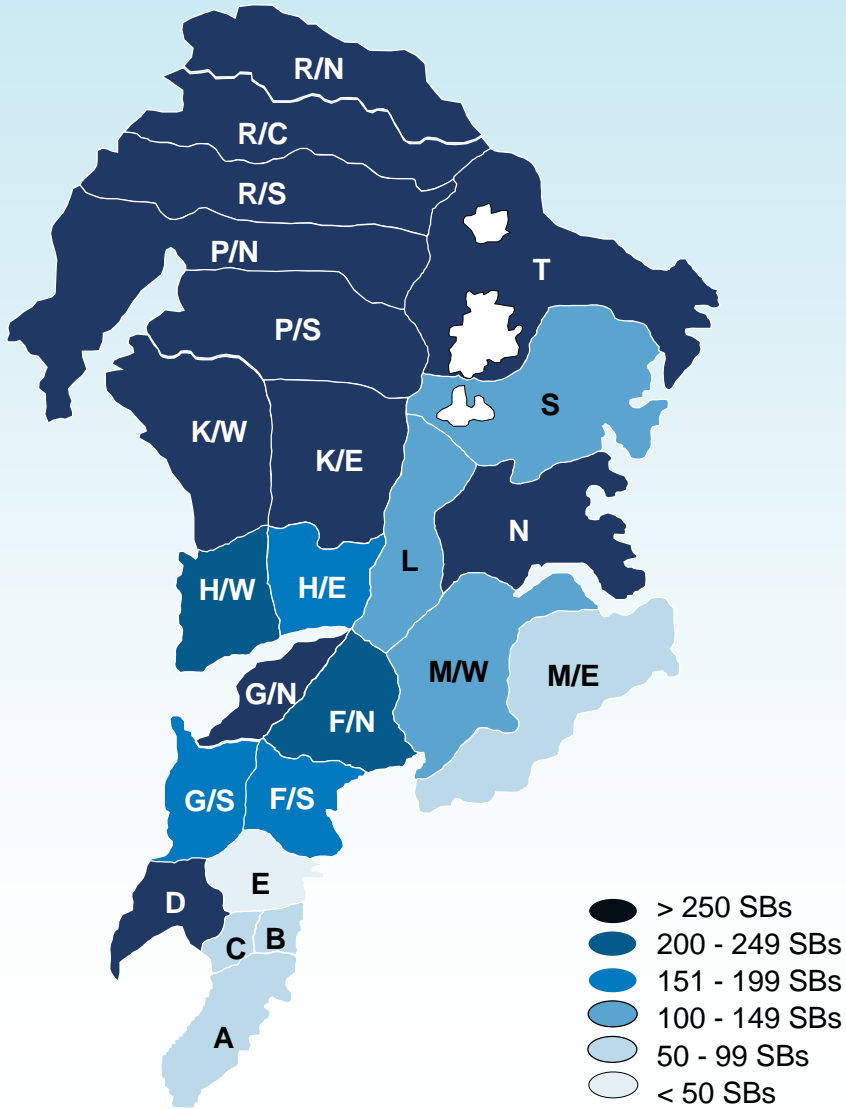
**8.4** *lacs*  
 No. of Households

**37** *lacs*  
 Population

**947** *Released*  
 Containment Zones

# Ward-wise sealed buildings

As of Aug 29, 2020



**6,093** *Active*  
 Sealed Buildings

**2.2** *lacs*  
 No. of Households

**7.9** *lacs*  
 Population

**21,078** *Released*  
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

**Status of COVID19 Positive Cases**

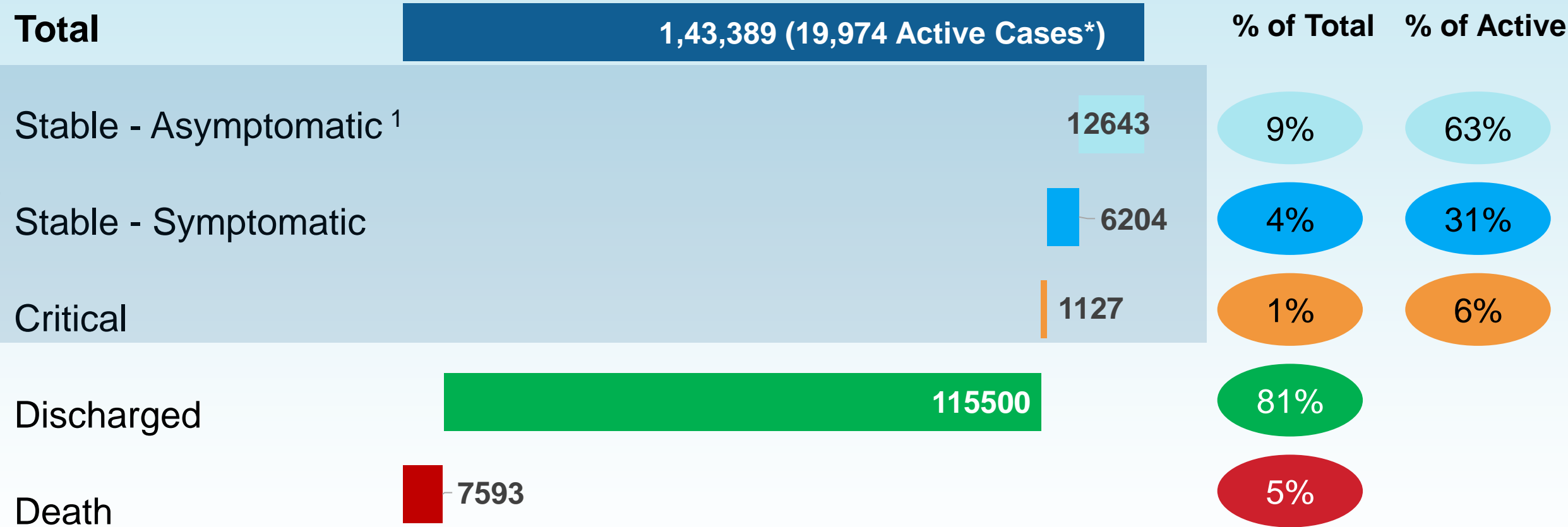
Bed Capacity

Other initiatives



# Case summary for Mumbai

As of Aug 29, 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 (6,397 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

Due to reconciliation on ICMR portal 142 Cases are removed from progressive positive cases.

