

# BMC Covid-19 Response War Room Dashboard

Sep 12, 2020



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# Mumbai COVID19 status at a glance

As of Sep 11, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 04:30 PM, Sep 12, 2020)		CCC1 Facilities			Contact Tracing	Past 24hrs	Cumulative
Total Positive	1,65,287	Bed Capacity (DCHC+DCH+Jumbo+CCC2)	16,063	Facilities (#)	Bed Capacity	Occupancy	Total Traced	25,056	25,18,247
		Occupied	10,009				High Risk	12,142	9,28,229
Discharged	1,29,244	Available	6,054	Total	334	46,589	2,265	Low Risk	12,914
		DCH & DCHC Bed	6,879	Active	43	17,698	2,265	Total Quarantine Completed	
Deaths	8,064	Capacity	5,546	Buffer	15	2,158	-	Currently in Home Quarantine	2,74,810
Deaths with Age > 50yrs – 6,766)		Occupied	1,333	Reserve#	276	26,733	-	Others	
		Available	3,105	CCC2 Facilities			Senior Citizens Screened till date	9,87,027	
Total Active	27,626	Jumbo Facility Bed	6,001	Facilities (#)	Bed Capacity	Occupancy	Senior Citizens with SPO2 > 95	9,83,873	
Stable – Asymptomatic	18,988	Capacity	1,417	Total	180	23,673	1,667	Active Containment Zones – Slums & Chawls	557
Stable - Symptomatic	7,317	Occupied	1,336	Active	26	3,396	1,667	Active Sealed Buildings	7,680
Critical	1,321	Available	81	Buffer	13	2,330	-	Calls Centre Calls Flow	2,62,958
Tests Done (till date)	9,03,101	O2 Bed Capacity	7,852	Reserve#	141	17,947	-	# Facilities that have been deactivated and can be used as per need	
% of Positive (till date)	18.30	Occupied	4,952						
Ward wise positive cases		Available	2,900						
		Ventilator Bed	947						
		Capacity	900						
		Occupied	47						
		Available							

Wards	PS	RC	T	RN	RS	D	KW	HW	N	HE	C	FN	PN	B	KE	MW	A	S	GS	E	FS	GN	L	ME	Overall
Positive Cases	5811	9864	7335	4580	8477	7181	9485	4879	8350	5361	2326	6279	9824	1385	9793	4708	4060	8548	6757	6231	7290	9137	6618	5403	Mumbai
Days to double	43	43	45	46	46	48	48	51	56	58	59	59	60	65	65	65	66	70	72	73	74	79	81	81	58

