

# BMC Covid-19 Response War Room Dashboard

Sep 06, 2020



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# Mumbai COVID19 status at a glance

As of Sep 05, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 01:00 PM, Sep 06, 2020)		CCC1 Facilities			Contact Tracing	Past 24hrs	Cumulative			
Total Positive	1,53,712*	Bed Capacity	15,467	Facilities (#)	Bed Capacity	Occupancy	Total Traced	17,633	23,92,379			
		Occupied	8,588				High Risk	7,311	8,70,187			
Discharged	1,22,567	Available	6,879				Low Risk	10,322	15,22,192			
		DCH & DCHC Bed Capacity	12,315	Total	333	46,375	2,362	Total Quarantine Completed		21,71,567		
Deaths	7,829	Occupied	7,449	Active	44	19,164	2,362	Currently in Home Quarantine		2,18,450		
Deaths with Age > 50yrs – 6,550)		Available	4,866	Buffer	17	2,198	-	Others				
				Reserve#	272	25,013	-					
Total Active	22,975	ICU Bed Capacity	1,399	CCC2 Facilities			Senior Citizens Screened till date		9,52,474			
Stable – Asymptomatic	15,307	Occupied	1,247	Facilities (#)	Bed Capacity	Occupancy	Senior Citizens with SPO2 > 95		9,49,342			
Stable - Symptomatic	6,558	Available	152				Total	177	23,579	1,589	Active Containment Zones – Slums & Chawls	568
Critical	1,110						Active	28	4,766	1,589	Active Sealed Buildings	7,099
Tests Done (till date)	8,24,886	O2 Bed Capacity	7,836	Buffer	13	2,474	-	Calls Centre Calls Flow		2,55,506		
		Occupied	4,547	Reserve#	136	16,339	-					
% of Positive (till date)	18.63	Available	3,289	# Facilities that have been deactivated and can be used as per need								
		Ventilator Bed Capacity	931									
		Occupied	847									
		Available	84									

## Ward wise positive cases

Wards	RC	RS	HW	RN	T	PS	D	KW	C	N	PN	A	FN	KE	GN	S	HE	ME	MW	E	FS	GS	L	B	Overall
Positive Cases	8945	7741	4481	4179	6704	5273	6570	8694	2175	7781	9146	3812	5853	9187	8677	8072	4980	5120	4414	5874	6880	6347	6279	1290	Mumbai
Days to double	47	52	53	53	55	57	59	60	68	68	70	72	76	83	86	86	96	96	96	102	102	104	108	116	71

1 Ward-wise break up is as on Sep 05, 2020, available for 1,48,474 cases

\*Due to reconciliation on ICMR portal 47 duplicates Cases are removed from progressive positive cases.

Data subject to change after scrutiny 2 and ongoing verification process



## Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

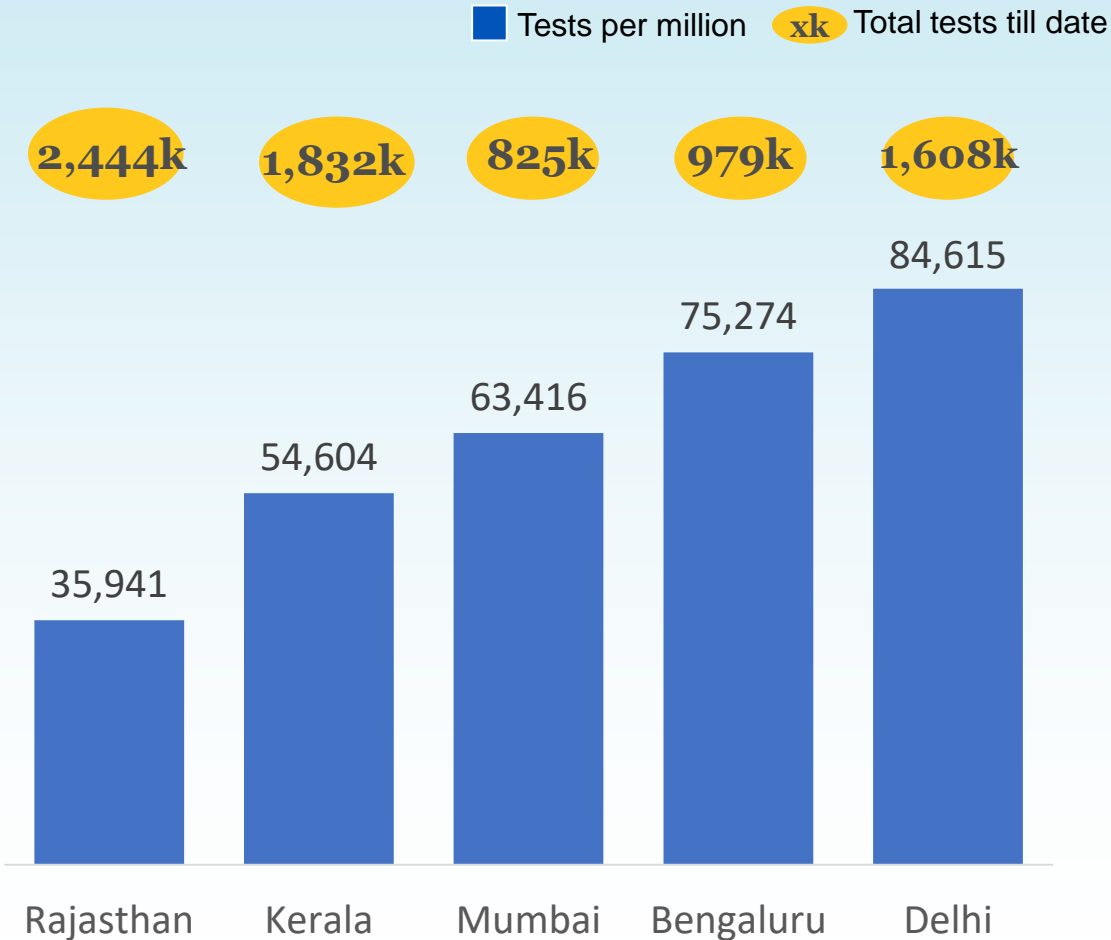
Bed Capacity

Other initiatives

# Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Sep 5, 2020

## Tests per million



Source: Government COVID bulletins as of Sep 5 2020

\* Data as of Sep 2 2020

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

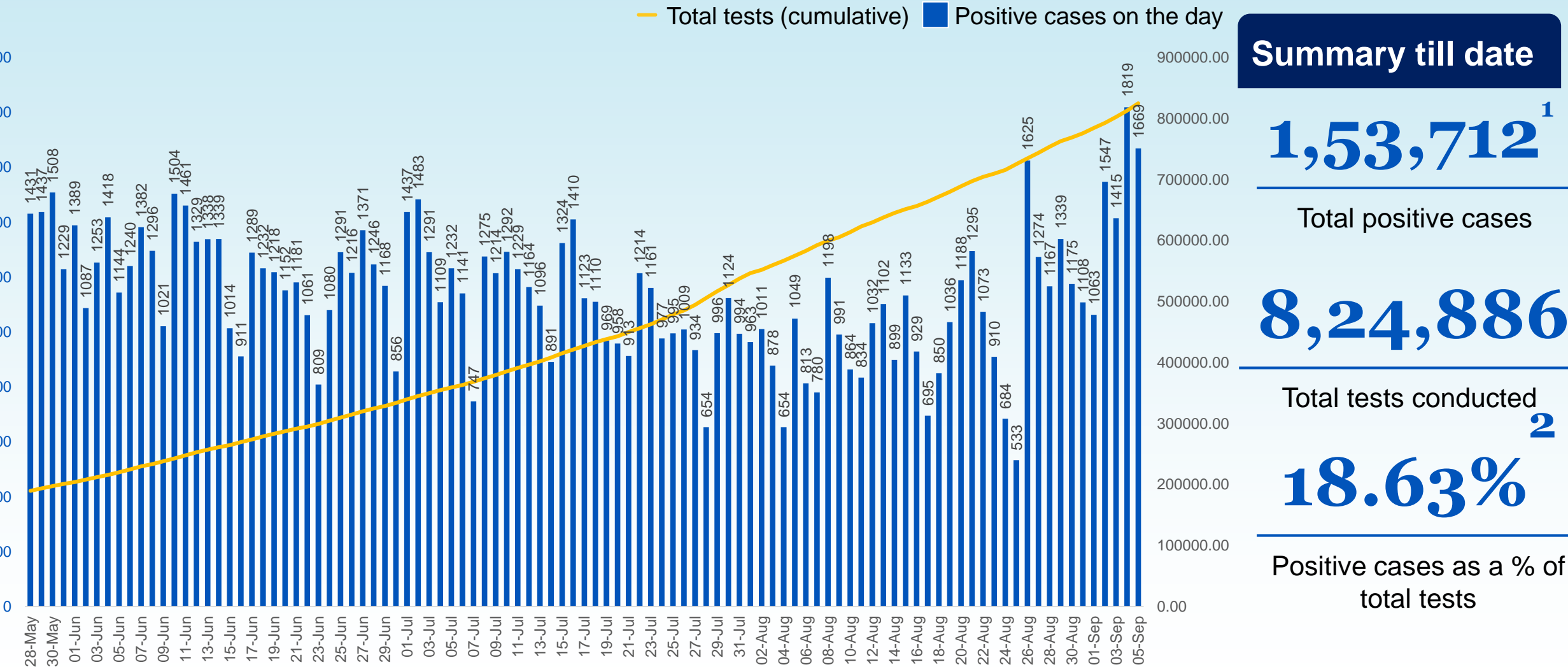
State	Cases	Tests	Tests per million
Bengaluru	1,41,644	9,78,563	75,274
<b>Mumbai</b>	<b>1,53,712</b>	<b>8,24,886</b>	<b>63,416</b>
Delhi*	1,77,060	16,07,685	84,615
West Bengal	1,77,701	21,12,185	23,410
Gujarat	1,02,844	27,06,441	43,652
Kerala	84,759	18,32,275	54,604
Maharashtra	8,83,862	46,55,545	37,679
Rajasthan	90,089	24,43,995	35,941
Tamil Nadu	4,57,697	51,30,741	1,53,671





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

Based on date of reporting, from Feb 03, 2020 to Sep 05, 2020



Summary till date

1,53,712<sup>1</sup>

Total positive cases

8,24,886

Total tests conducted

18.63%<sup>2</sup>

Positive cases as a % of total tests

1 Total Positive cases as on Sep 05, Total cases as of Sep 05 as per line list is 1,48,474

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

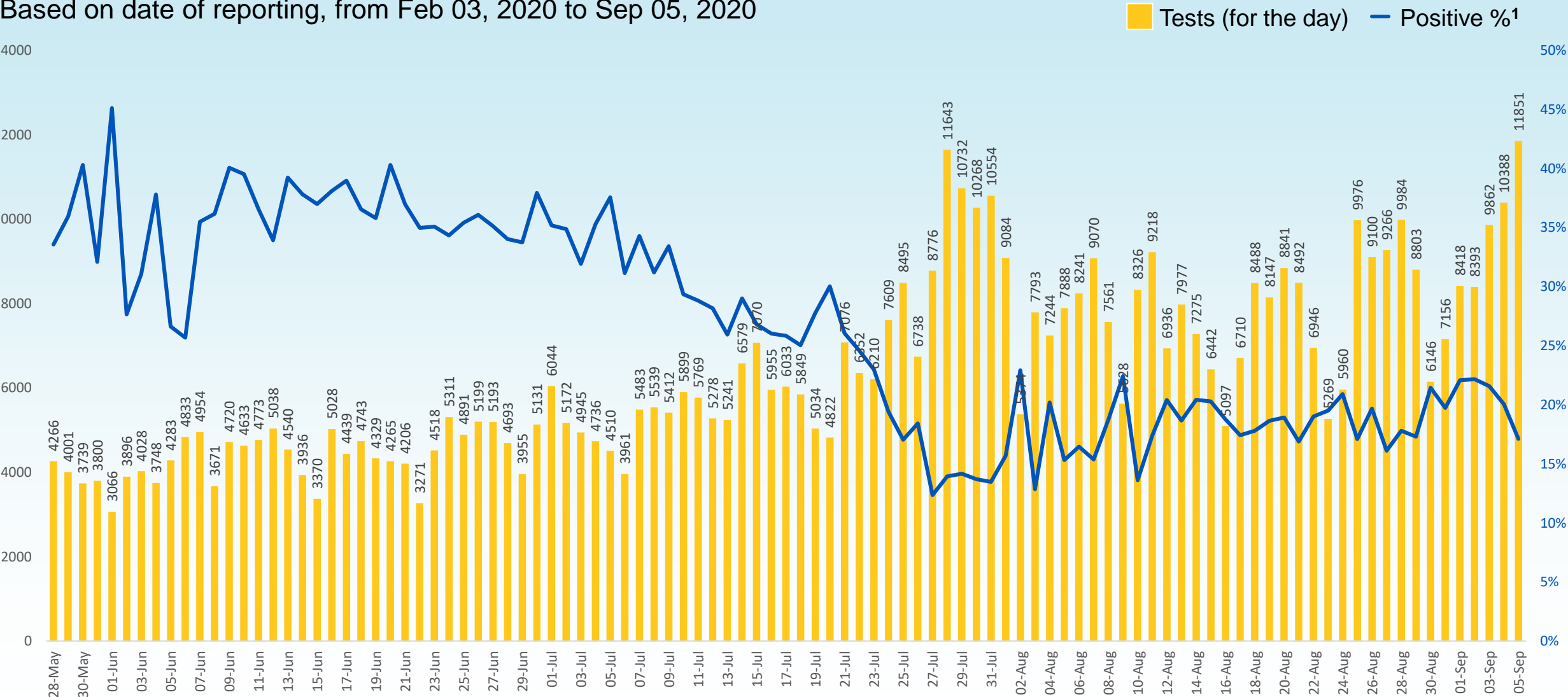
Source: Covid-19 daily update by the Public Health Department, BMC