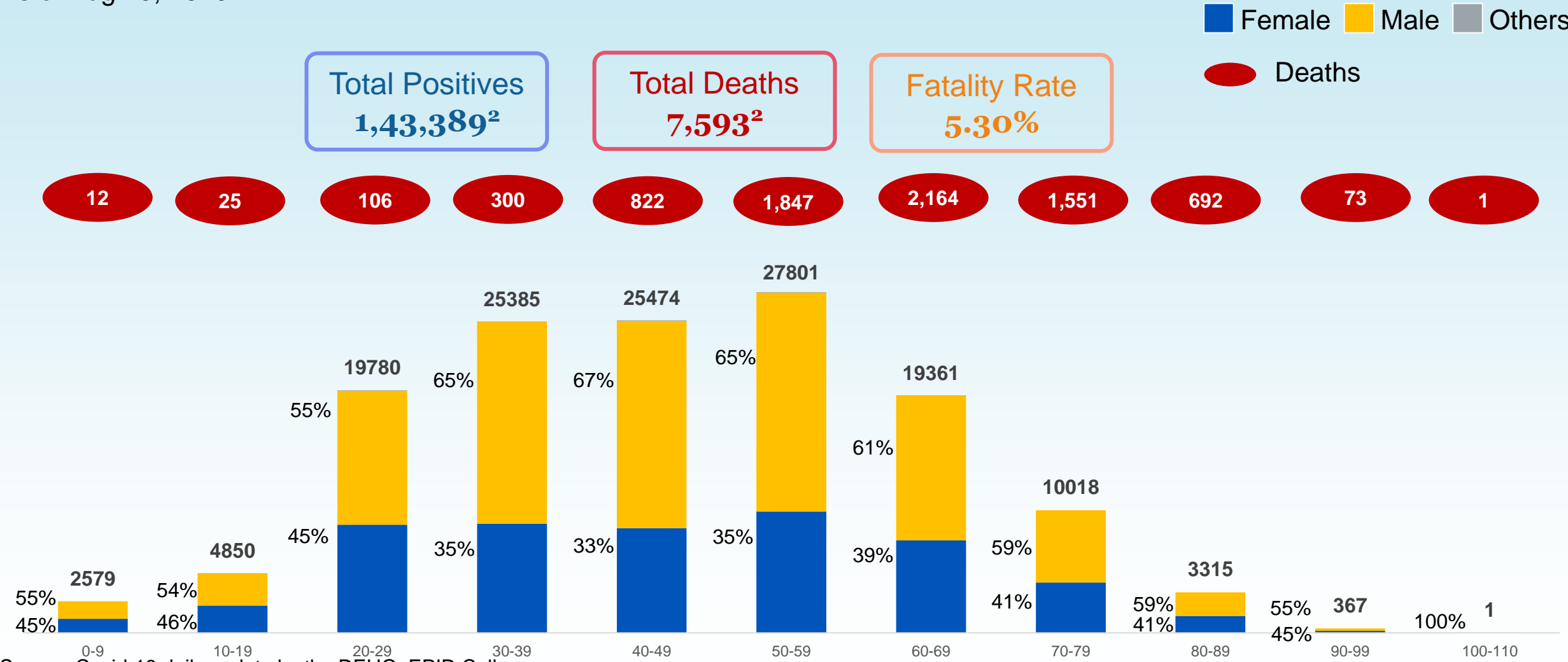
Data subject to change after scrutiny and ongoing verification process





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

As of Aug 29, 2020<sup>1</sup>



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

1 Total Age and sex-wise break up is available 1,38,931 cases; age-wise breakup of deaths available for 7,593 cases

2 As on Aug 29

Due to reconciliation on ICMR portal 142 Cases are removed from progressive positive cases.

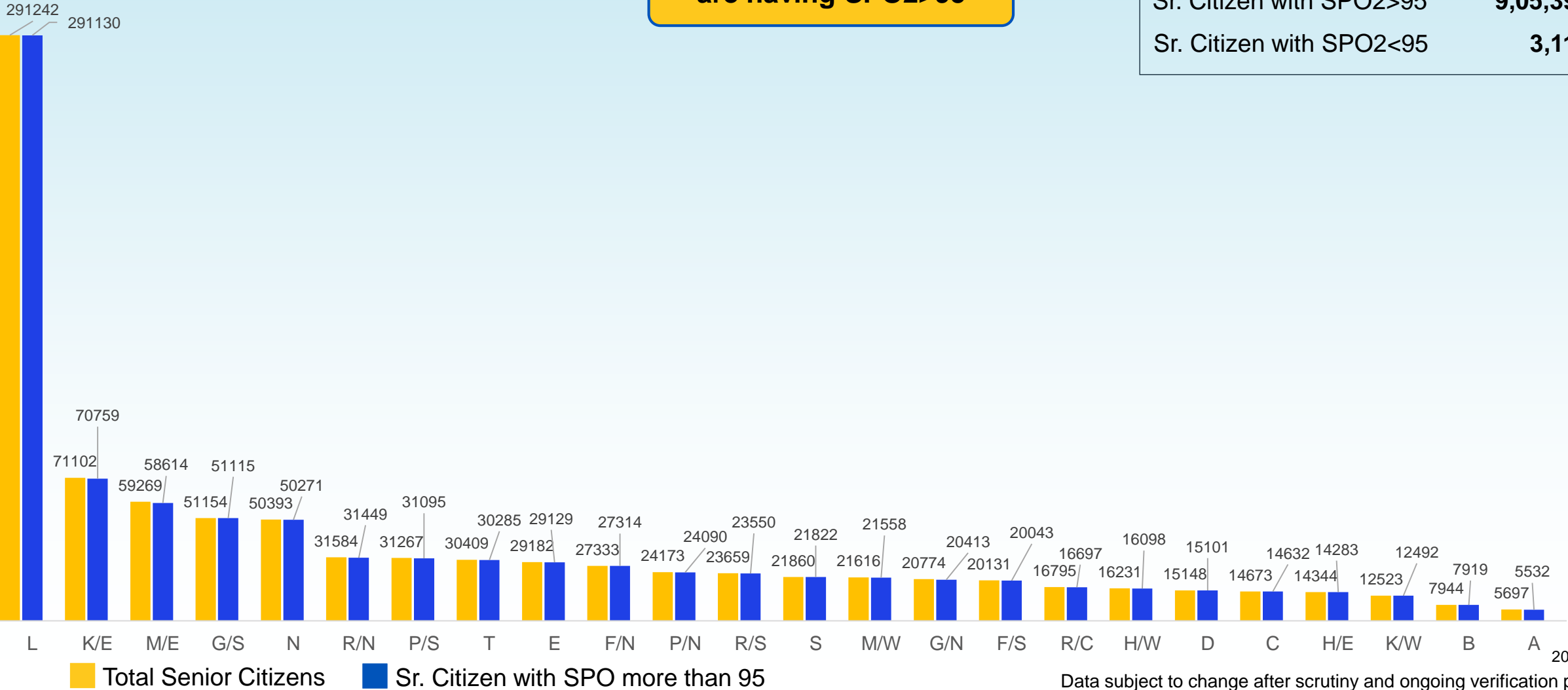


# Proactive screening of elderly to protect them and contain mortality

Ward-wise data(progressive) till Aug 29, 2020

**99.6% of Senior Citizens are having SPO2>95**

Population Screened till date	1,72,25,210
Total Senior Citizens till date	9,08,503
Sr. Citizen with SPO2>95	9,05,391
Sr. Citizen with SPO2<95	3,112