1 Ward-wise break up is as on Sep 10, 2020, available for 1,59,682 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

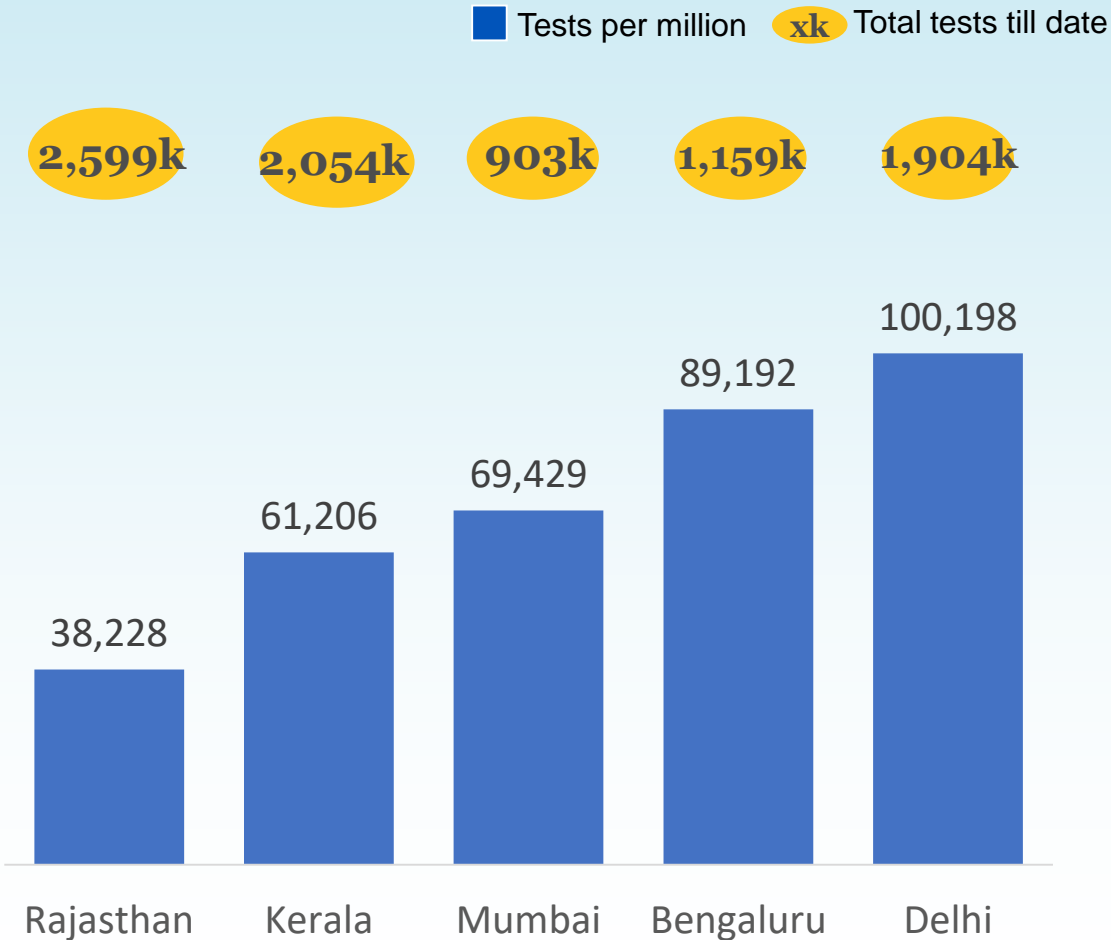
Other initiatives



# Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Sep 11, 2020

## Tests per million



Source: Government COVID bulletins as of Sep 11 2020

\* Data as of Sep 10 2020

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

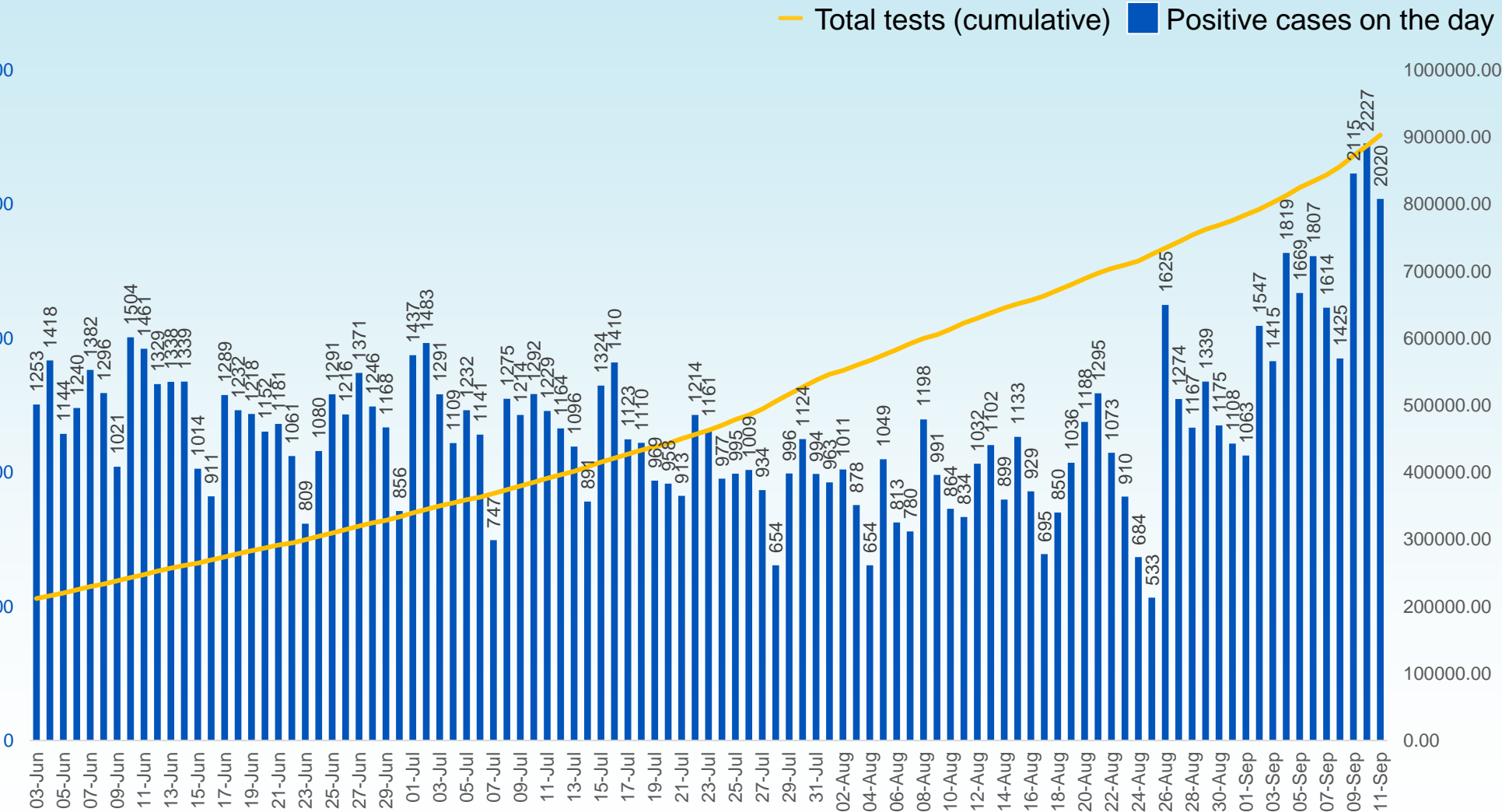
State	Cases	Tests	Tests per million
Bengaluru	1,63,631	11,59,493	89,192
Mumbai	1,65,287	9,03,101	69,429
Delhi*	2,01,174	19,03,762	100,198
West Bengal	1,96,332	23,75,609	26,330
Gujarat	1,10,809	31,43,073	50,695
Kerala	1,02,254	20,53,801	61,206
Maharashtra	10,15,681	51,67,461	41,823
Rajasthan	9,9,775	25,99,477	38,228
Tamil Nadu	4,91,571	57,15,216	1,71,177

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 11, 2020



## Summary till date

1,65,287<sup>1</sup>

Total positive cases

9,03,101

Total tests conducted

18.30%<sup>2</sup>

Positive cases as a % of total tests

1 Total Positive cases as on Sep 11, Total cases as of Sep 11 as per line list is 1,59,682

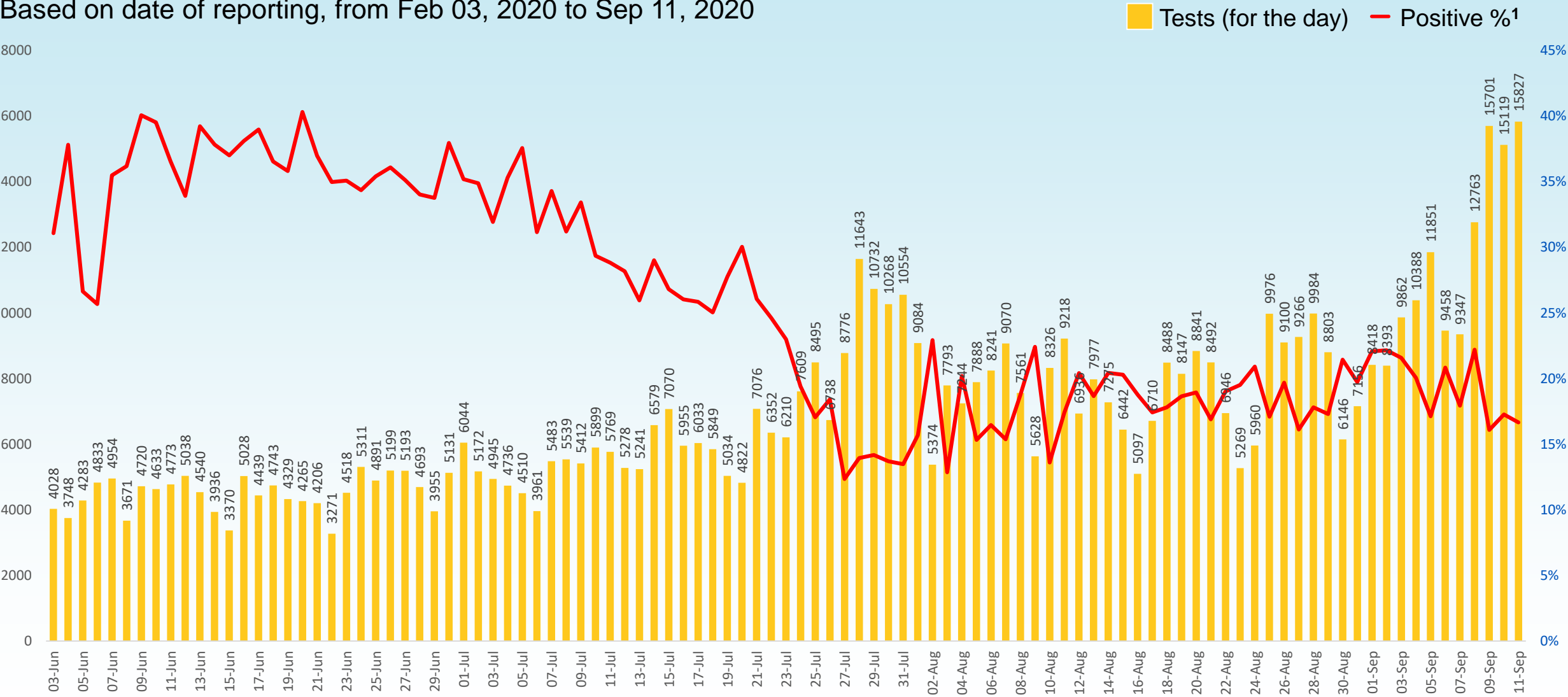
2 Total Positive cases (as per press release) as a % of total tests conducted