\*Due to reconciliation on ICMR portal 47 duplicates 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

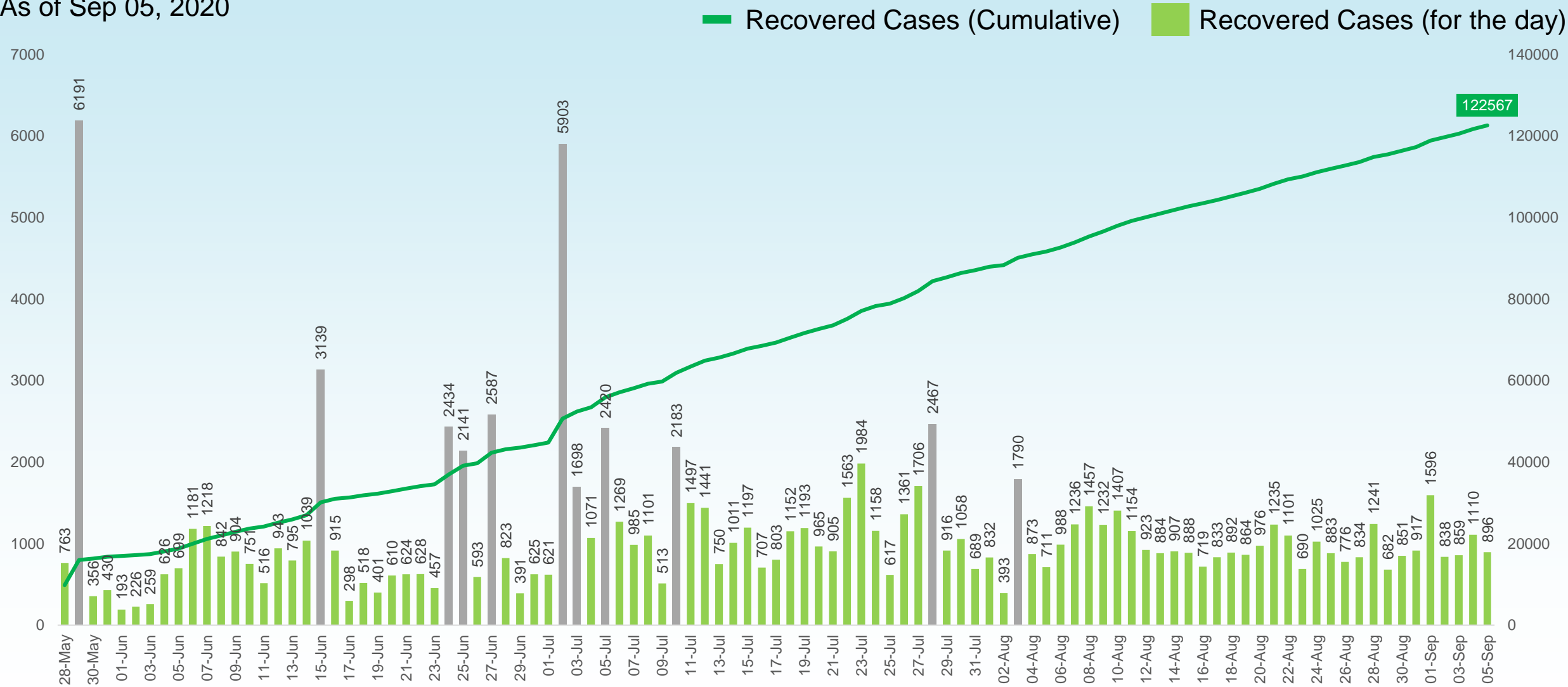
Based on date of reporting, from Feb 03, 2020 to Sep 05, 2020



¹Positive samples for the day as a % of total tests for the day;  
 Positive Samples include duplicates with ICMR (~9%) and Out of Mumbai Cases (3%)  
 Source: Covid-19 daily update by the Public Health Department, BMC

# Trend of Recovered Cases

As of Sep 05, 2020

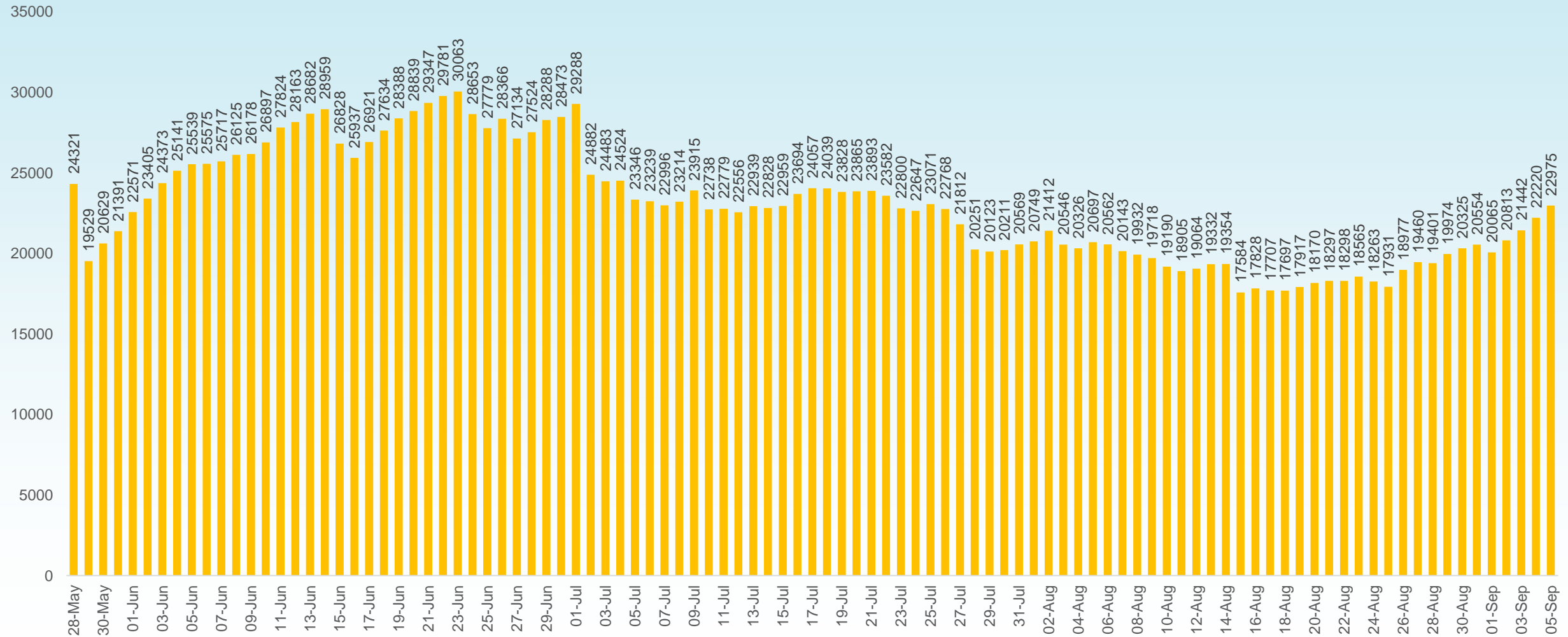


<sup>1</sup>Spikes refer to reconciliation and updation for previous days

# Trend of Active Cases

As of Sep 05, 2020

Active Cases (Cumulative)

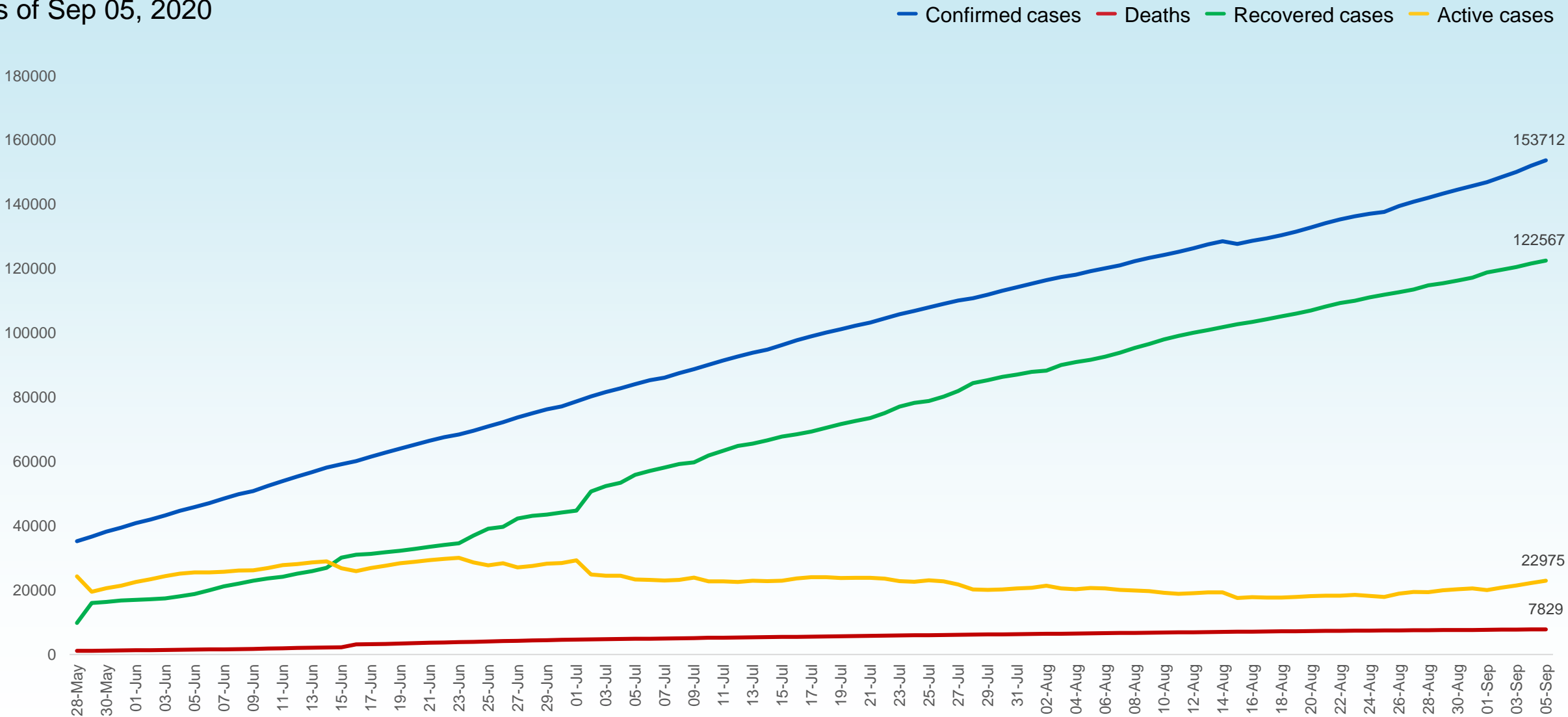






# Case summary for Mumbai

As of Sep 05, 2020



\*Due to reconciliation on ICMR portal 47 duplicates  
Cases are removed from progressive positive cases.  
Data subject to change after scrutiny and ongoing verification process