# Proactive screening of elderly to protect them and contain mortality

Ward-wise data for Aug 29, 2020

Wards	Total No. of Houses Surveyed	Population Covered	Total No. of Senior Citizens	Sr Citizen SPO2>95	* Sr Citizen SPO2<95
<b>Total (Daily)</b>	<b>45,036</b>	<b>166,721</b>	<b>7,020</b>	<b>7,016</b>	<b>4</b>
H/W	643	2,346	96	95	1
M/E	608	2,404	258	257	1
N	2,586	10,062	1,110	1,109	1
T	979	3,206	384	383	1
A	425	1,629	15	15	0
B	352	1,468	43	43	0
C	801	2,467	49	49	0
D	393	1,618	120	120	0
E	1,617	6,765	176	176	0
F/S	1,129	4,644	150	150	0
F/N	424	1,506	251	251	0
G/S	3,311	13,322	333	333	0
G/N	2,429	8,465	150	150	0
H/E	500	2,153	59	59	0
K/E	2,946	10,681	607	607	0
K/W	543	2,229	32	32	0
P/S	833	2,689	133	133	0
P/N	3,437	12,102	257	257	0
R/S	4,803	17,690	191	191	0
R/C	862	3,069	50	50	0
R/N	8,353	27,950	317	317	0
L	4,547	19,337	1,865	1,865	0
M/W	1,001	3,256	224	224	0
S	1,514	5,663	150	150	0

Summary till date

**1,72,25,210**

Total Population covered till date

**9,08,503**

Senior Citizens covered till date

**9,05,391**

Senior Citizens with SPO2>95  
till date

**3,112**

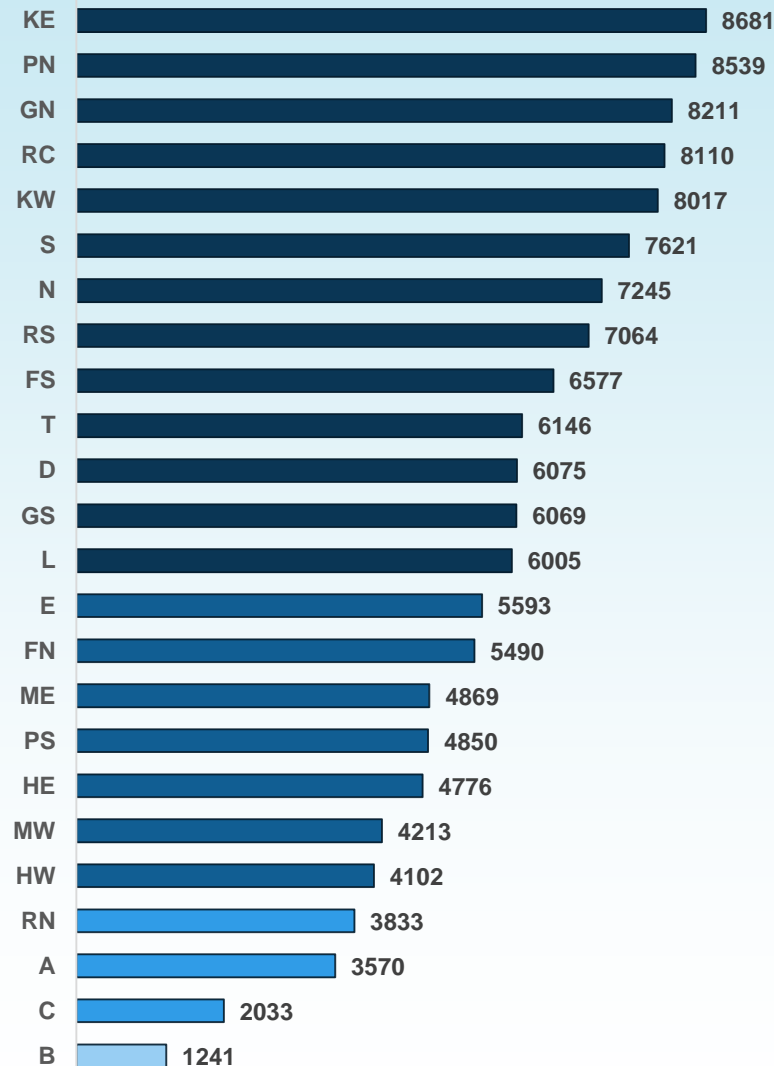
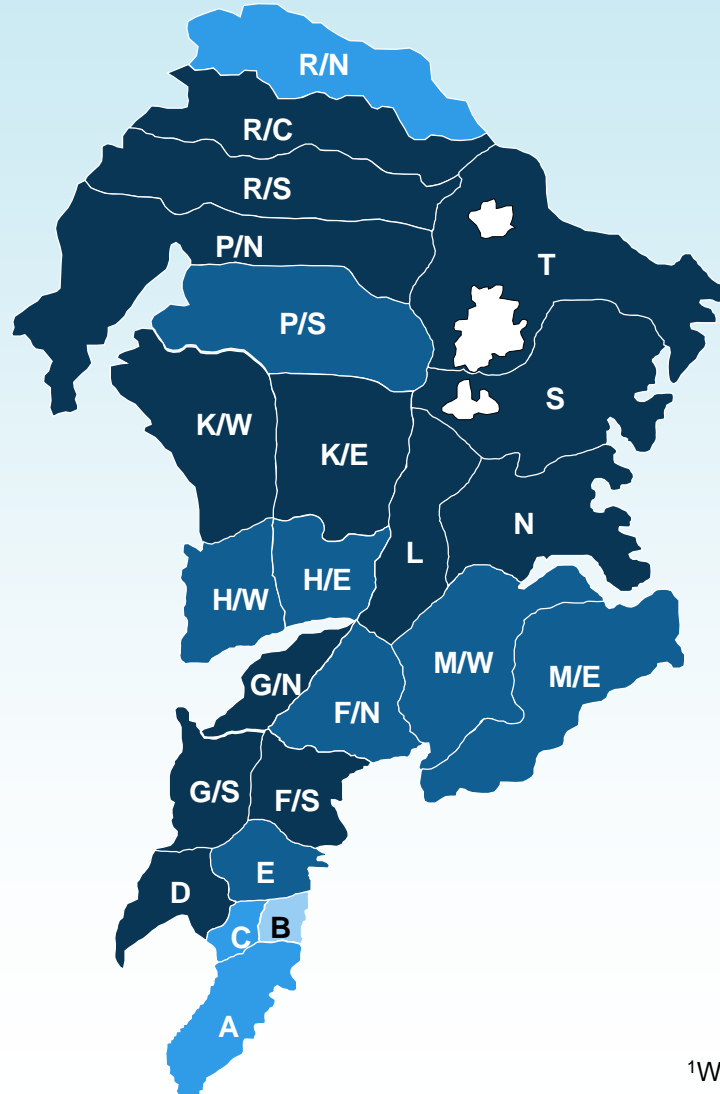
Senior Citizens with SPO2<95  
till date

\* 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 29, 2020



7282	528	871
7330	359	850
6784	497	930
6160	276	1674
6599	324	1094
6345	471	805
6061	409	775
5648	222	1194
5531	363	683
5159	168	819
4956	240	879
5098	407	564
4969	453	583
4651	296	646
4540	307	643
3954	316	599
3856	241	753
3885	353	538
3444	296	473
3234	194	674
3002	154	677
2951	72	547
1693	103	237
1008	92	141
114140	7141	17649

- >6000 cases
- 4001- 6000 cases
- 2001 – 4000 cases
- 0 – 2000 cases

Discharged<sup>2</sup>Deaths<sup>3</sup>

Active

**Total Positives**  
**1,43,389<sup>1</sup>**

**Total Active**  
**17,649<sup>1</sup>**

Active = Positive – Discharges – Death

Due to reconciliation on ICMR portal 142 Cases are removed from progressive positive cases.