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



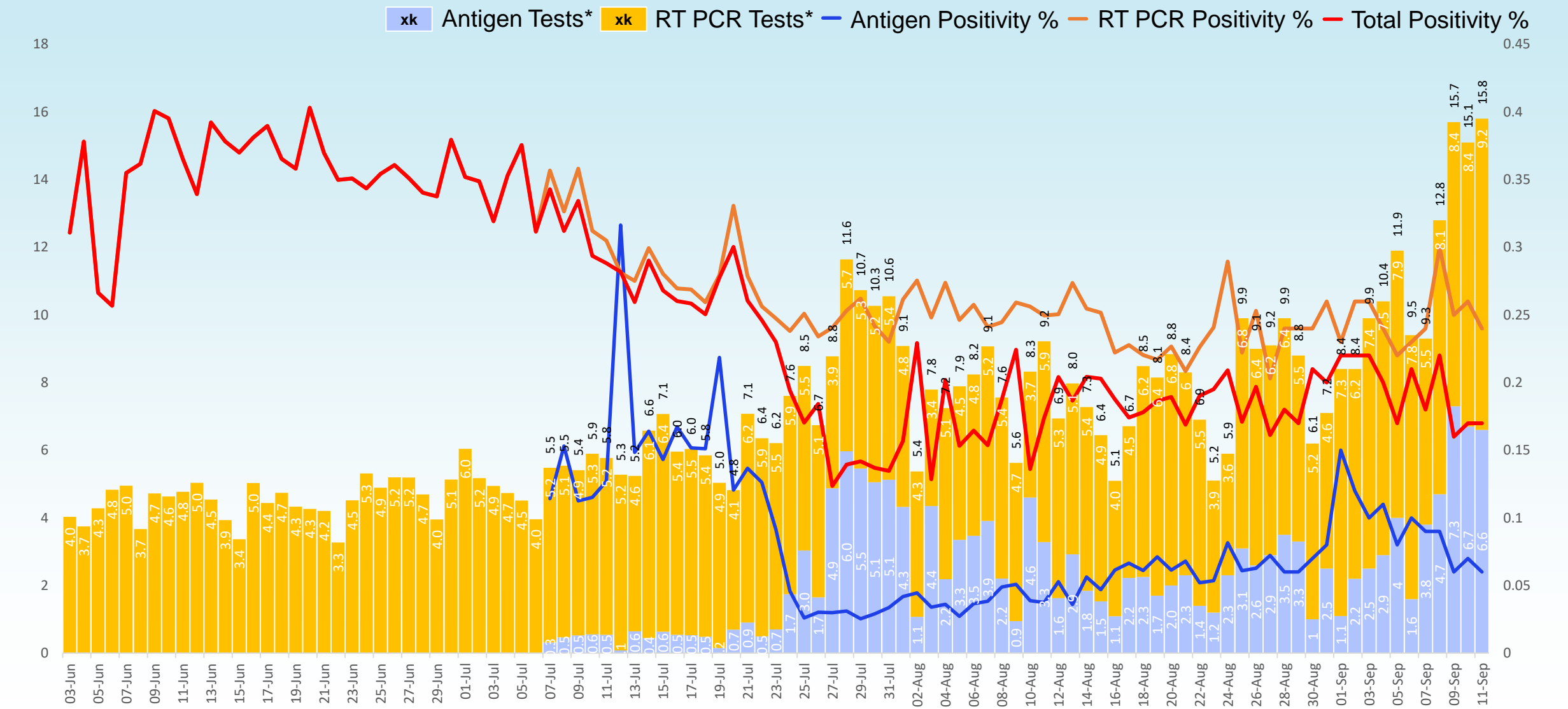
# Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 11, 2020



<sup>1</sup>Positive 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 positive cases vis-à-vis Tests