## Key Trends

**Contact tracing and home quarantine**

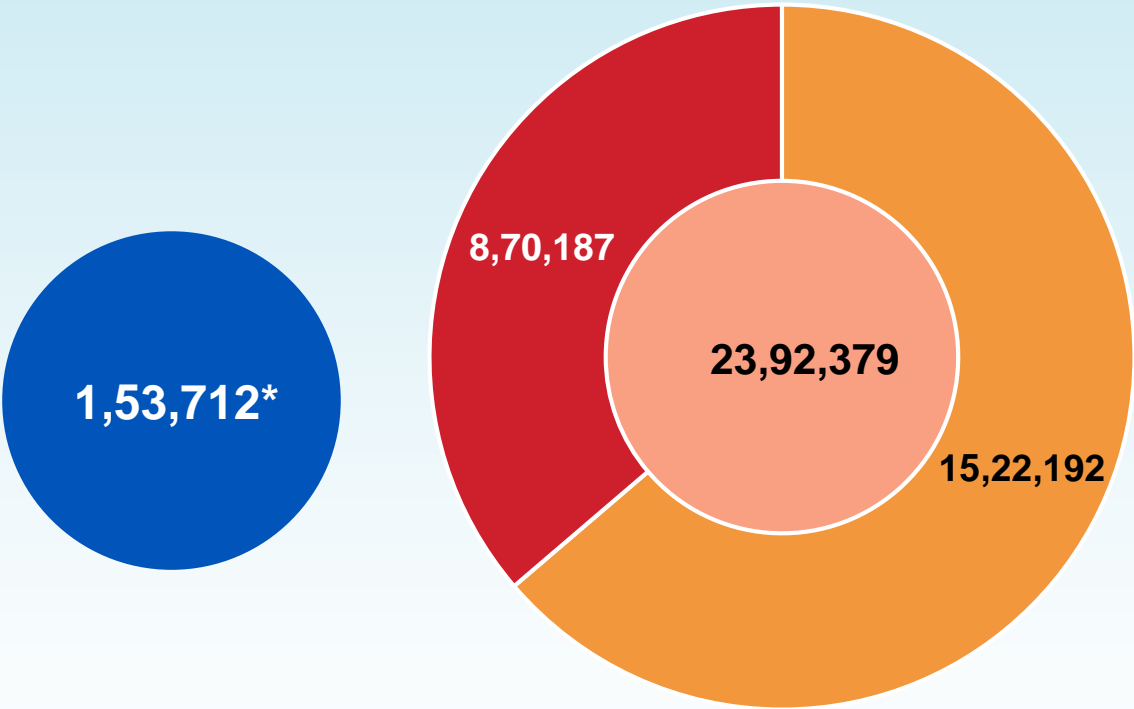
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

# Update on contact tracing

Summary as of Sep 5, 2020



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

Positive patients

Contacts traced

21,71,567

Completed quarantine

2,18,450

In home quarantine,

2,362

Currently at institutional quarantine facilities

1,49,621

Shifted to institutional quarantine facilities till date

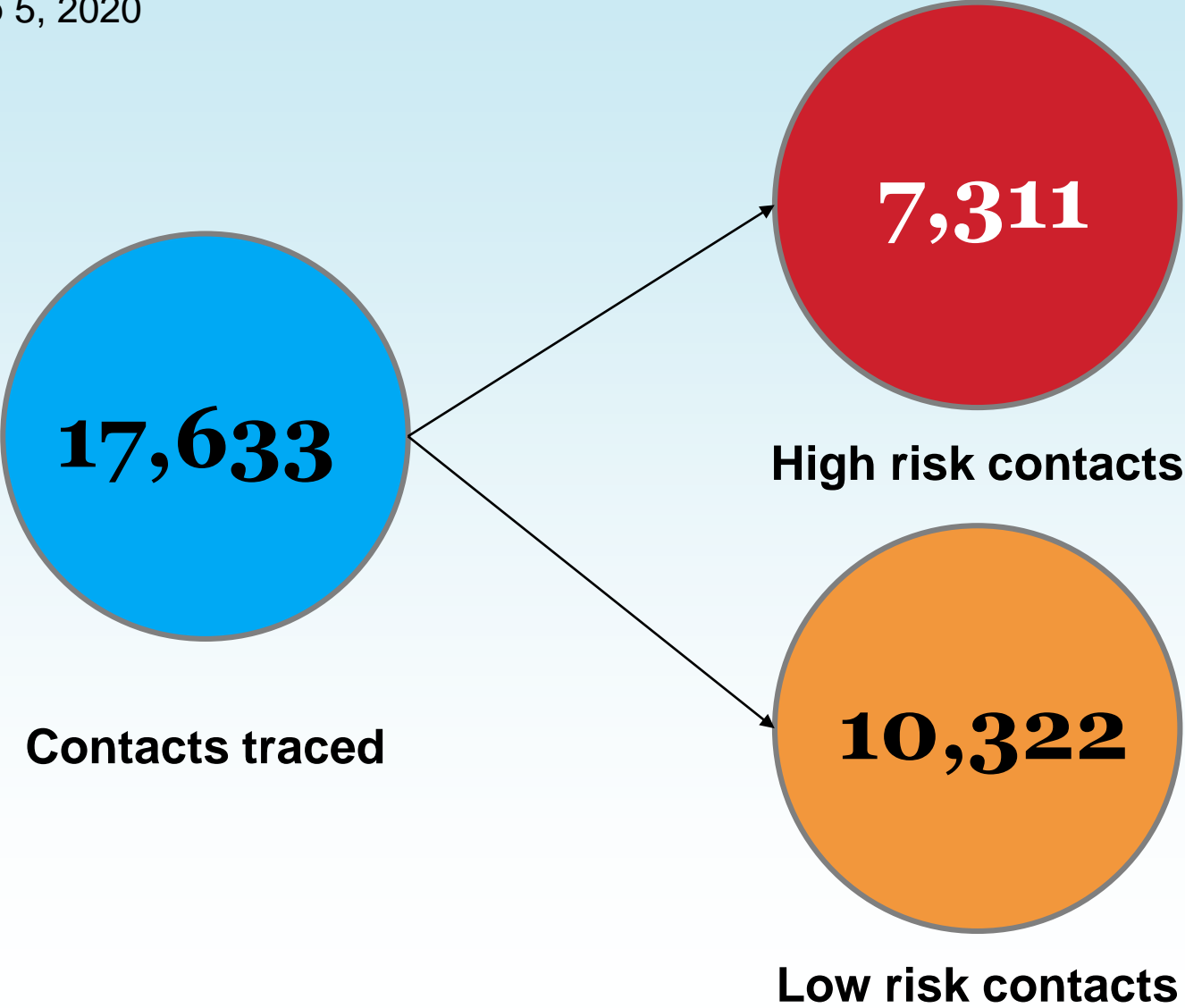
Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 5, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

\*Due to reconciliation on ICMR portal 47 duplicates 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 Sep 5, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 5, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



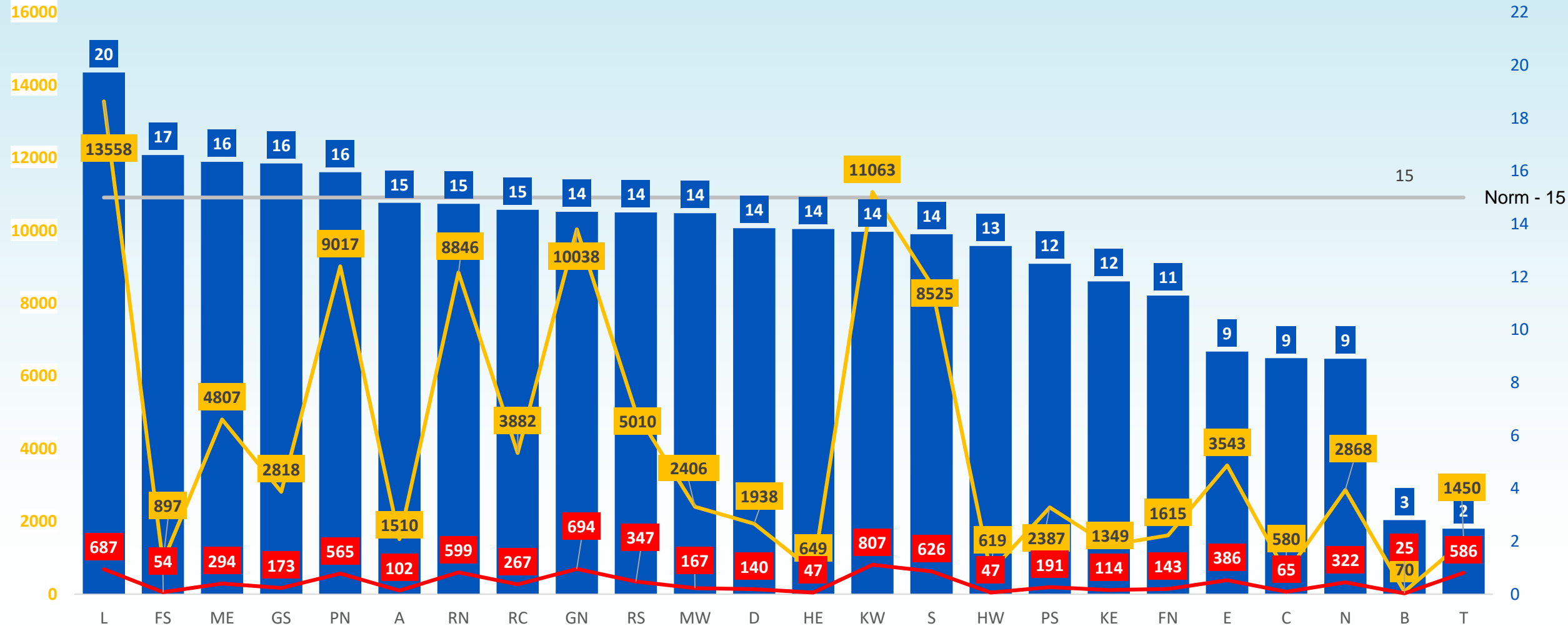
# Chase the virus: High Risk Contacts for Index Cases in Slums

As of Sep 05, 2020<sup>1</sup>

Positive cases from slums (Not being high risk contacts of earlier cases)<sup>(1)</sup>  
Total – 7,448\*

No of high risk contacts sent to institutional facilities  
Total – 99,445\*

No of high risk contacts **per positive cases** in (1) sent to institutional facilities  
Total Ratio - 13



\* Data for Ward ME, Ward RS, Ward RN is updated as of Sep 04 and Ward T is updated as of Aug 29

<sup>1</sup> Data since June 03, 2020; Source – Operation – Chase the virus

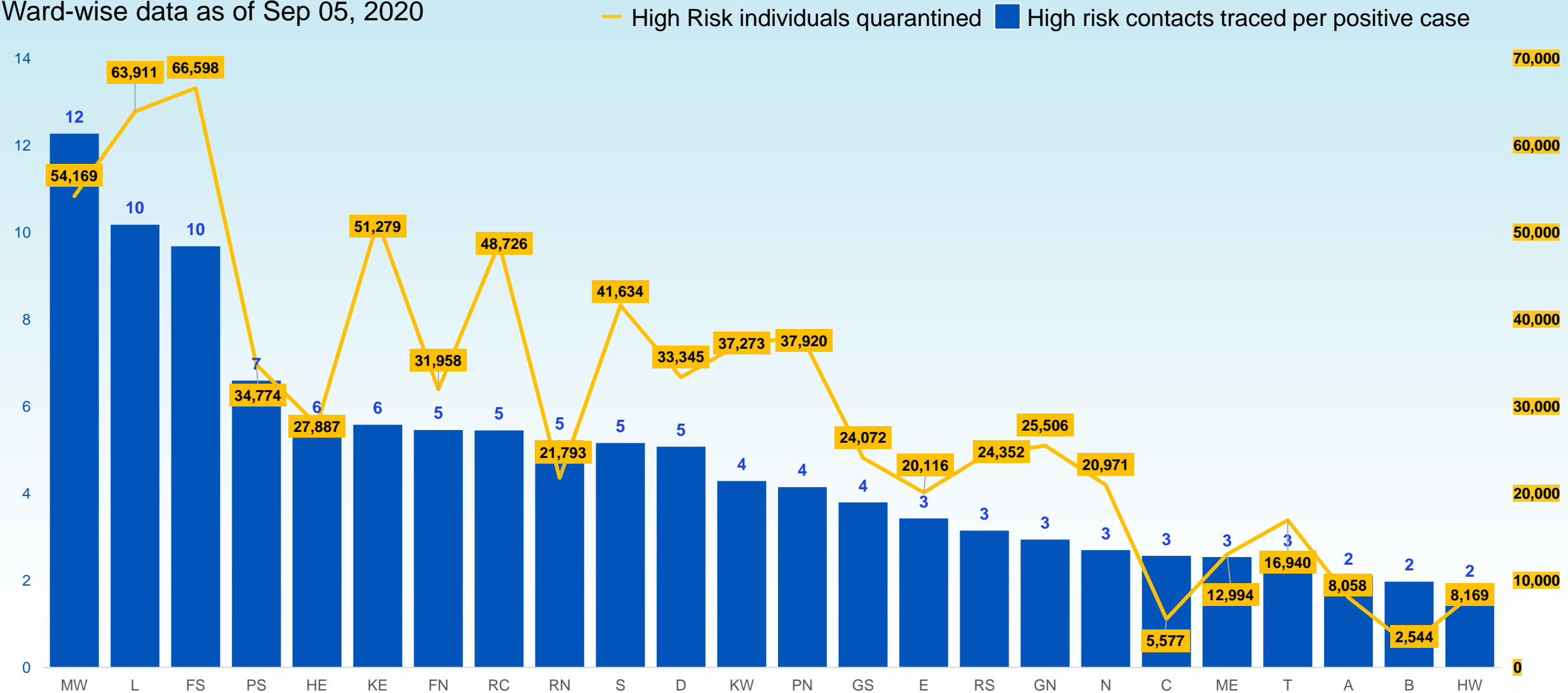
Data subject to change after scrutiny and ongoing verification process