<sup>1</sup>Ward-wise breakup is available for 1,38,930 cases (17,649 Active), Total

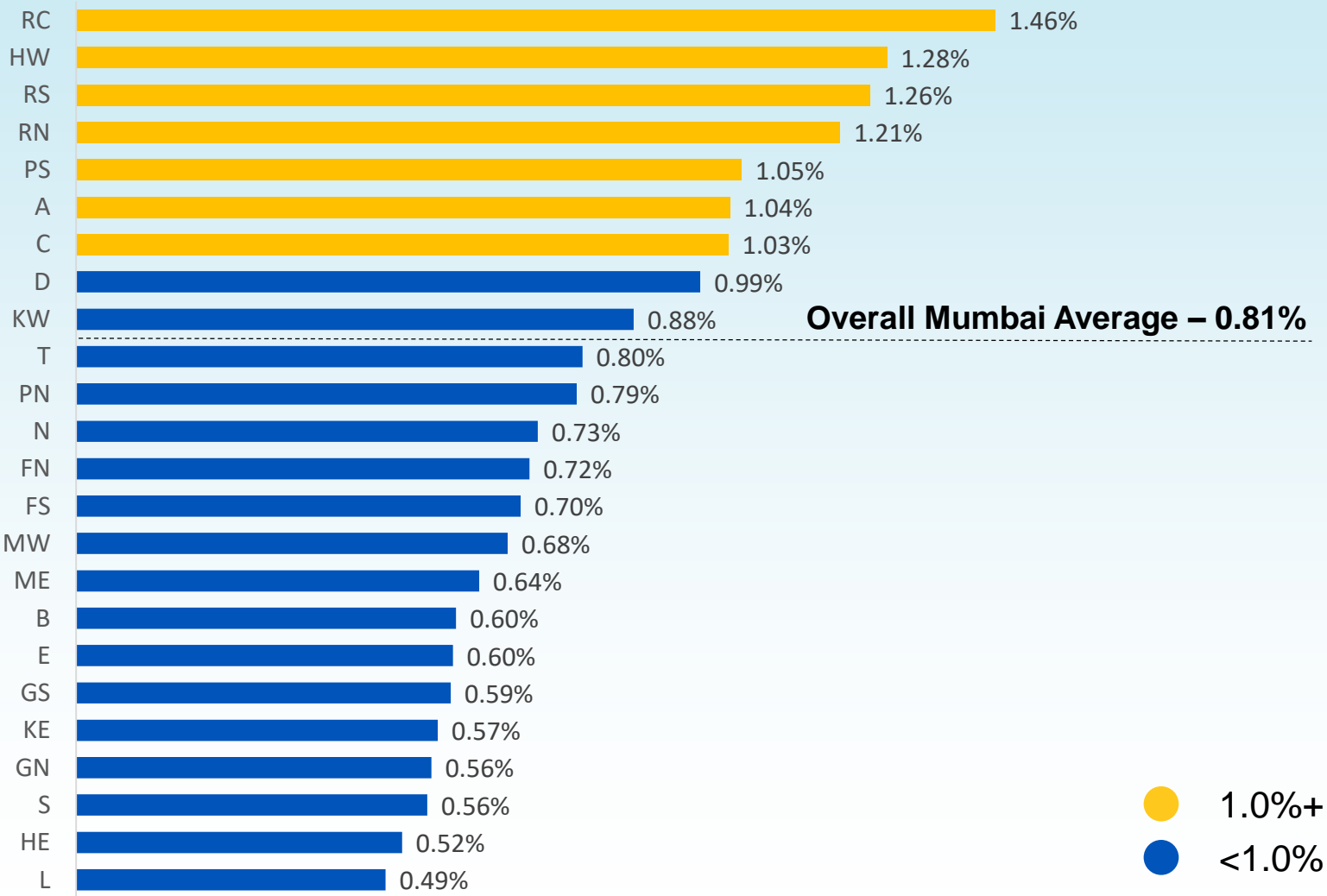
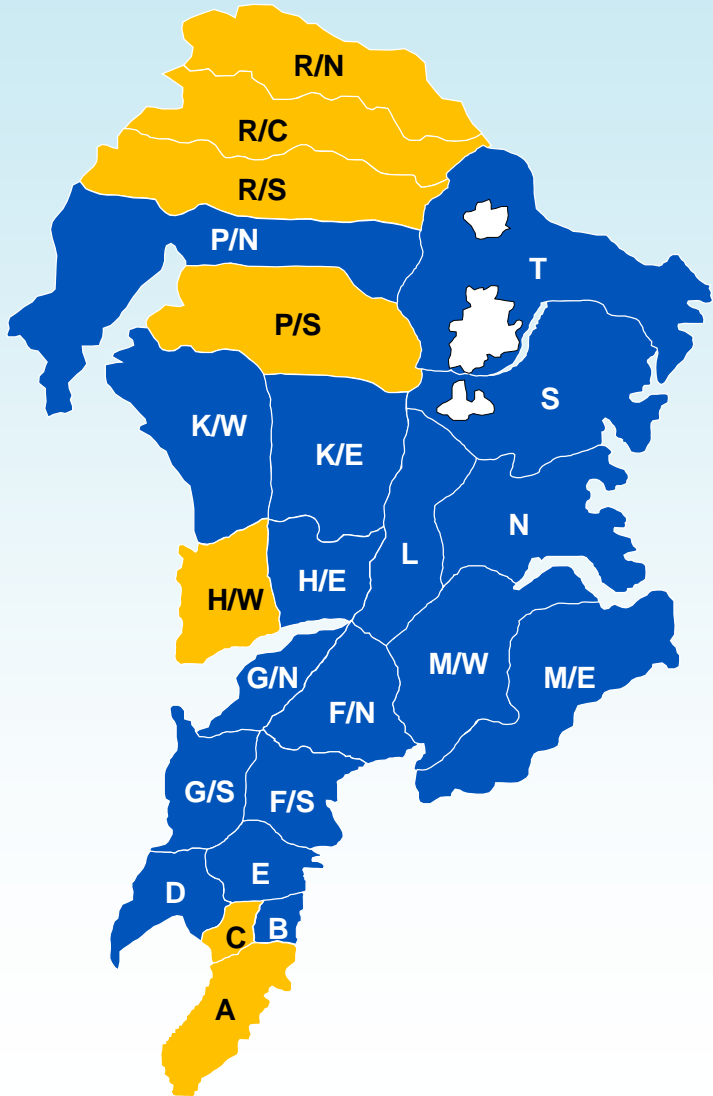
<sup>2</sup>Discharges as on Aug 29, Available for 1,14,140 cases,