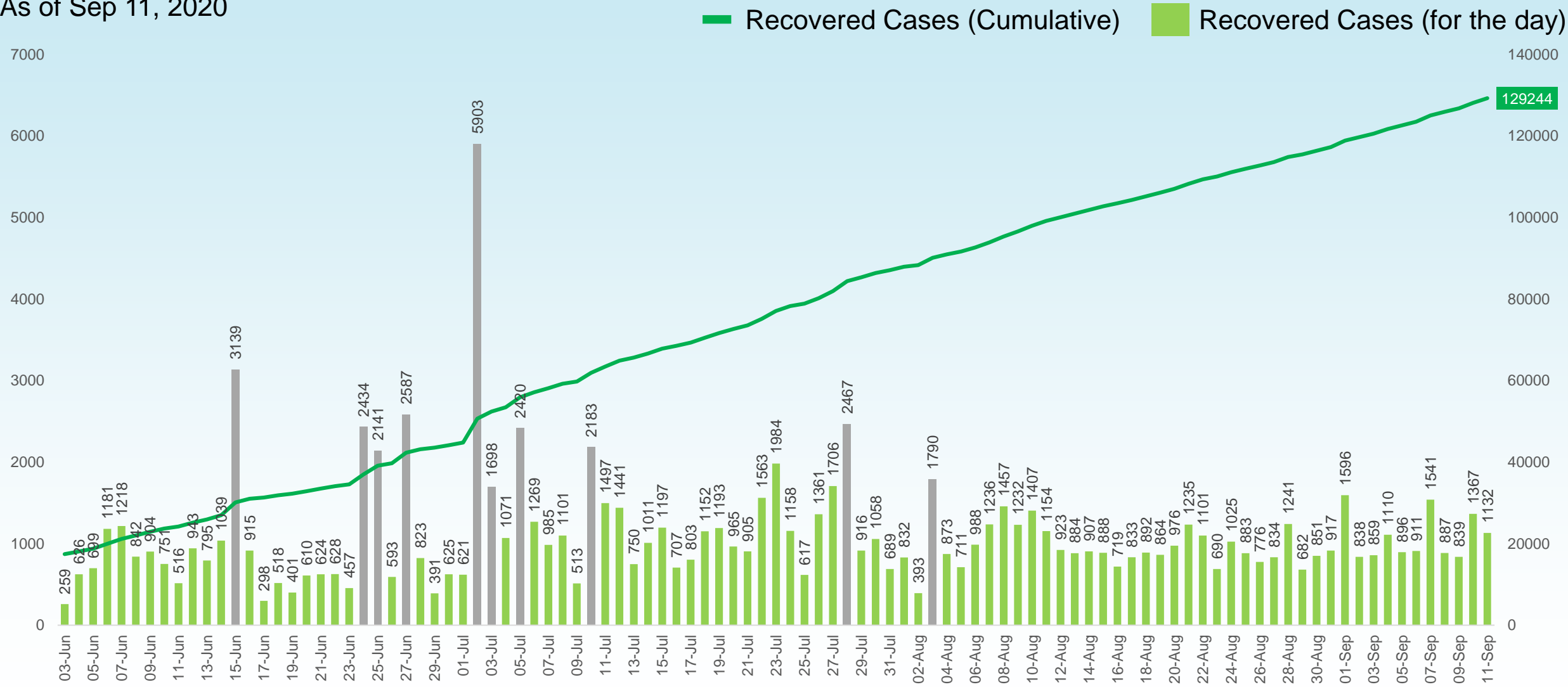


\* Data for Antigen tests is available from Jul 07 onwards

\*The tests data is in thousands

# Trend of Recovered Cases

As of Sep 11, 2020



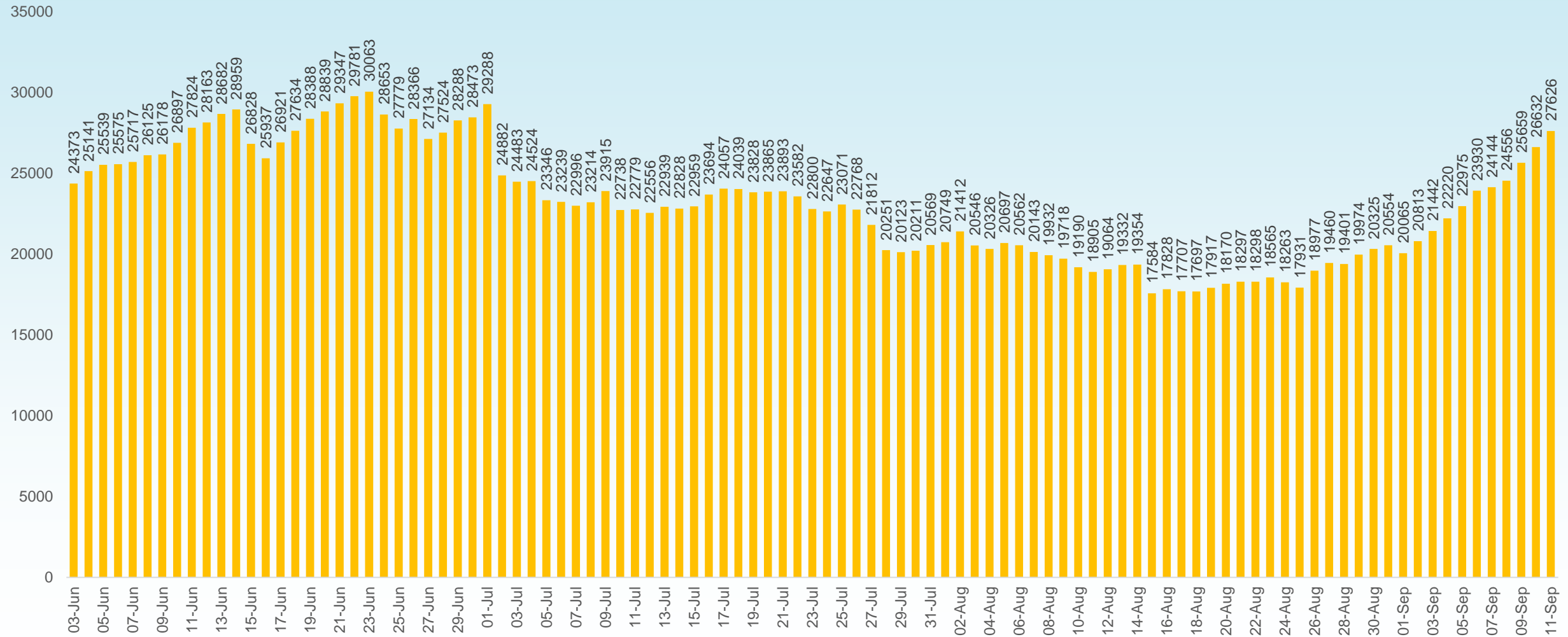
<sup>1</sup>Spikes refer to reconciliation and updation for previous days



# Trend of Active Cases

As of Sep 11, 2020

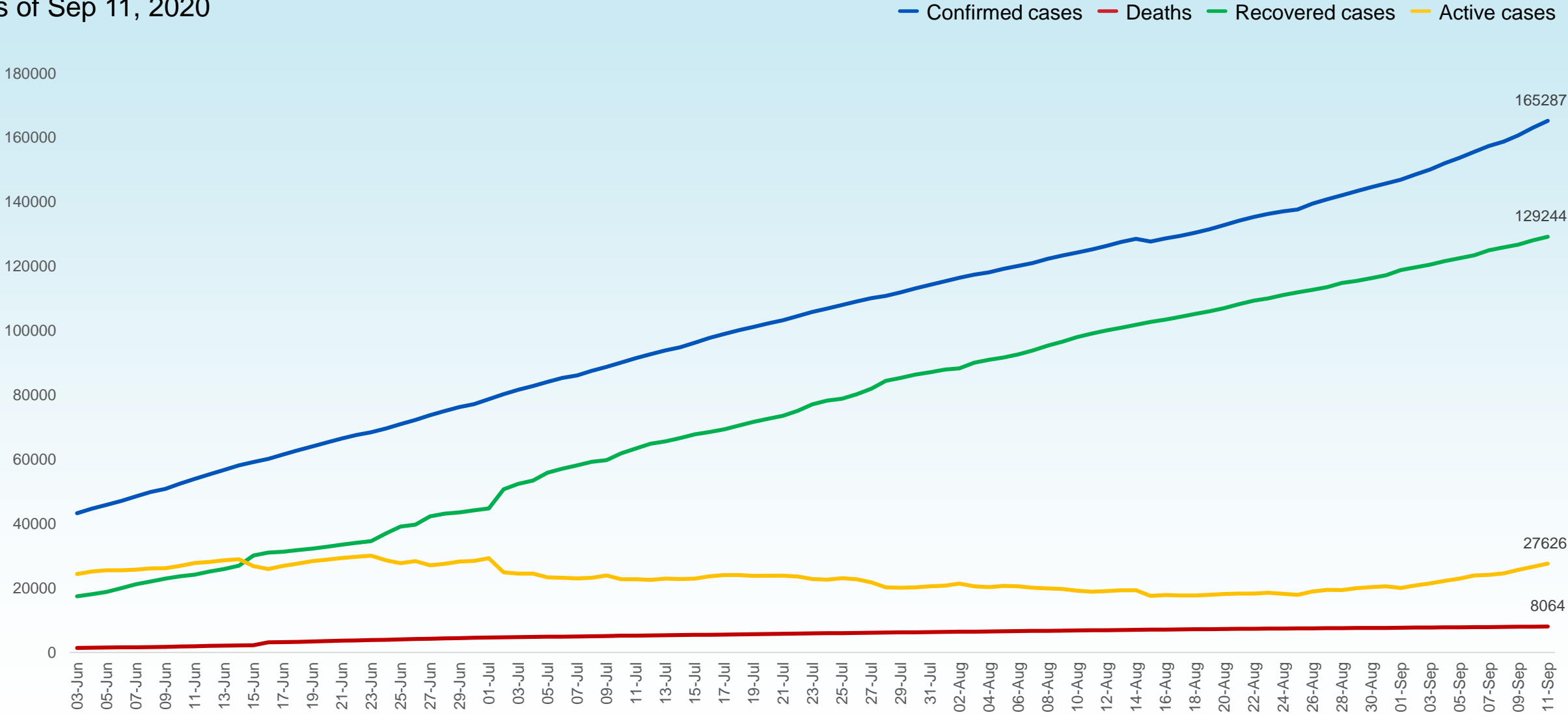
Active Cases (Cumulative)