13

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



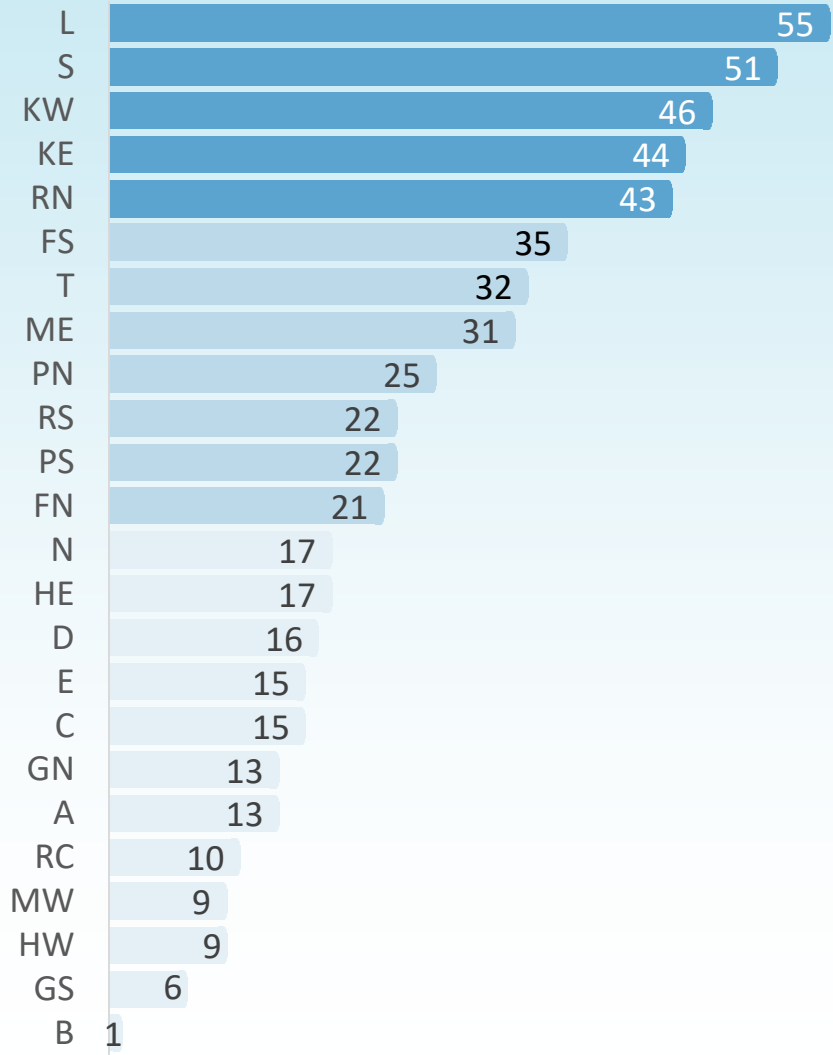
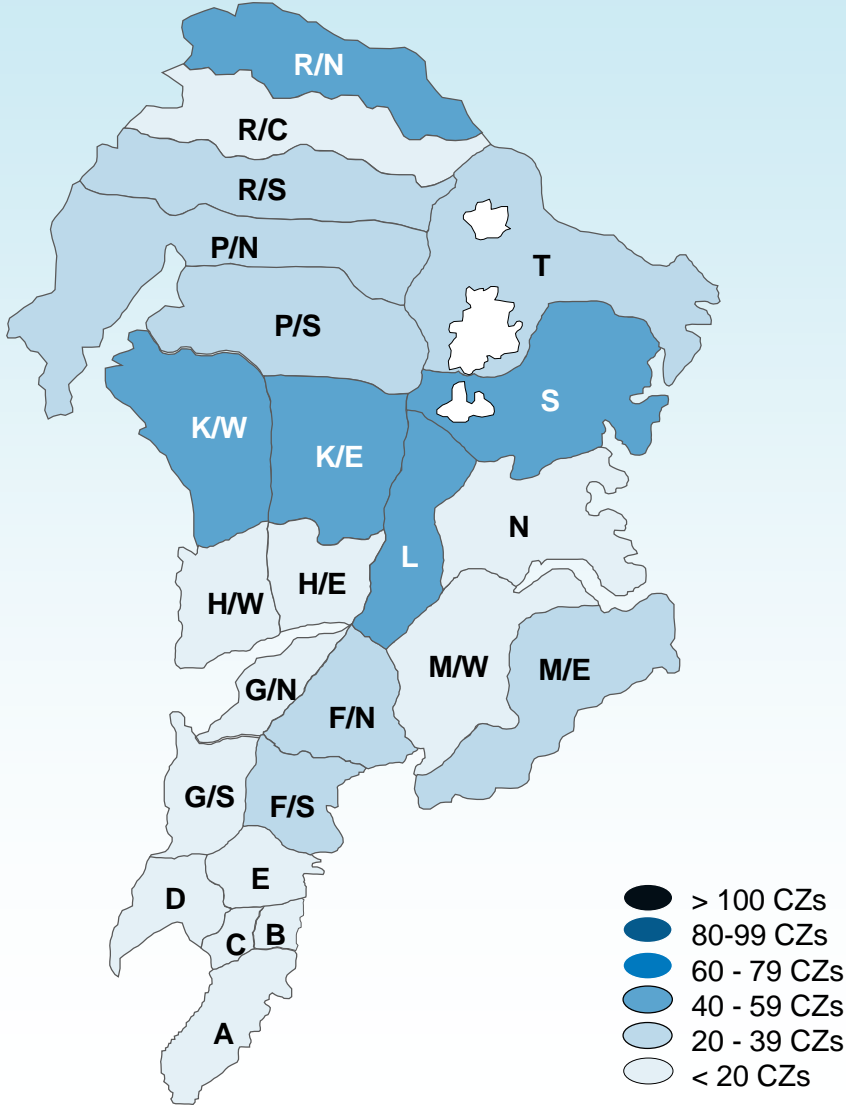
Ward-wise data as of Sep 05, 2020





# Ward-wise containment zones – slums and chawls

As of Sep 05, 2020



**568** *Active*  
 Containment Zones

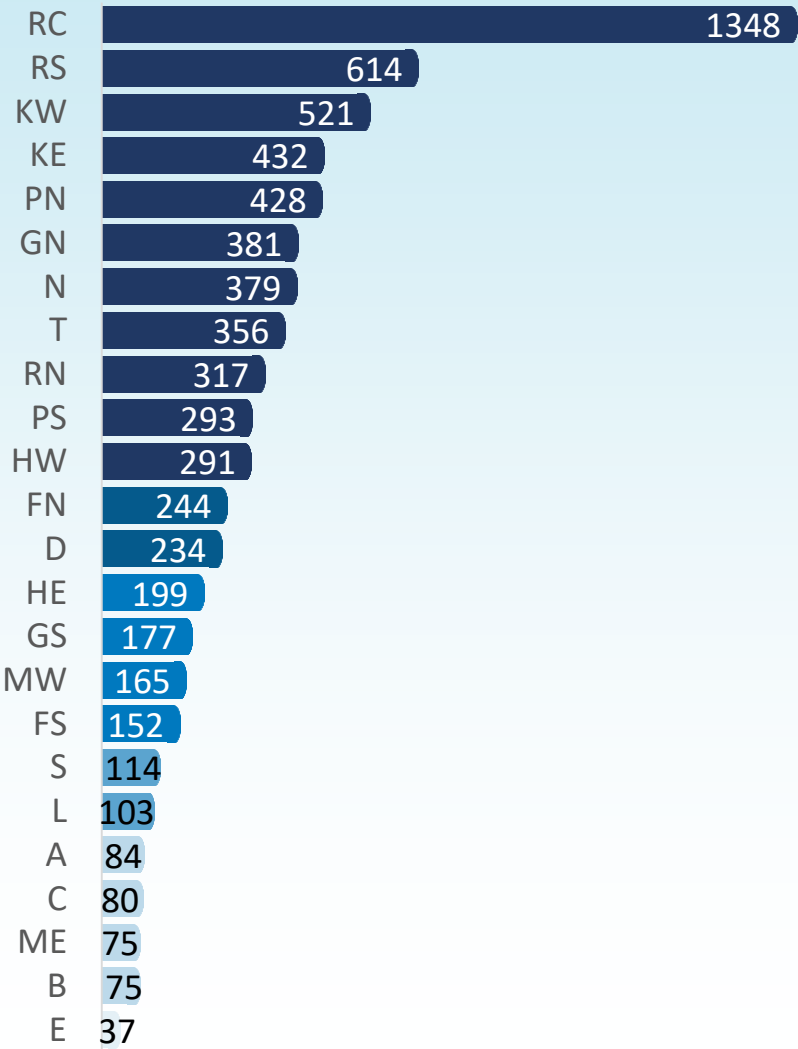
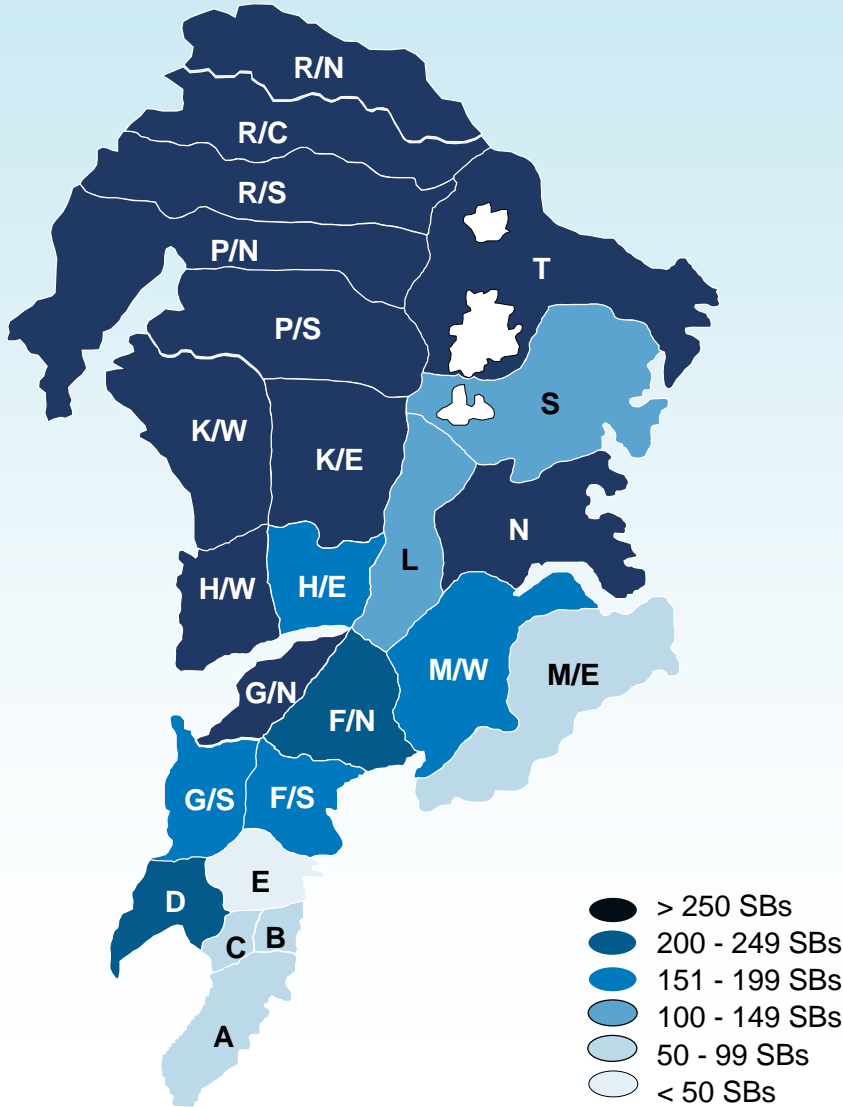
**8.4** *lacs*  
 No. of Households