<sup>3</sup>Deaths as on Aug 29, Available for 7,141 cases

Ward wise reconciliation for Discharged, Deaths and Active is on going<sup>22</sup>  
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 29, 2020





# Ward-wise new cases

Positive cases for the last 7 days till Aug 29, 2020<sup>1</sup>

Date of report	RC	HW	RS	RN	PS	A	C	D	KW	T	PN	N	FN	FS	MW	ME	B	E	GS	KE	GN	S	HE	L	Grand Total
Area>>>	Borivali	Bandra	Kandivali	Dahisar	Goregaon	Colaba	Marine Lines	Grant Road	Andheri W	Mulund	Malad	Ghatkopar	Matunga	Parel	Chembur W	Chembur E	Sandhurst Road	Byculla	Elphinstone	Andheri E	Dadar	Bhandup	Khar	Kurla	
As on 22nd Aug	7331	3752	6473	3524	4507	3322	1892	5671	7539	5812	8080	6885	5222	6262	4017	4657	1190	5365	5823	8341	7895	7331	4607	5803	131301
23-Aug	77	50	59	24	50	43	25	45	35	53	64	37	49	42	24	20	5	30	30	29	31	40	29	28	919
24-Aug	61	18	62	21	34	17	13	32	70	30	35	35	24	24	13	30	7	25	29	35	33	12	13	15	688
25-Aug	38	14	60	25	23	11	9	40	29	31	30	22	18	27	14	16	4	20	11	15	17	25	21	17	537
26-Aug	178	82	129	83	73	70	23	86	131	74	79	76	47	63	43	59	6	57	44	67	72	67	30	32	1671
27-Aug	161	54	130	59	57	37	16	82	80	36	77	59	41	47	41	24	7	34	43	59	48	43	26	34	1295
28-Aug	128	56	76	46	37	33	22	58	68	59	88	46	41	51	31	35	13	19	49	56	60	50	23	35	1180
29-Aug	136	76	75	51	69	37	33	61	65	51	86	85	48	61	30	28	9	43	40	79	55	53	27	41	1339
As on 29th Aug	8110	4102	7064	3833	4850	3570	2033	6075	8017	6146	8539	7245	5490	6577	4213	4869	1241	5593	6069	8681	8211	7621	4776	6005	138930
Days to double	48	54	56	58	66	67	68	71	79	87	88	95	97	99	102	109	116	117	117	121	124	125	135	142	86

**Wards <= 65 days to double**

- Ward RC
- Ward HW
- Ward RS
- Ward RN

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 29, 2020. This line list reflects updates to the cases for prior dates as well. Source: Covid-19 daily update by the DEHO, EPID Cell