# Case summary for Mumbai

As of Sep 11, 2020





## Key Trends

**Contact tracing and home quarantine**

Status of COVID19 Positive Cases

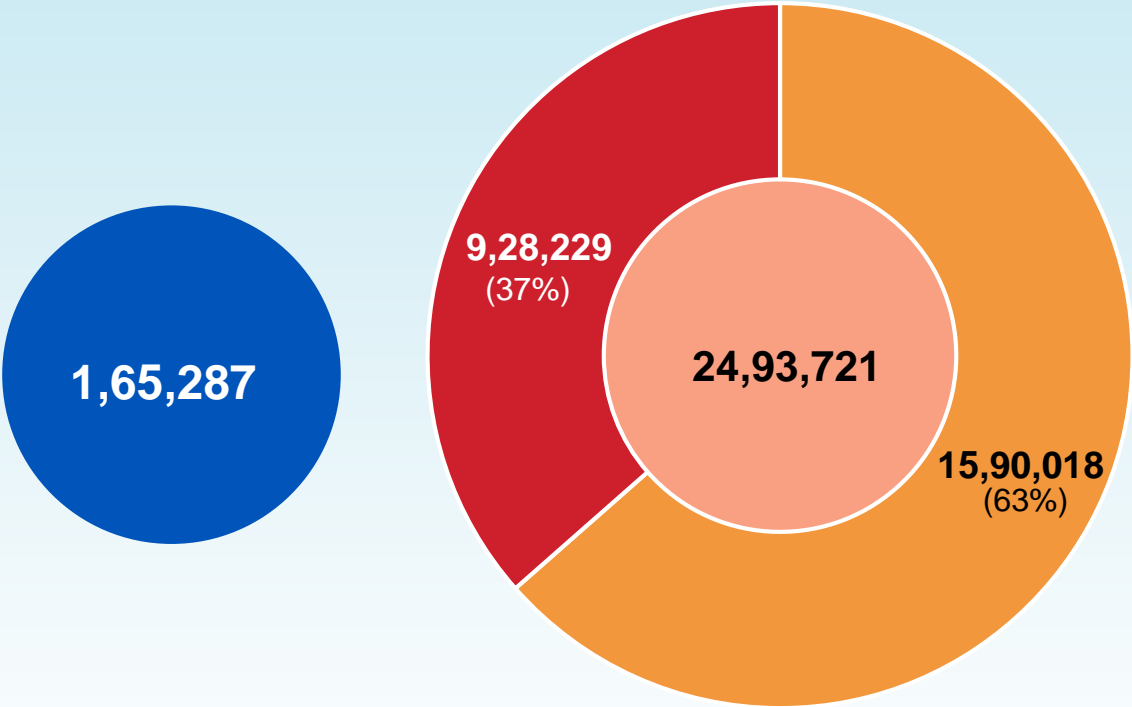
Bed Capacity

Other initiatives



# Update on contact tracing

Summary as of Sep 11, 2020



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

**22,41,172**  
Completed quarantine

**2,74,810**  
In home quarantine,

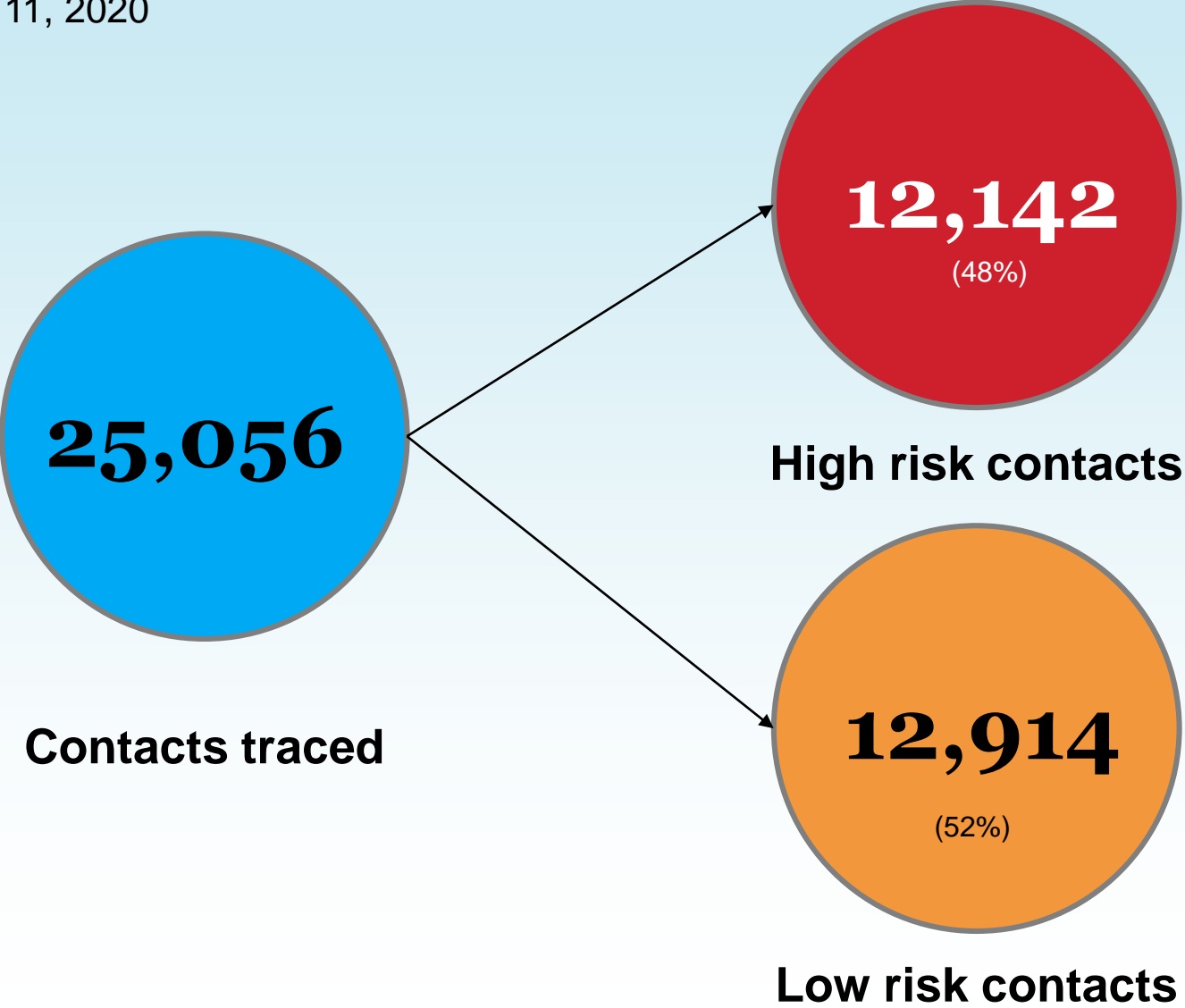
**2,265**  
Currently at institutional  
quarantine facilities

**1,51,163**  
Shifted to institutional  
quarantine facilities till date

Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 11, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

# Contact tracing report for last 24 hours

Summary as of Sep 11, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 11, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

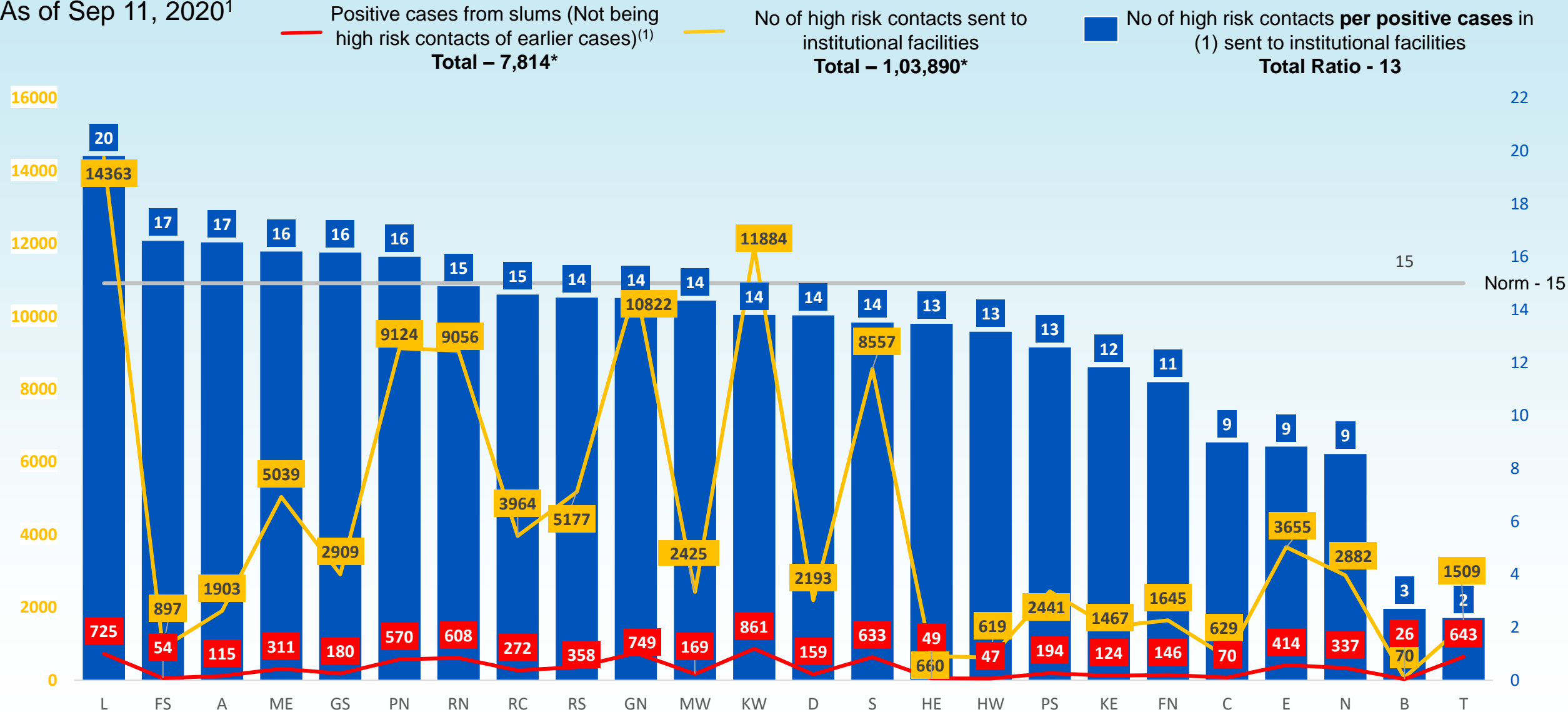
Data subject to change after scrutiny and ongoing verification process