**37** *lacs*  
 Population

**975** *Released*  
 Containment Zones

# Ward-wise sealed buildings

As of Sep 05, 2020



**7,099** *Active*  
 Sealed Buildings

**2.1** *lacs*  
 No. of Households

**7.9** *lacs*  
 Population

**22,428** *Released*  
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

**Status of COVID19 Positive Cases**

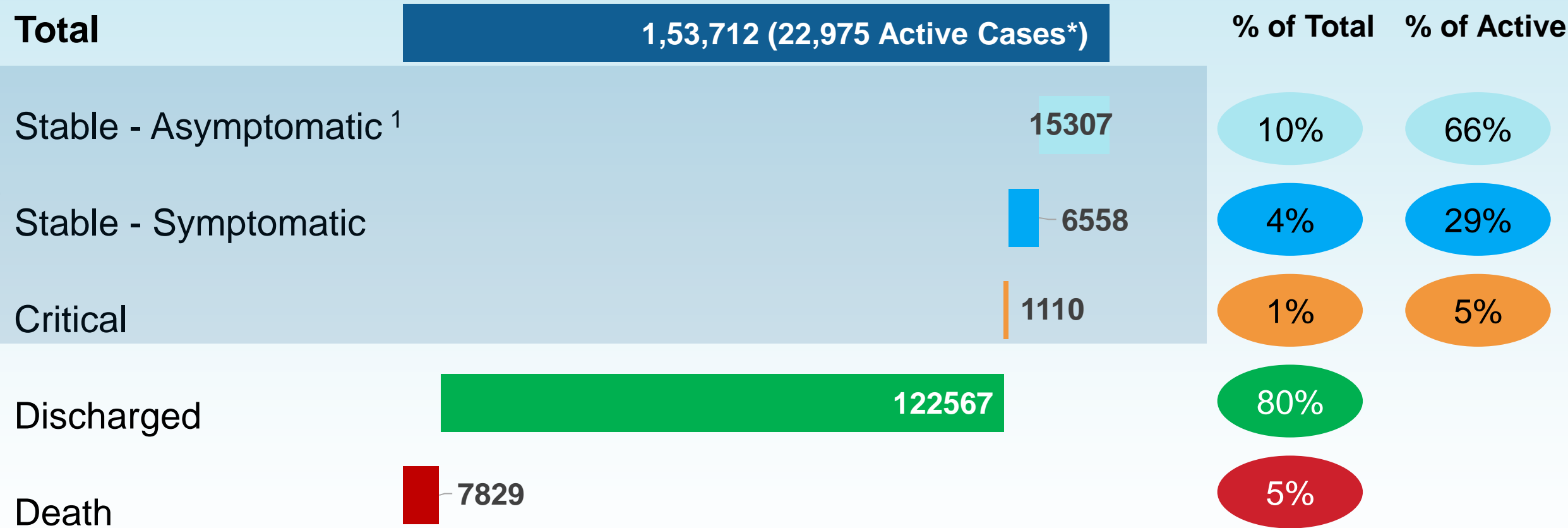
Bed Capacity

Other initiatives



# Case summary for Mumbai

As of Sep 05, 2020



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

<sup>1</sup> 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 (7,166 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 47 duplicates 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

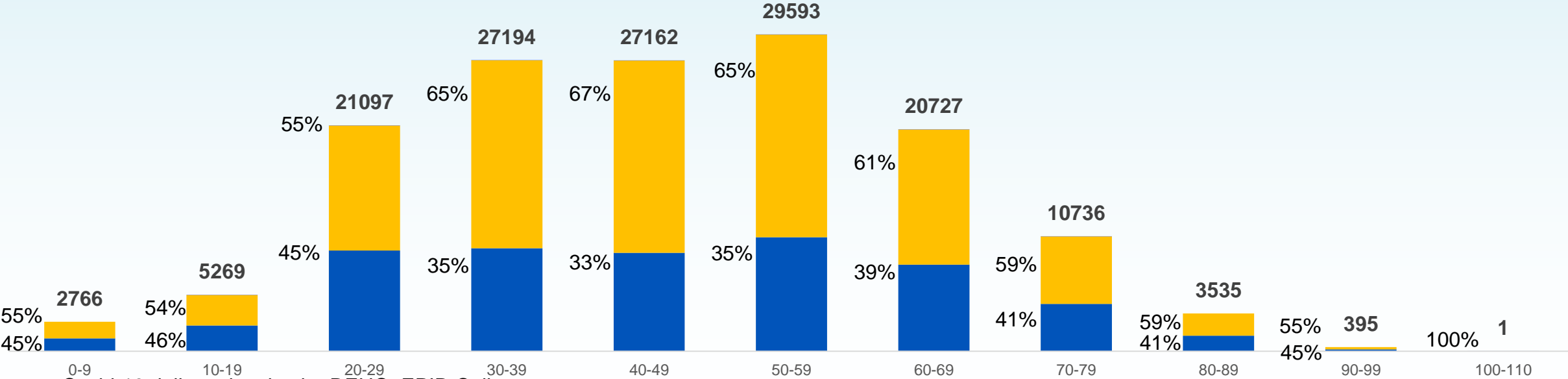
As of Sep 05, 2020<sup>1</sup>

Female Male Others  
Deaths

Total Positives  
1,53,712<sup>2</sup>

Total Deaths  
7,829<sup>2</sup>

Fatality Rate  
5.09%



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

1 Total Age and sex-wise break up is available 1,48,475 cases; age-wise breakup of deaths available for 7,829 cases

2 As on Sep 05

\*Due to reconciliation on ICMR portal 47 duplicates  
Cases are removed from progressive positive cases. 19

Data subject to change after scrutiny and ongoing verification process

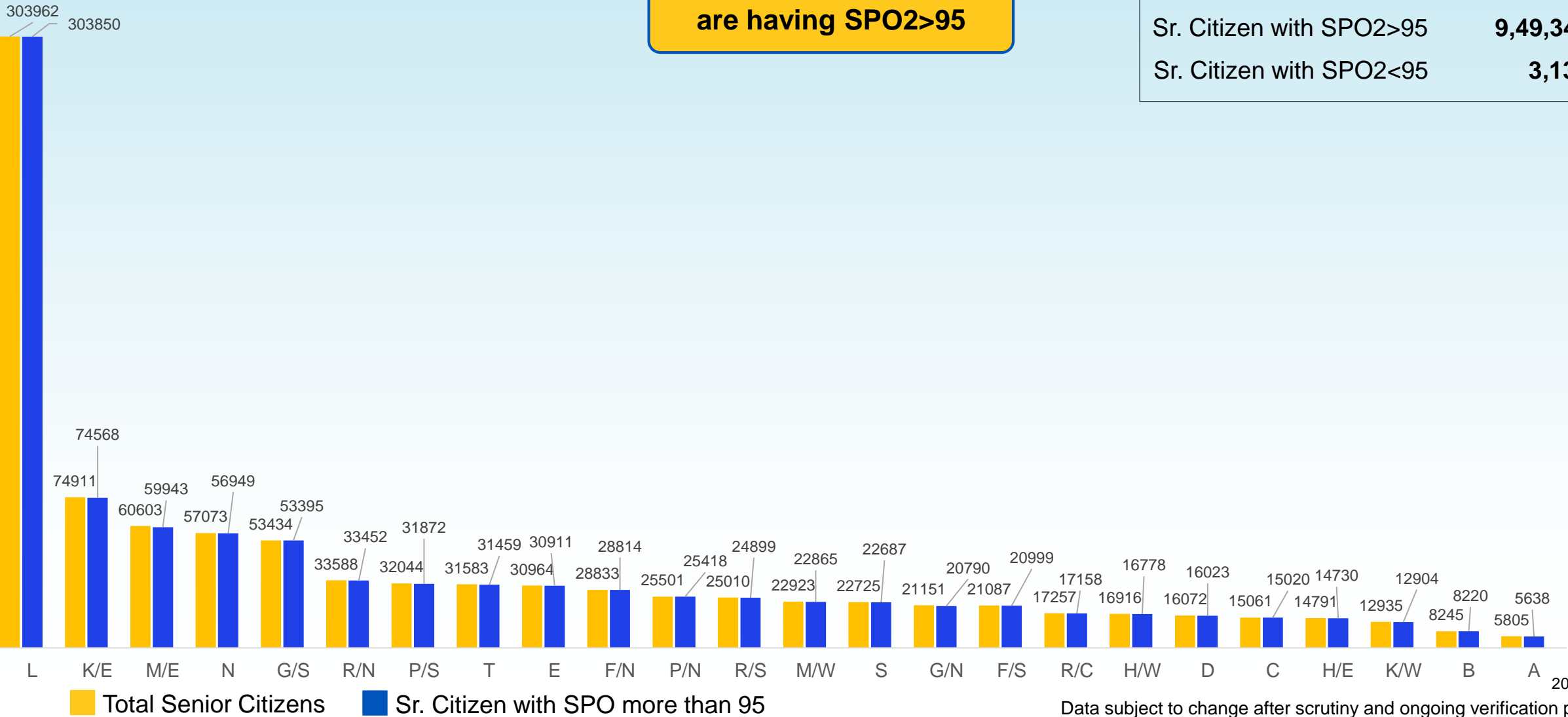


# Proactive screening of elderly to protect them and contain mortality

Ward-wise data(progressive) till Sep 5, 2020

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

Population Screened till date	1,76,38,429
Total Senior Citizens till date	9,52,474
Sr. Citizen with SPO2>95	9,49,342
Sr. Citizen with SPO2<95	3,132





# Proactive screening of elderly to protect them and contain mortality

Ward-wise data for Sep 5, 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>39,838</b>	<b>144,858</b>	<b>6,369</b>	<b>6,365</b>	<b>4</b>
M/E	699	2,701	202	200	2
D	403	1,678	136	135	1
H/W	680	2,165	149	148	1
A	375	1,395	15	15	0
B	320	1,210	43	43	0
C	331	1,112	49	49	0
E	1,675	5,905	249	249	0
F/S	777	2,184	141	141	0
F/N	387	1,440	131	131	0
G/S	4,256	14,331	372	372	0
G/N	2,148	7,543	129	129	0
H/E	714	2,822	94	94	0
K/E	2,879	9,444	586	586	0
K/W	525	1,649	126	126	0
P/S	1,227	3,394	97	97	0
P/N	2,796	10,882	202	202	0
R/S	3,047	13,196	154	154	0
R/C	520	1,932	72	72	0
R/N	7,757	25,272	298	298	0
L	4,008	17,658	1,776	1,776	0
M/W	964	2,852	150	150	0
N	1,894	8,765	992	992	0
S	1,070	4,090	98	98	0
T	386	1,238	108	108	0

Summary till date

**1,76,38,426\***

Total Population covered till date

**9,52,474**

Senior Citizens covered till date

**9,49,342**

Senior Citizens with SPO2>95  
till date

**3,132**

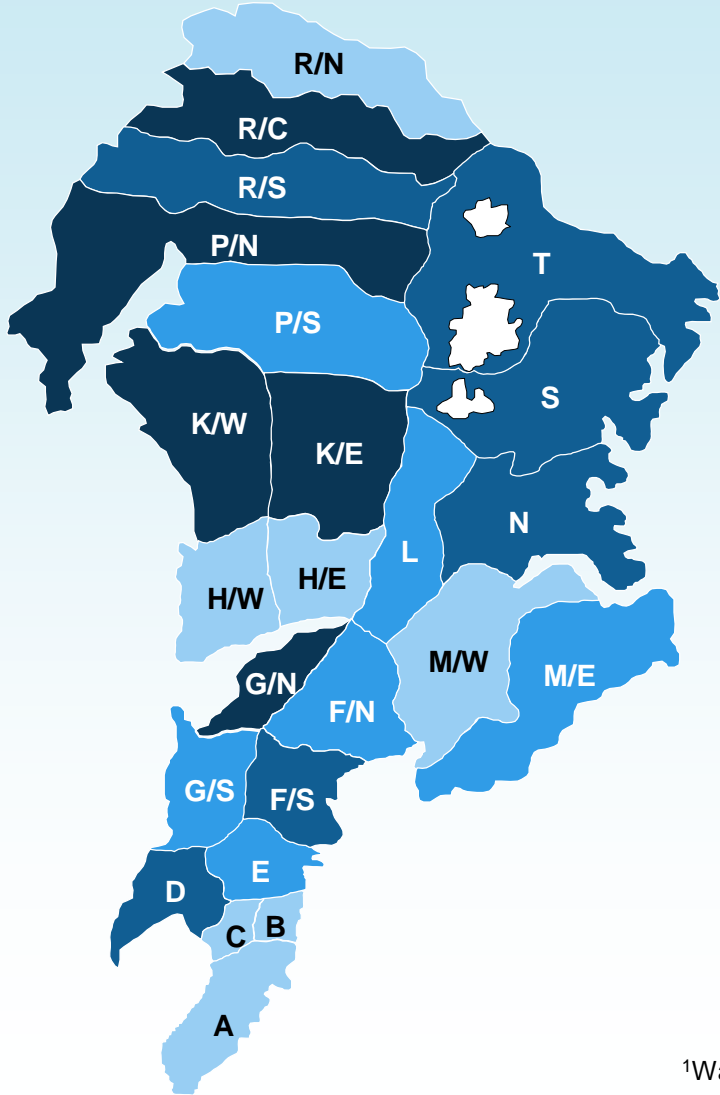
Senior Citizens with SPO2<95  
till date