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

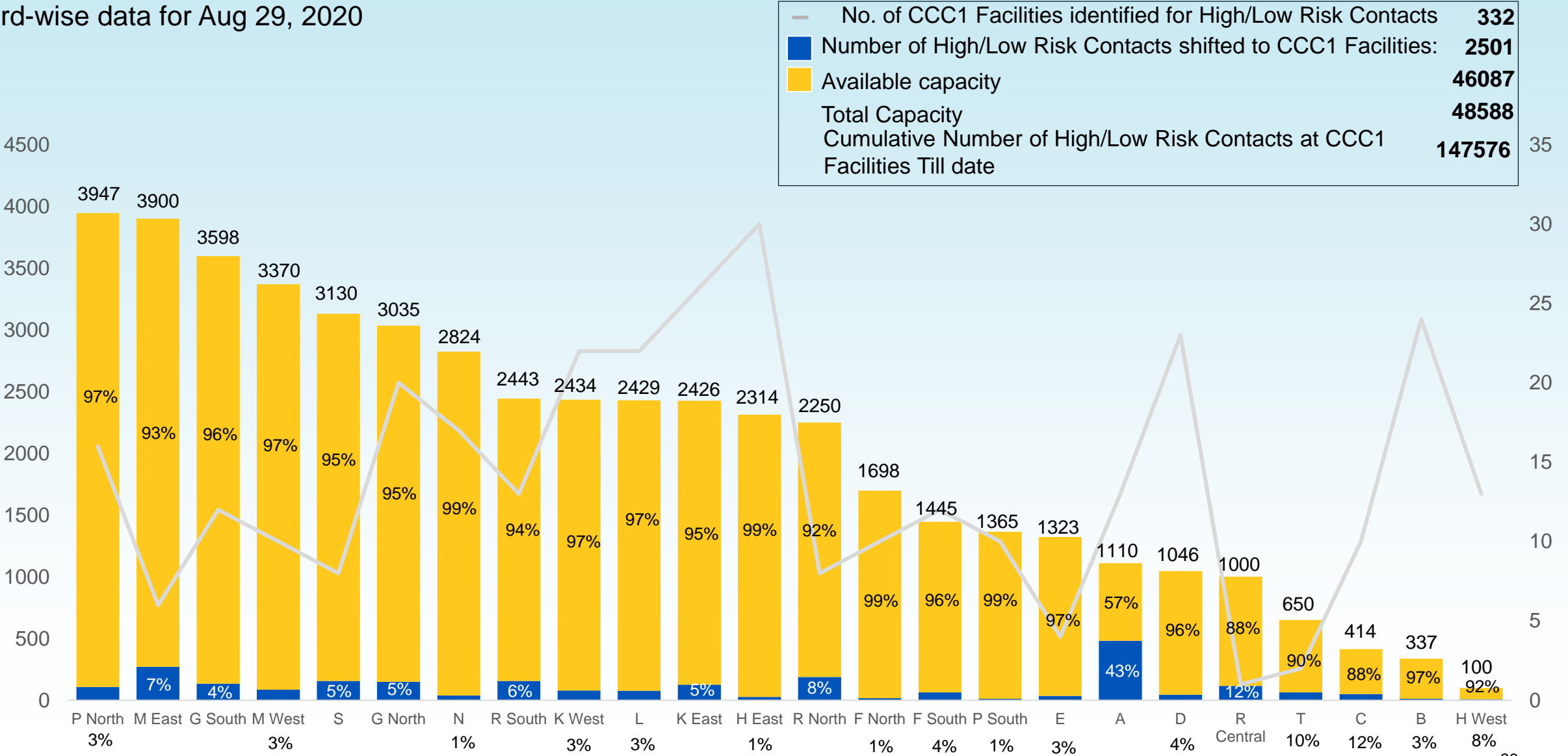
**Bed Capacity**

Other initiatives



# Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Aug 29, 2020



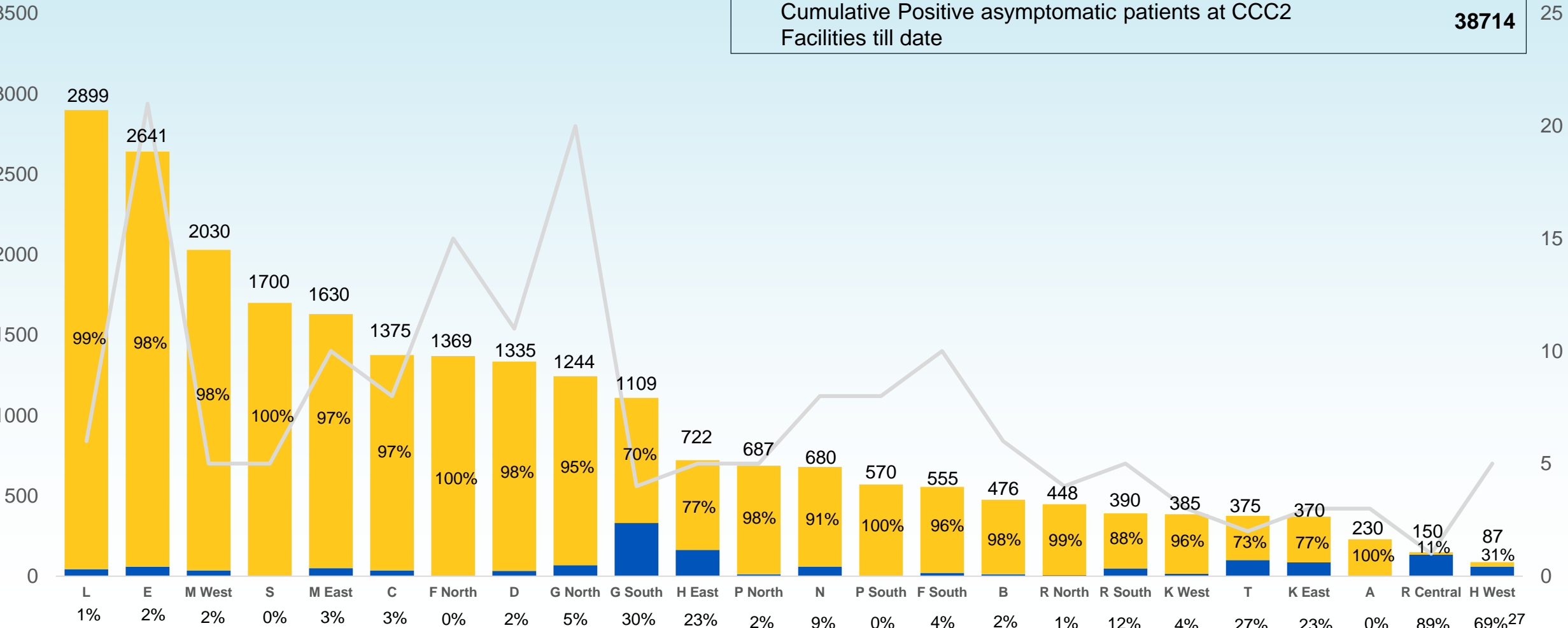
Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators



# Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Aug 29, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	173
Number of positive asymptomatic patients shifted to CCC2 Facilities	1370
Available capacity	22087
Total Capacity	23457
Cumulative Positive asymptomatic patients at CCC2 Facilities till date	38714



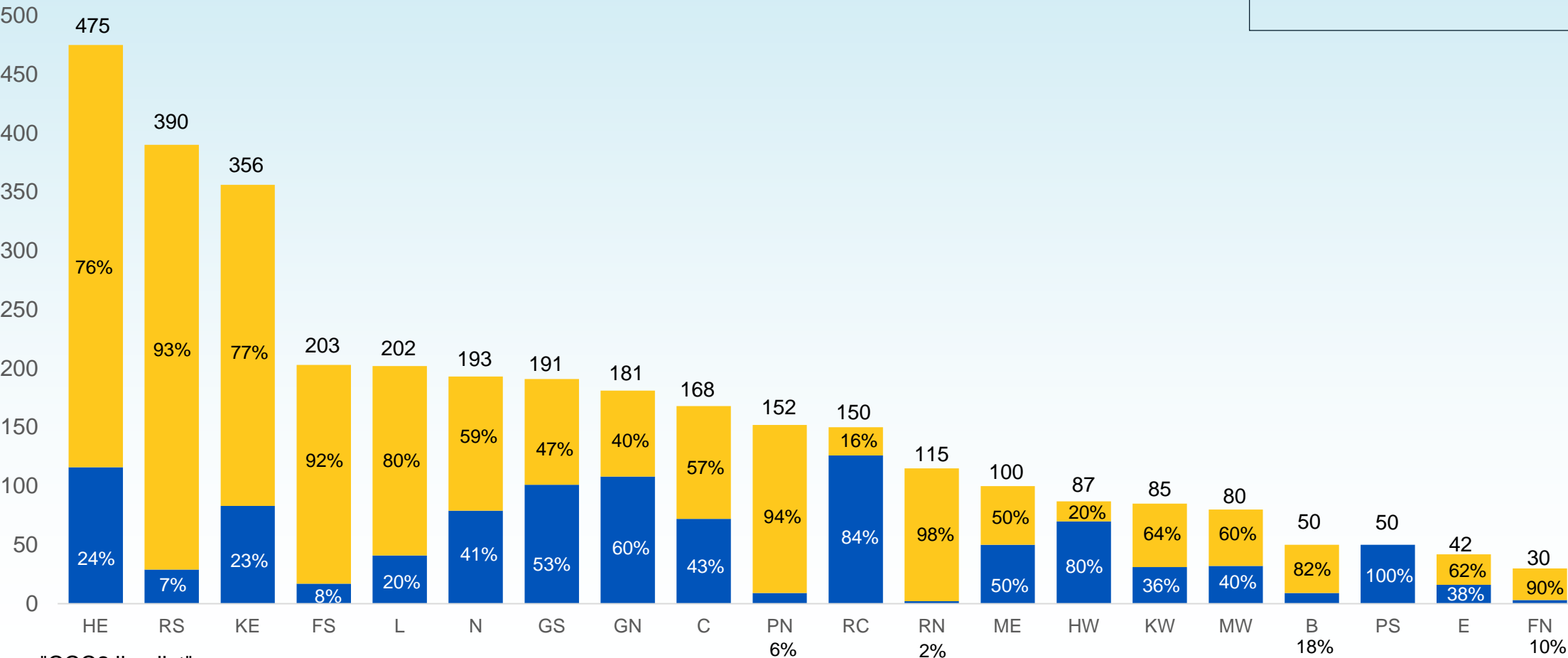
Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators



# Ward-wise bifurcation of CCC2 ACTIVE facilities

Ward-wise data for Aug 29, 2020

Beds occupied	1044
Available capacity	2256
Total capacity	3300
Cumulative patients till date	34730