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

As of Sep 11, 2020<sup>1</sup>

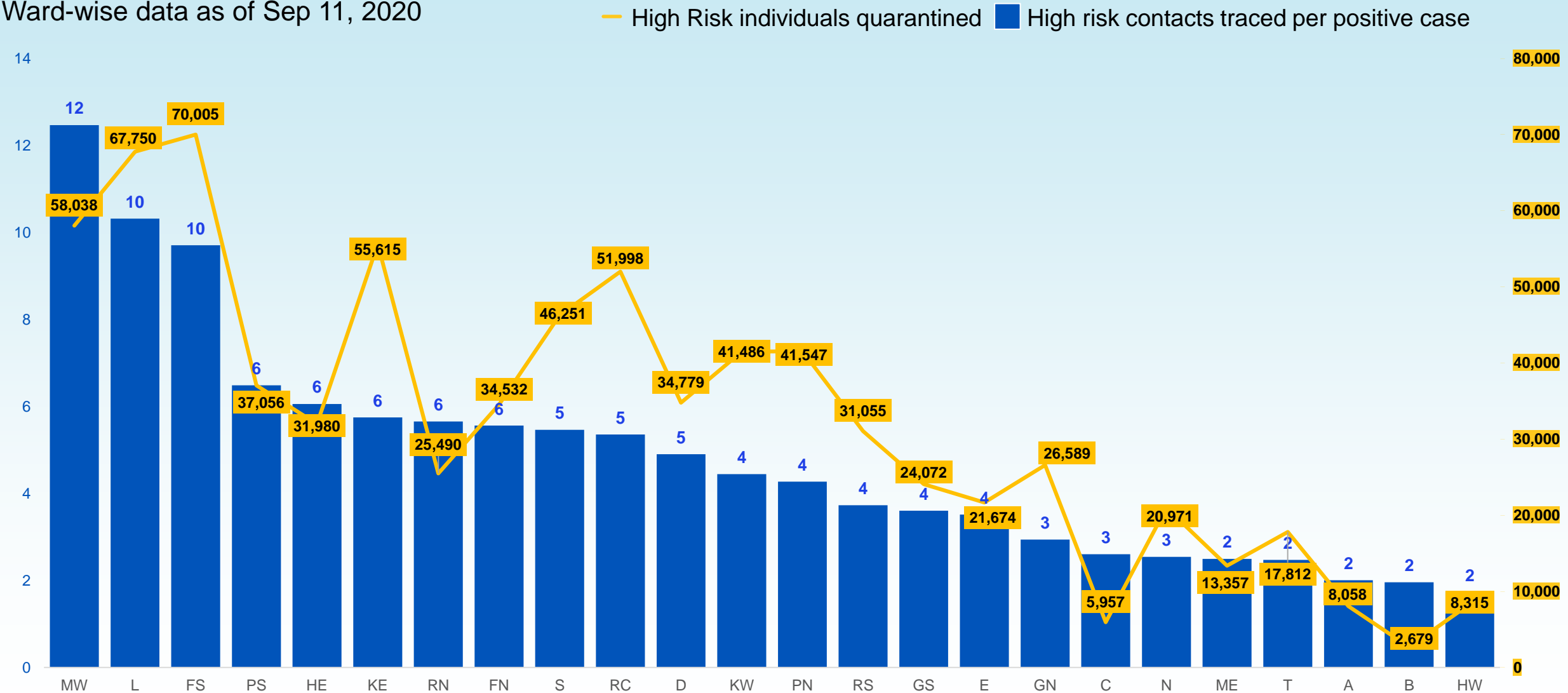


\* Data for Ward RN is updated as of Aug 10  
1 Data since June 03, 2020; Source – Operation – Chase the virus

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

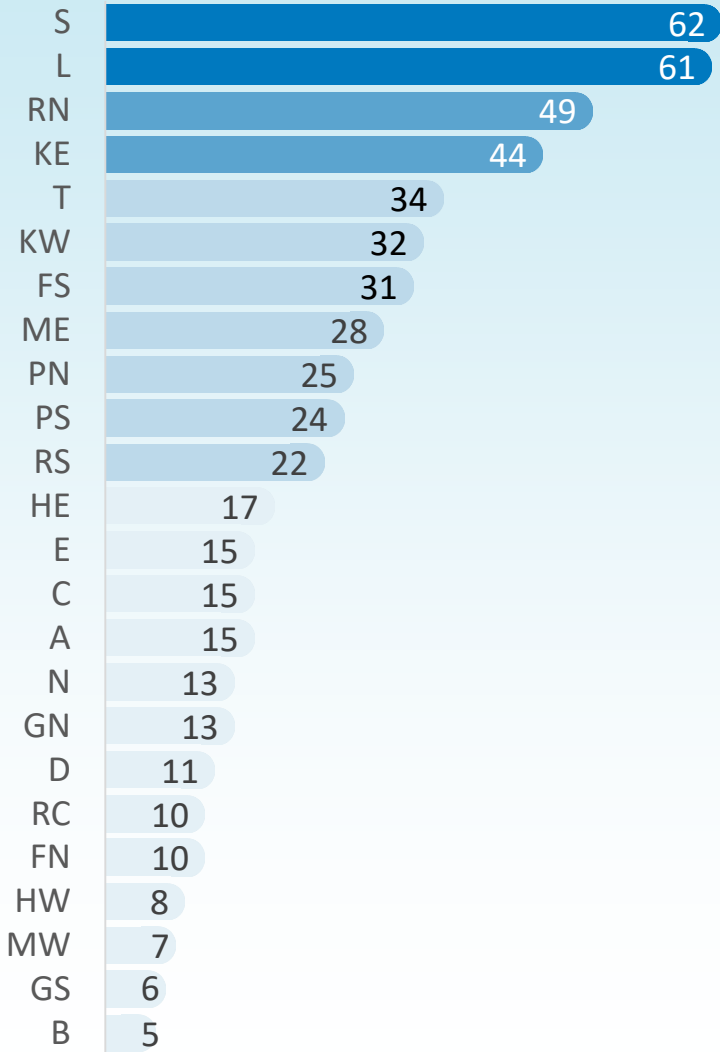
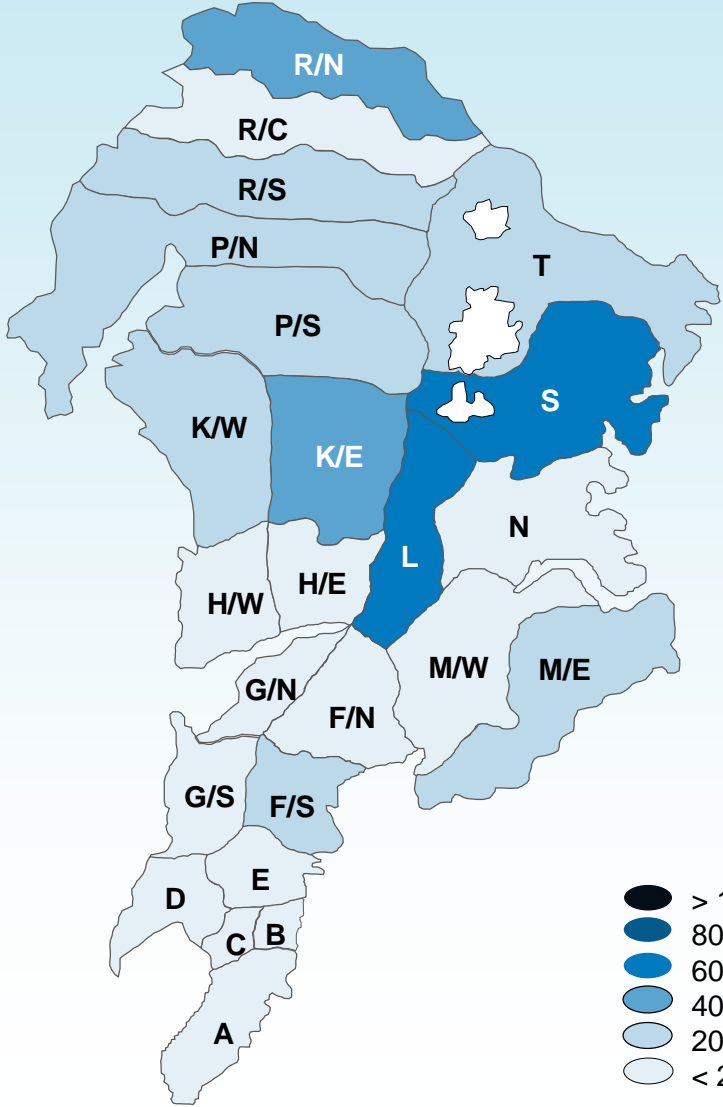