\* 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 Sep 05, 2020



KE	9187	7576	546	1065
PN	9146	7781	362	1003
RC	8945	6889	290	1766
KW	8694	6966	334	1394
GN	8677	7180	511	986
S	8072	6646	479	947
N	7781	6302	419	1060
RS	7741	6078	242	1421
FS	6880	5792	374	714
T	6704	5436	175	1093
D	6570	5425	248	897
GS	6347	5369	415	563
L	6279	5253	461	565
E	5874	4886	306	682
FN	5853	4807	322	724
PS	5273	4202	246	825
ME	5120	4364	319	437
HE	4980	4126	357	497
HW	4481	3489	202	790
MW	4414	3667	304	443
RN	4179	3230	158	791
A	3812	3310	73	429
C	2175	1831	108	236
B	1290	1066	95	129
rd-wise breakup is available for 1,48,474 cases (19,457 Active), Total		121671	7346	19457

- >=8501 cases
- 6501 – 8500 cases
- 5001 – 6500 cases
- 0 – 5000 cases
- Discharged<sup>2</sup>
- Deaths<sup>3</sup>
- Active

**Total Positives**  
**1,53,712<sup>1</sup>**

**Total Active**  
**19,457<sup>1</sup>**

Active = Positive – Discharges – Death

\*Due to reconciliation on ICMR portal 47 duplicates Cases are removed from progressive positive cases.

<sup>1</sup>Ward-wise breakup is available for 1,48,474 cases (19,457 Active), Total

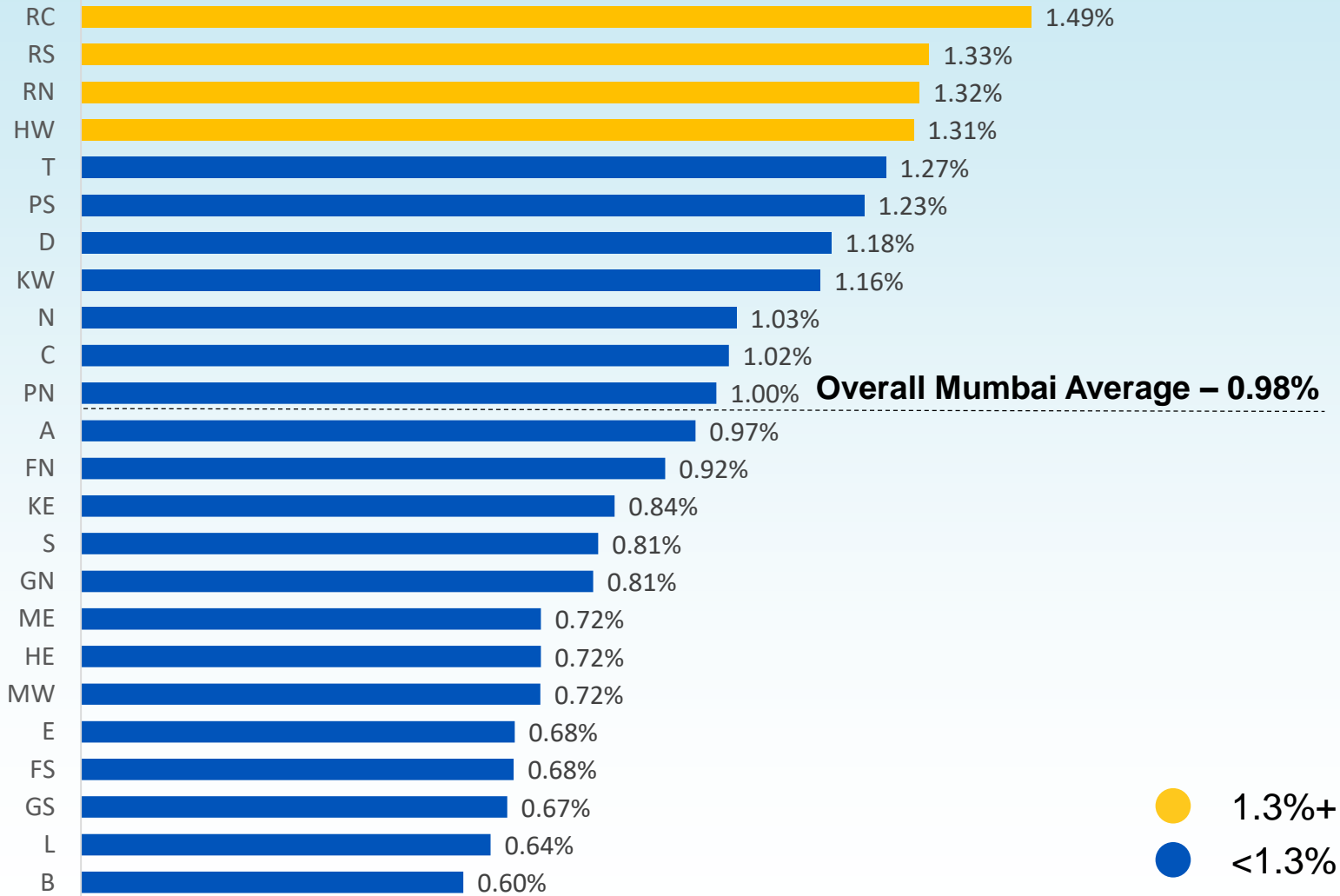
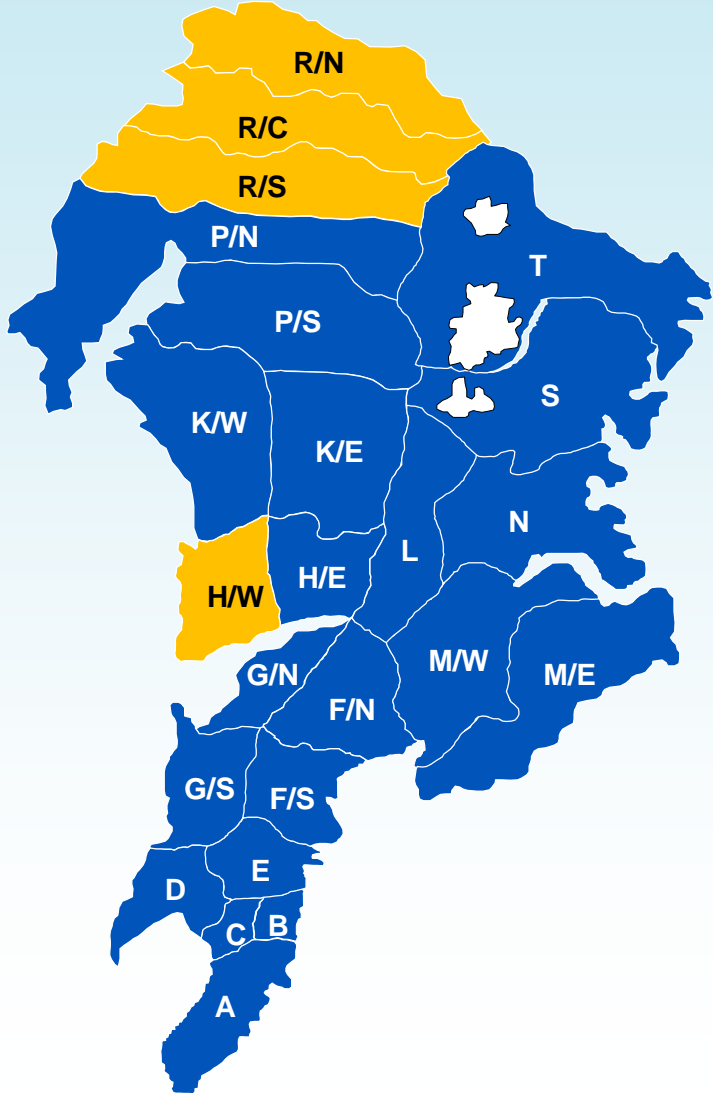
<sup>2</sup>Discharges as on Sep 05, Available for 1,21,671 cases,

<sup>3</sup>Deaths as on Sep 05, Available for 7,346 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 Sep 05, 2020



# Ward-wise new cases

Positive cases for the last 7 days till Sep 05, 2020<sup>1</sup>

Date of report	RC	RS	HW	RN	T	PS	D	KW	C	N	PN	A	FN	KE	GN	S	HE	ME	MW	E	FS	GS	L	B	Grand Total
Area>>>	Borivali	Kandivali	Bandra	Dahisar	Mulund	Goregaon	Grant Road	Andheri W	Marine Lines	Ghatkopar	Malad	Colaba	Matunga	Andheri E	Dadar	Bhandup	Khar	Chembur E	Chembur W	Byculla	Parel	Elphinstone	Kurla	Sandhurst Road	
As on 29th Aug	8063	7055	4091	3813	6139	4840	6052	8018	2026	7242	8531	3564	5490	8665	8203	7627	4735	4868	4197	5601	6561	6057	6003	1237	138678
30-Aug	117	77	55	56	54	62	58	91	19	54	96	44	62	46	52	49	18	31	20	26	26	33	23	6	1175
31-Aug	64	89	54	30	72	52	33	77	20	71	86	13	33	63	62	31	45	32	30	42	39	37	26	7	1108
01-Sep	113	94	25	39	61	36	71	61	28	58	65	20	38	28	48	68	28	31	37	32	27	30	23	2	1063
02-Sep	117	106	77	37	94	47	100	108	15	68	90	35	48	95	94	69	37	52	34	40	61	60	58	5	1547
03-Sep	159	92	65	58	67	58	73	120	17	84	70	27	60	90	62	53	33	30	22	38	42	36	45	14	1415
04-Sep	183	114	66	92	106	92	100	101	18	85	123	70	53	101	74	77	36	44	31	50	70	65	54	14	1819
05-Sep	129	114	48	54	111	86	83	118	32	119	85	39	69	99	82	98	48	32	43	45	54	29	47	5	1669
As on 05th Sep	8945	7741	4481	4179	6704	5273	6570	8694	2175	7781	9146	3812	5853	9187	8677	8072	4980	5120	4414	5874	6880	6347	6279	1290	148474
Days to double	47	52	53	53	55	57	59	60	68	68	70	72	76	83	86	86	96	96	96	102	102	104	108	116	71

**Wards <= 55 days to double**

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

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 Sep 05, 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**

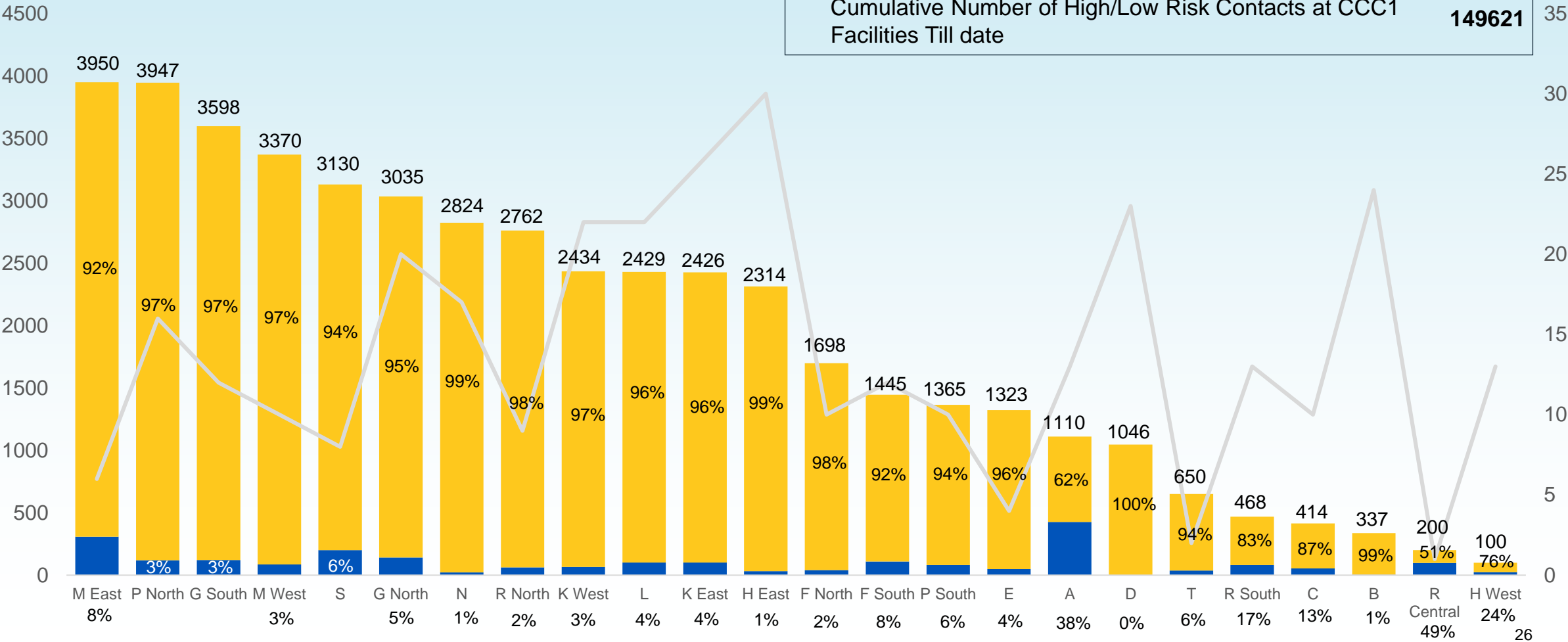
Other initiatives



# Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 05, 2020

No. of CCC1 Facilities identified for High/Low Risk Contacts	333
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2362
Available capacity	44013
Total Capacity	46375
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	149621