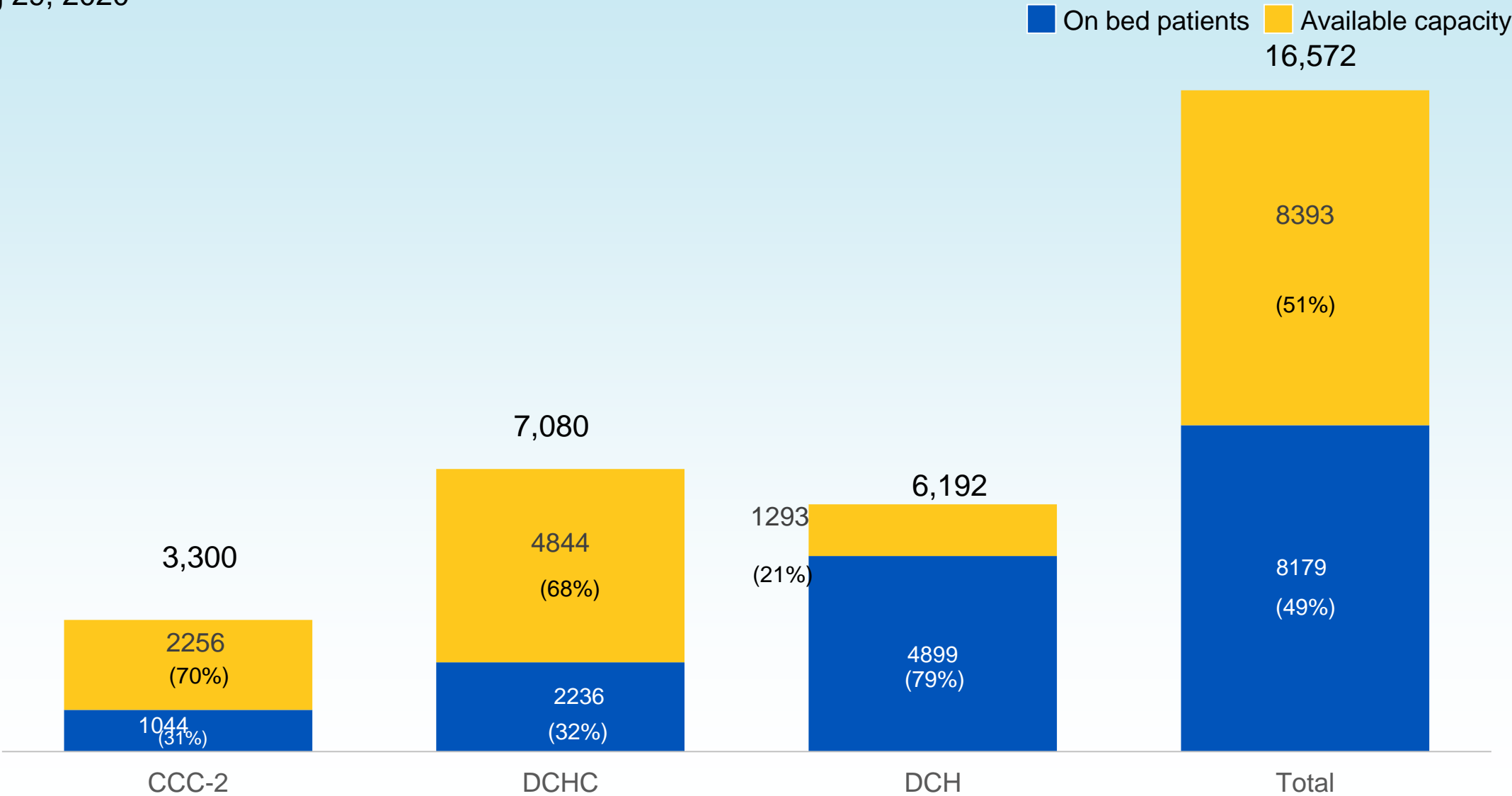


Source: "CCC2 line list"



# Summary of total bed capacity

As of Aug 29, 2020



Source: At a glance facilities & DMU dashboard

# Covid19 Bed Management

Data as on 01:00 PM, Aug 30, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
<b>Total</b>	<b>13,272</b>	<b>7,135</b>	<b>6,137</b>
ICU Beds	1,415	1,211	204
Regular	1,371	1,181	190
Modular	10	9	1
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	11,857	5,924	5,933
Quarantine for Suspect	968	492	476
Isolation for Positives	10,485	5,253	5,232
Pregnancy	237	66	171
Others (Cancer + Dialysis)	167	113	54
<i>O2 Beds*</i>	8,662	4,367	4,295
<i>Ventilators*</i>	933	805	128

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

# Summary of total bed capacity

Data as on 01:00 PM, Aug 30, 2020 , Subject to change

			COVID Beds				
			Total	ICU Beds	Normal Beds	O2 Beds*	Ventilators*
Capacity	Total		13,272	1,415	11,857	8,662	933
	Public	Hospitals	4,921	647	4,274	2,856	517
		Jumbo	6,067	244	5,823	4,357	146
	Pvt	Hospitals	2,284	524	1,760	1,449	270
Occupancy	Total		7,135	1,211	5,924	4,367	805
	Public	Hospitals	3,386	595	2,791	2,083	481
		Jumbo	1,879	147	1,732	1,128	69
	Pvt	Hospitals	1,870	469	1,401	1,156	255
Vacancy	Total		6,137	204	5,933	4,295	128
	Public	Hospitals	1,535	52	1,483	773	36
		Jumbo	4,188	97	4,091	3,229	77
	Pvt	Hospitals	414	55	359	293	15