Ward-wise data as of Sep 11, 2020



# Ward-wise containment zones – slums and chawls

As of Sep 11, 2020



**557** *Active*  
 Containment Zones

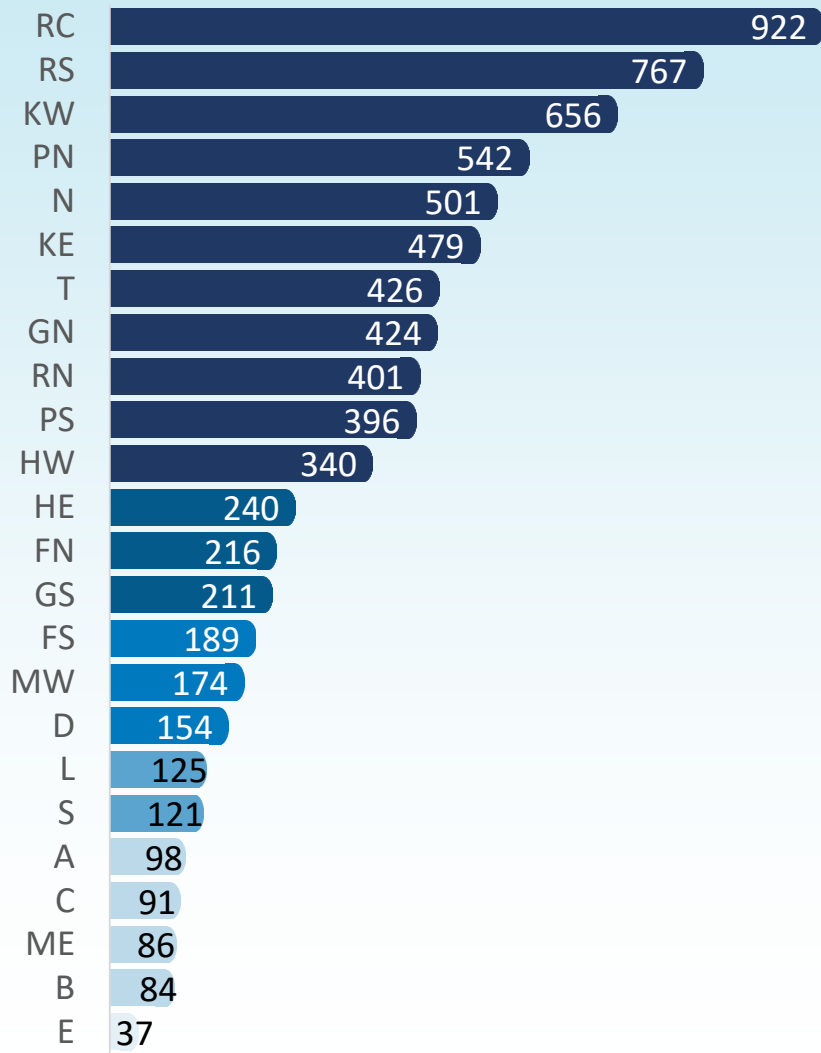
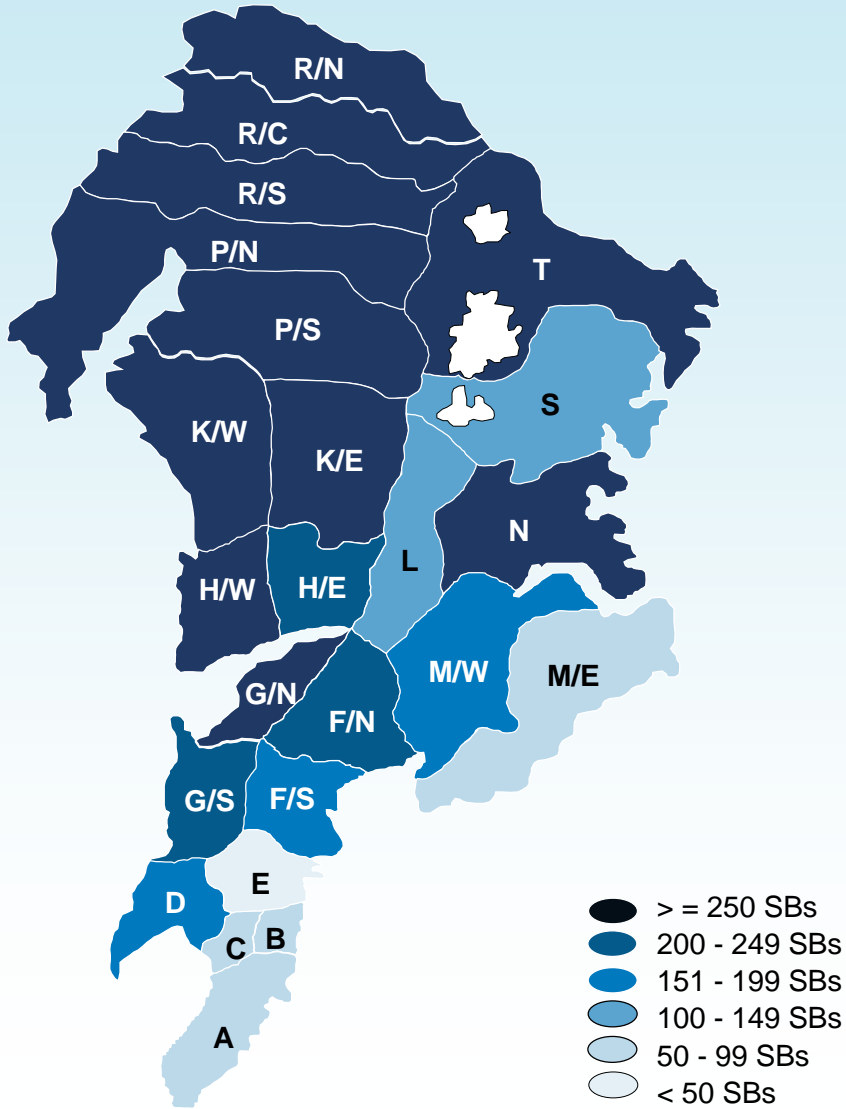
**7.8** *lacs*  
 No. of Households