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

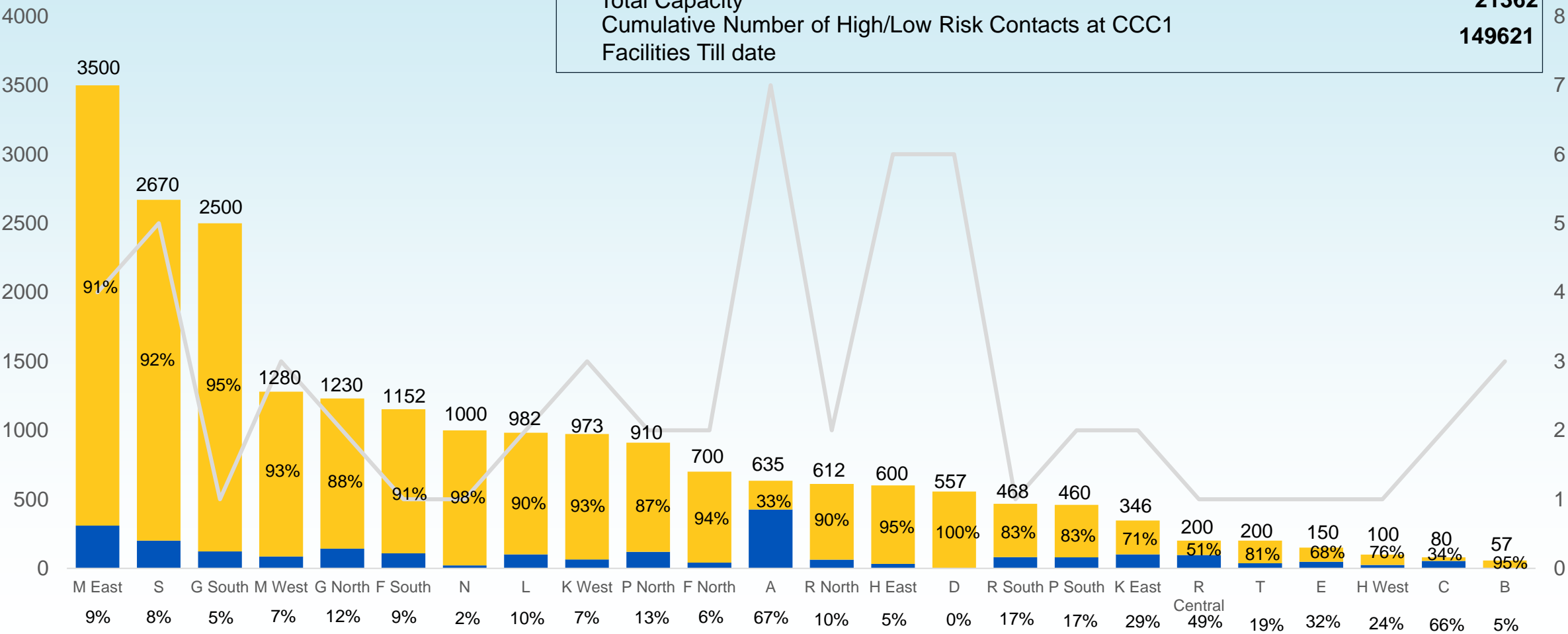




# Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 05, 2020

No. of ACTIVE and BUFFER CCC1 Facilities identified for High/Low Risk Contacts	61
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2362
Available capacity	19000
Total Capacity	21362
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	149621



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

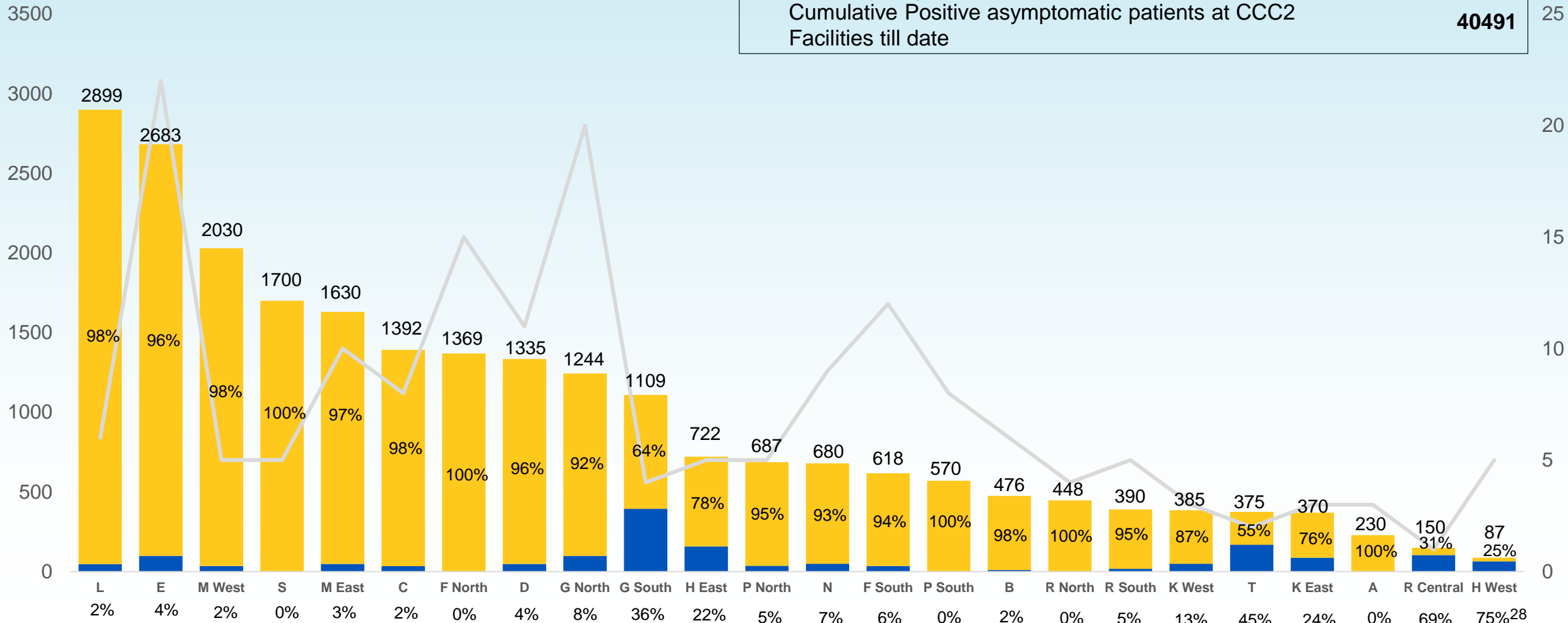
Note: Active facilities are facilities currently being requisitioned and in use. Buffer facilities includes requisitioned facilities kept for future



# Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 05, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	177
Number of positive asymptomatic patients shifted to CCC2 Facilities	1589
Available capacity	21990
Total Capacity	23579
Cumulative Positive asymptomatic patients at CCC2 Facilities till date	40491



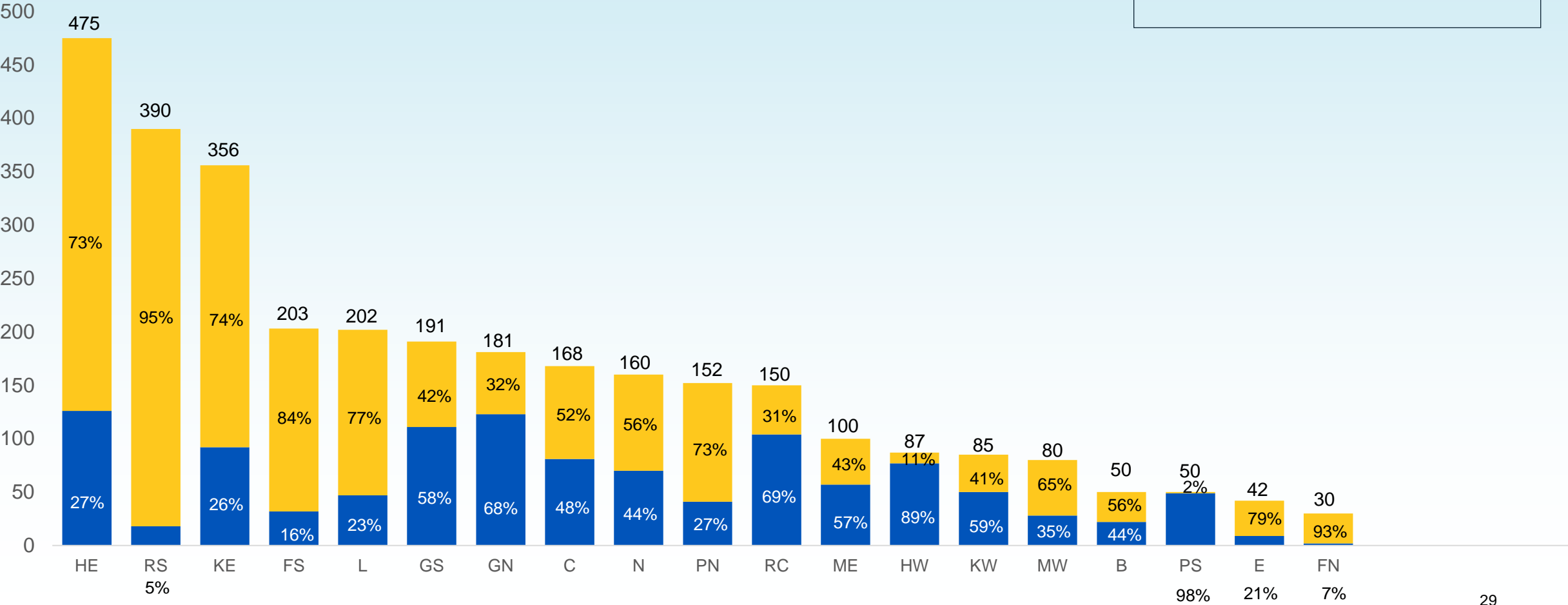
Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators



# Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 05, 2020

Beds occupied	1139
Available capacity	2013
Total capacity	3152
Cumulative patients till date	35700