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



## Key Trends

Contact tracing and home quarantine

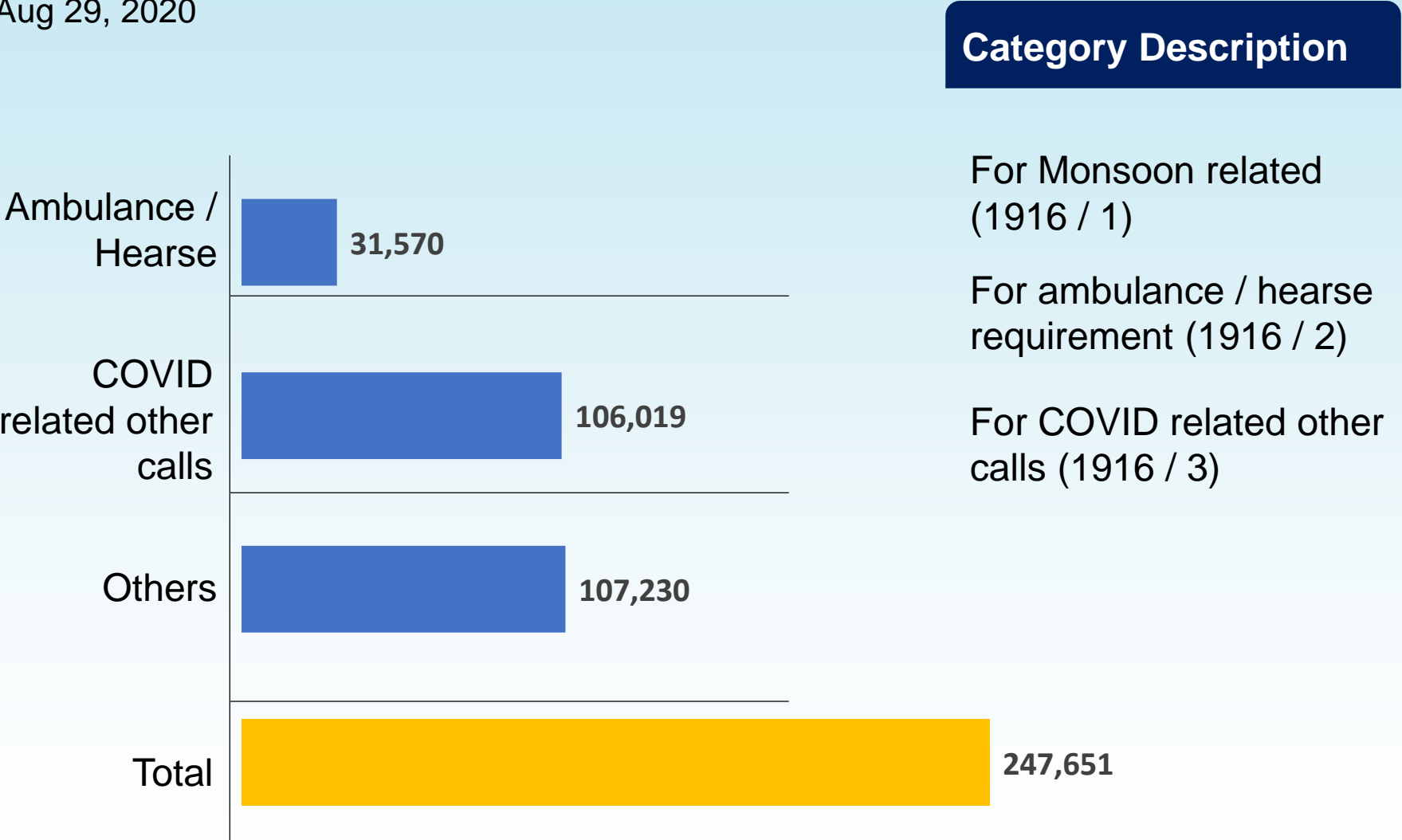
Status of COVID19 Positive Cases

Bed Capacity

**Other initiatives**

# Call Center update

For all calls received from April 24 to Aug 29, 2020



# Management of Waste from Quarantined Areas

## August 27, 2020



### Waste Collected (in Kgs)

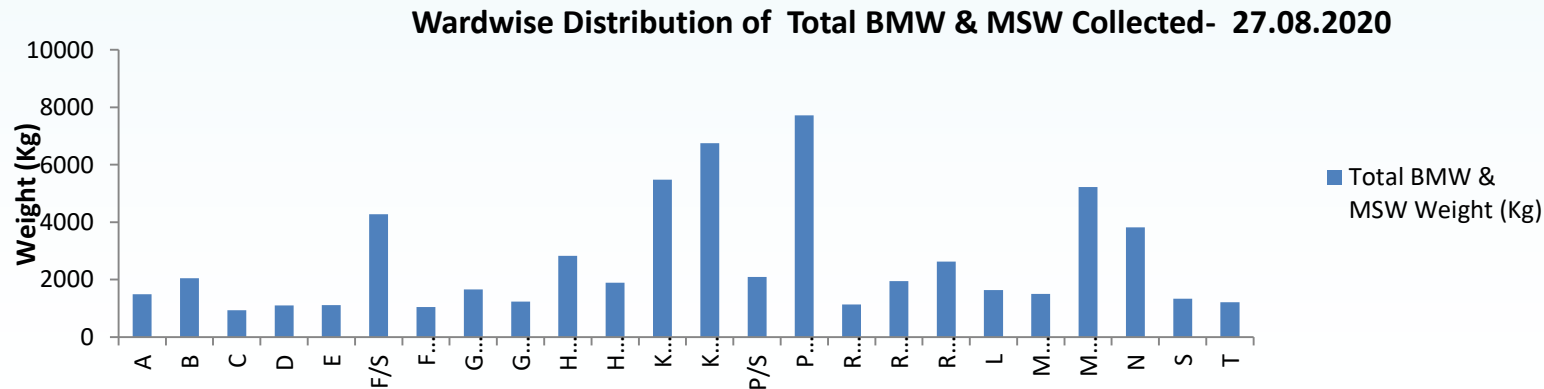
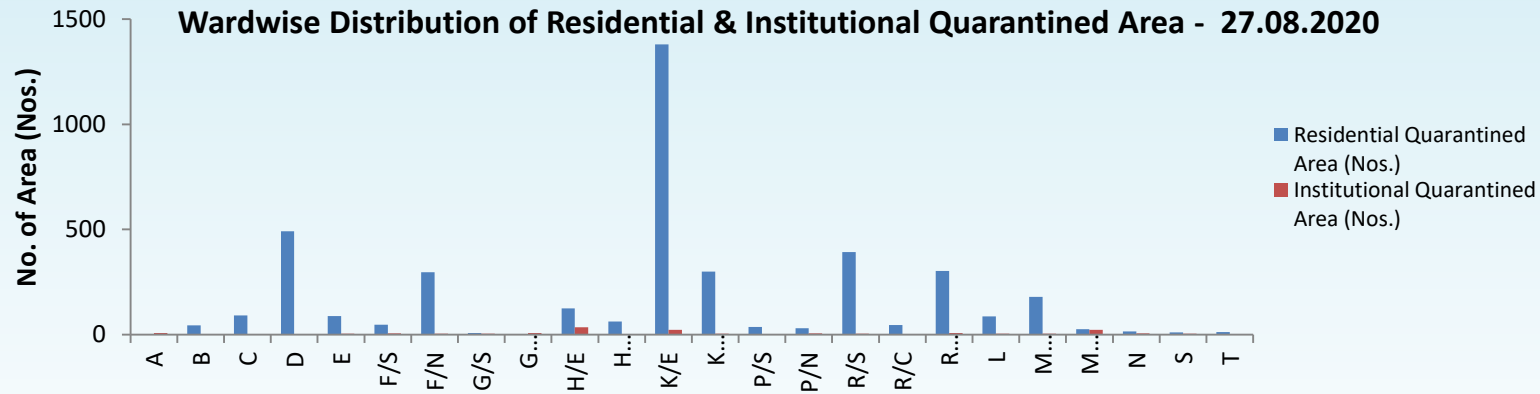
COVID BMW (in Kgs)  
**6929**

MCGM Quarantine BMW (in Kgs)  
**3121**

Total BMW (in Kgs):  
**10,050.0**

Total MSW Collected by MCGM from Quarantined Area (in Kgs):  
**62,087.0**

Total MSW & BMW Collected by MCGM from Quarantined Area(in Kgs): **72,137**





# Thank you