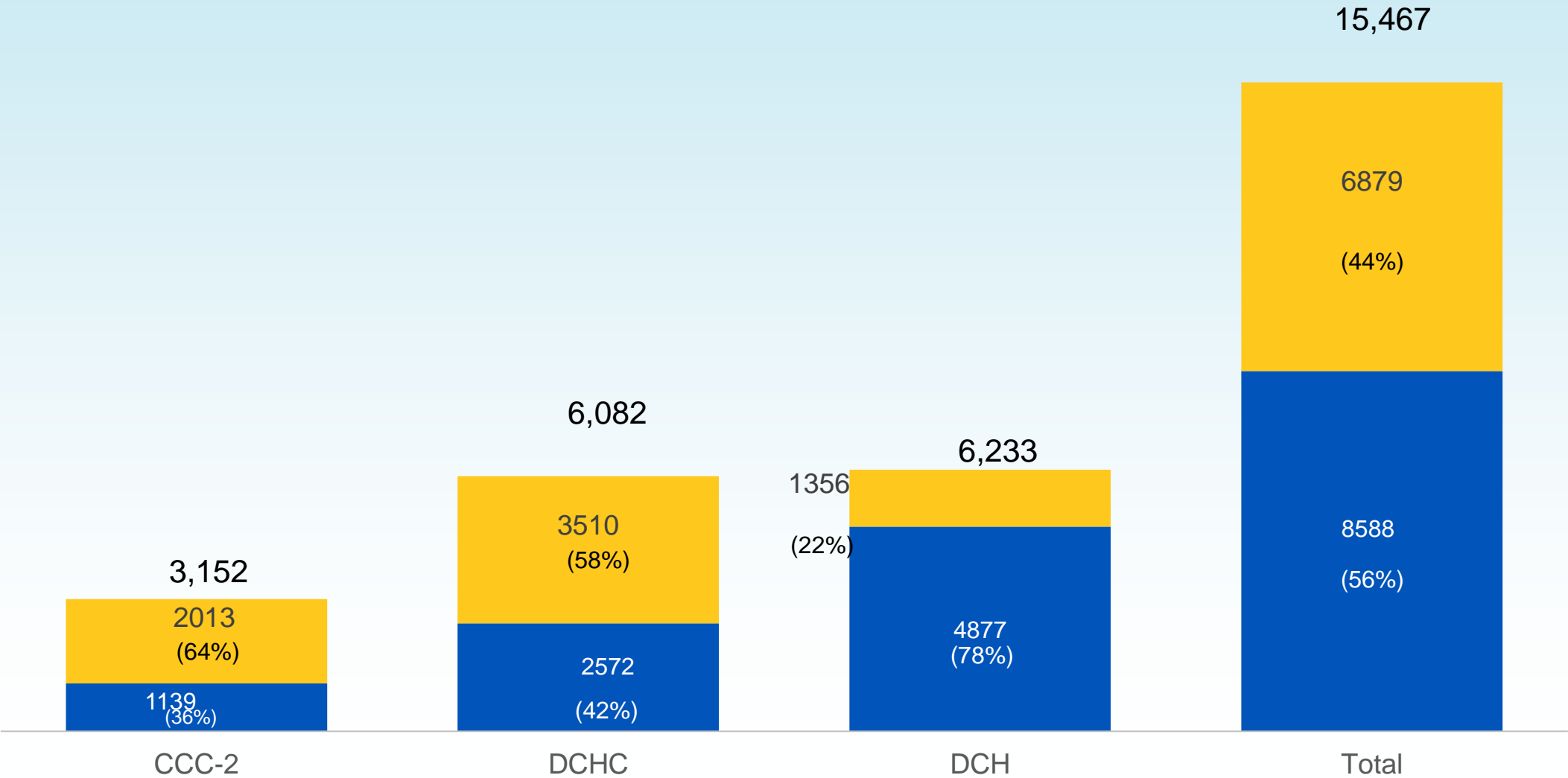


Source: "CCC2 line list"

# Summary of total bed capacity

As of Sep 5, 2020

On bed patients Available capacity



Source: At a glance facilities & DMU dashboard

Data subject to change after scrutiny and ongoing verification process

# Covid19 Bed Management

Data as on 01:00 PM, Sep 6, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
<b>Total</b>	<b>12,315</b>	<b>7,449</b>	<b>4,866</b>
ICU Beds	1,399	1,247	152
Regular	1,355	1,217	138
Modular	10	9	1
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	10,916	6,202	4,714
Quarantine for Suspect	948	512	436
Isolation for Positives	9,552	5,505	4,047
Pregnancy	237	65	172
Others (Cancer + Dialysis)	179	120	59
<i>O2 Beds*</i>	7,836	4,547	3,289
<i>Ventilators*</i>	931	847	84

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 01:00 PM, Sep 6, 2020 , Subject to change

			COVID Beds				
			Total	ICU Beds	Normal Beds	O2 Beds*	Ventilators*
Capacity	Total		12,315	1,399	10,916	7,836	931
	Public	Hospitals	4,504	627	3,877	2,601	510
		Jumbo	5,499	244	5,255	3,777	146
	Pvt	Hospitals	2,312	528	1,784	1,458	275
Occupancy	Total		7,449	1,247	6,202	4,547	847
	Public	Hospitals	3,220	577	2,643	1,991	473
		Jumbo	2,267	186	2,081	1,362	116
	Pvt	Hospitals	1,962	484	1,478	1,194	258
Vacancy	Total		4,866	152	4,714	3,289	84
	Public	Hospitals	1,284	50	1,234	610	37
		Jumbo	3,232	58	3,174	2,415	30
	Pvt	Hospitals	350	44	306	264	17

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





## Key Trends

Contact tracing and home quarantine

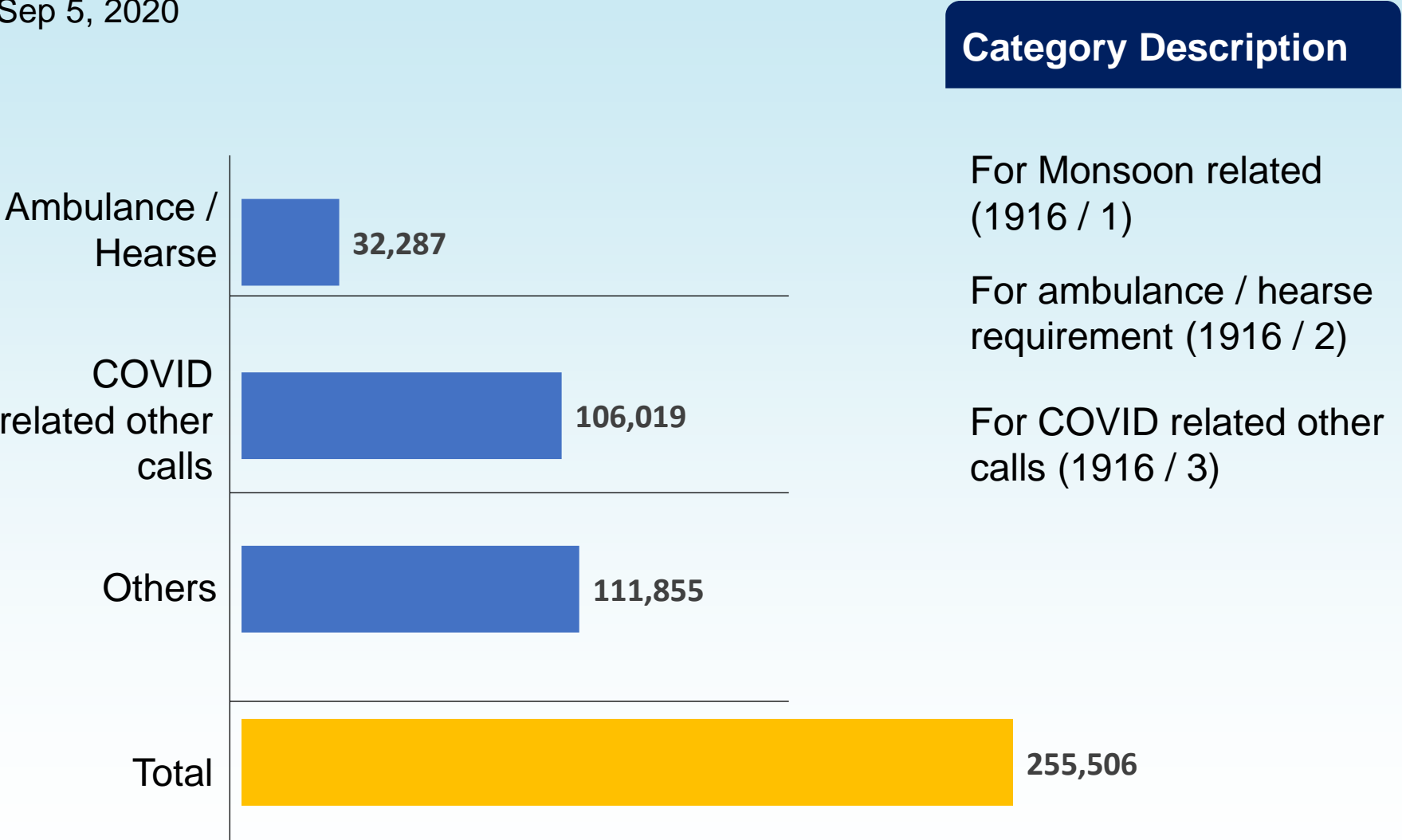
Status of COVID19 Positive Cases

Bed Capacity

**Other initiatives**

# Call Center update

For all calls received from April 24 to Sep 5, 2020



# Management of Waste from Quarantined Areas

## September 3, 2020



### Waste Collected (in Kgs)

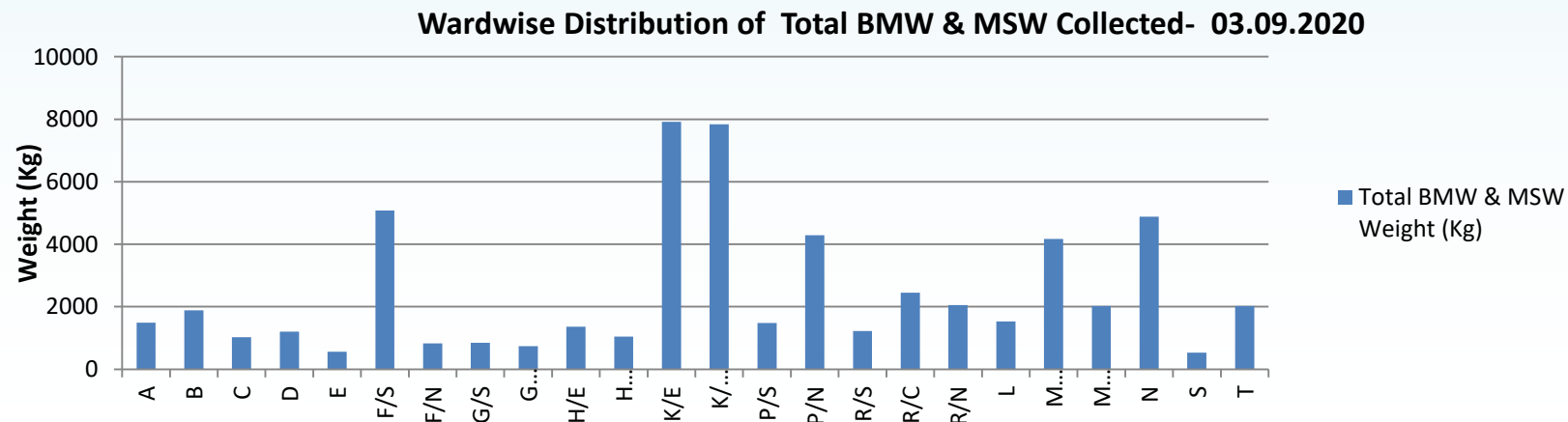
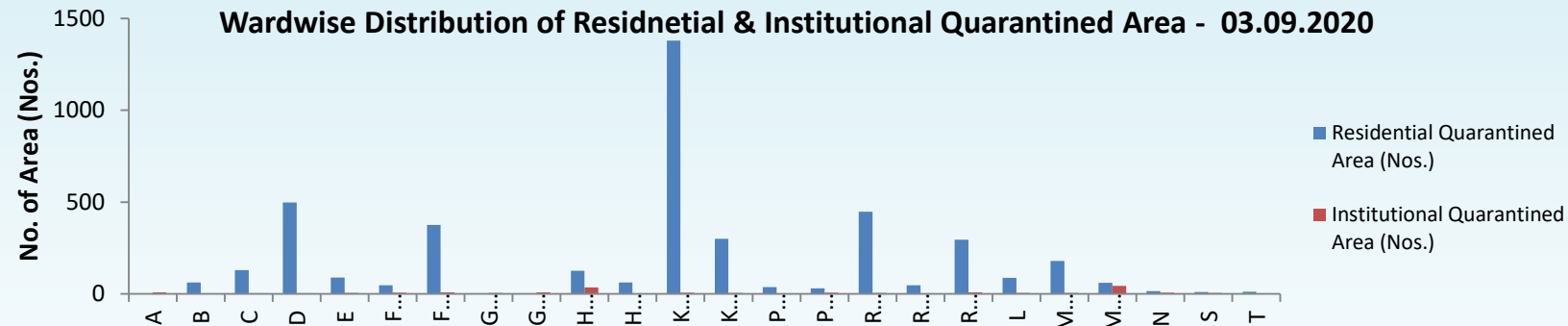
COVID BMW (in Kgs)  
**11,325**

MCGM Quarantine BMW (in Kgs)  
**2,058**

Total BMW (in Kgs):  
**13,383.0**

Total MSW Collected by MCGM from Quarantined Area (in Kgs):  
**56,230.0**

Total MSW & BMW Collected by MCGM from Quarantined Area (in Kgs):  
**69,613**



# Thank you