**34.2** *lacs*  
 Population

**1,024** *Released*  
 Containment Zones

# Ward-wise sealed buildings

As of Sep 11, 2020



**7,680** *Active*  
 Sealed Buildings

**2.4** *lacs*  
 No. of Households

**8.6** *lacs*  
 Population

**23,392** *Released*  
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

**Status of COVID19 Positive Cases**

Bed Capacity

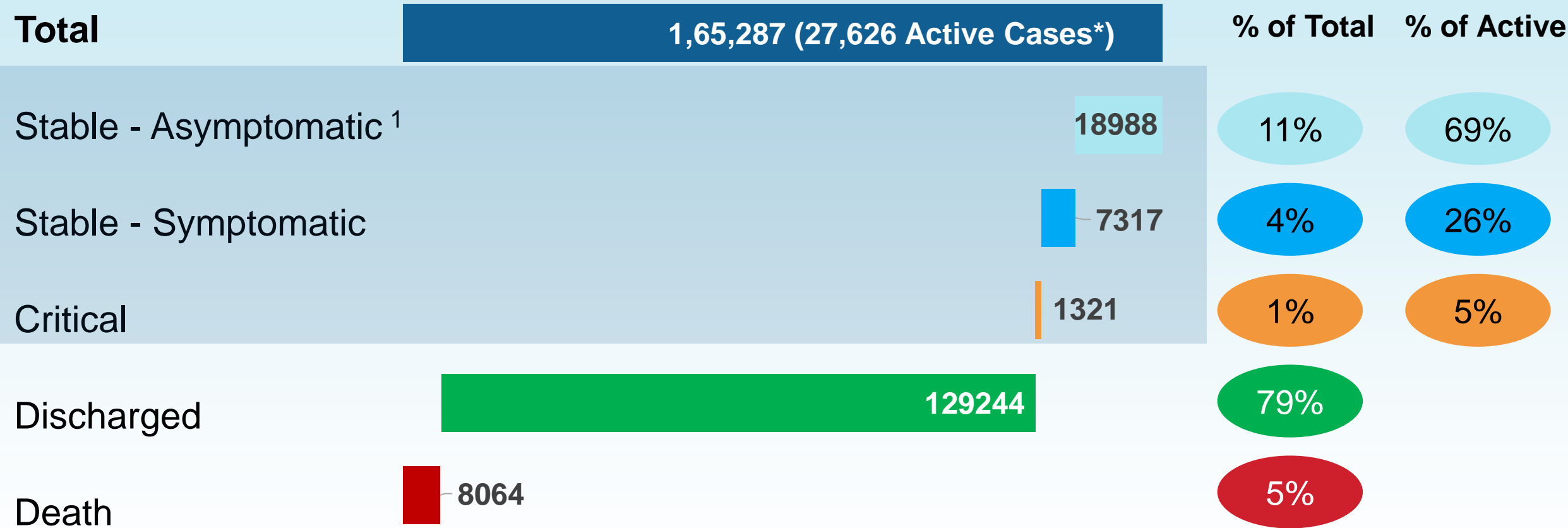
Other initiatives





# Case summary for Mumbai

As of Sep 11, 2020



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

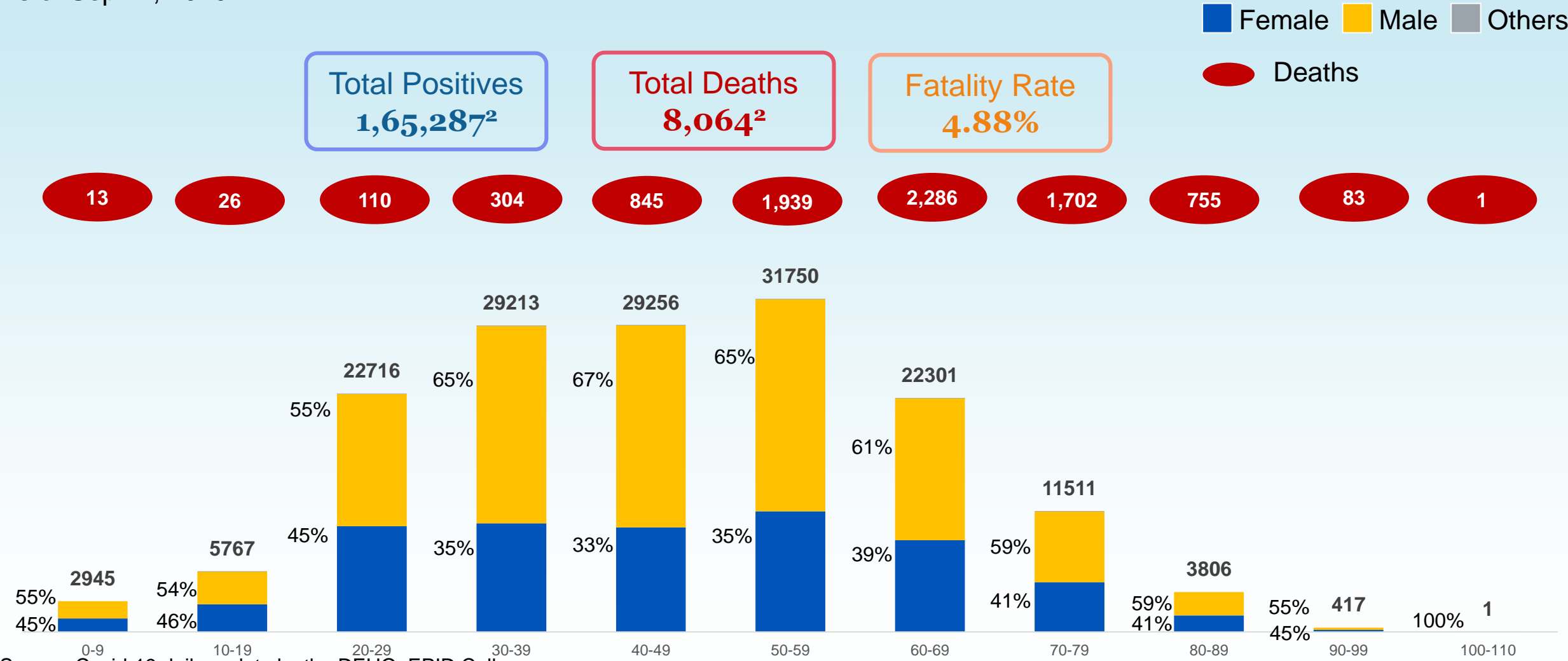
1 As per NCDC ICMR Report, Hospitalized status report (after deducting critical patients) has been considered as Symptomatic; Home Isolation and CCC2 has been considered as Asymptomatic; Difference between the total cases and the above classifications (8,344 cases) has been added to "Stable – Asymptomatic" cases

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

Data subject to change after scrutiny and ongoing verification process

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

As of Sep 11, 2020<sup>1</sup>



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

<sup>1</sup> Total Age and sex-wise break up is available 1,59,683 cases; age-wise breakup of deaths available for 8,064 cases

<sup>2</sup> As on Sep 11

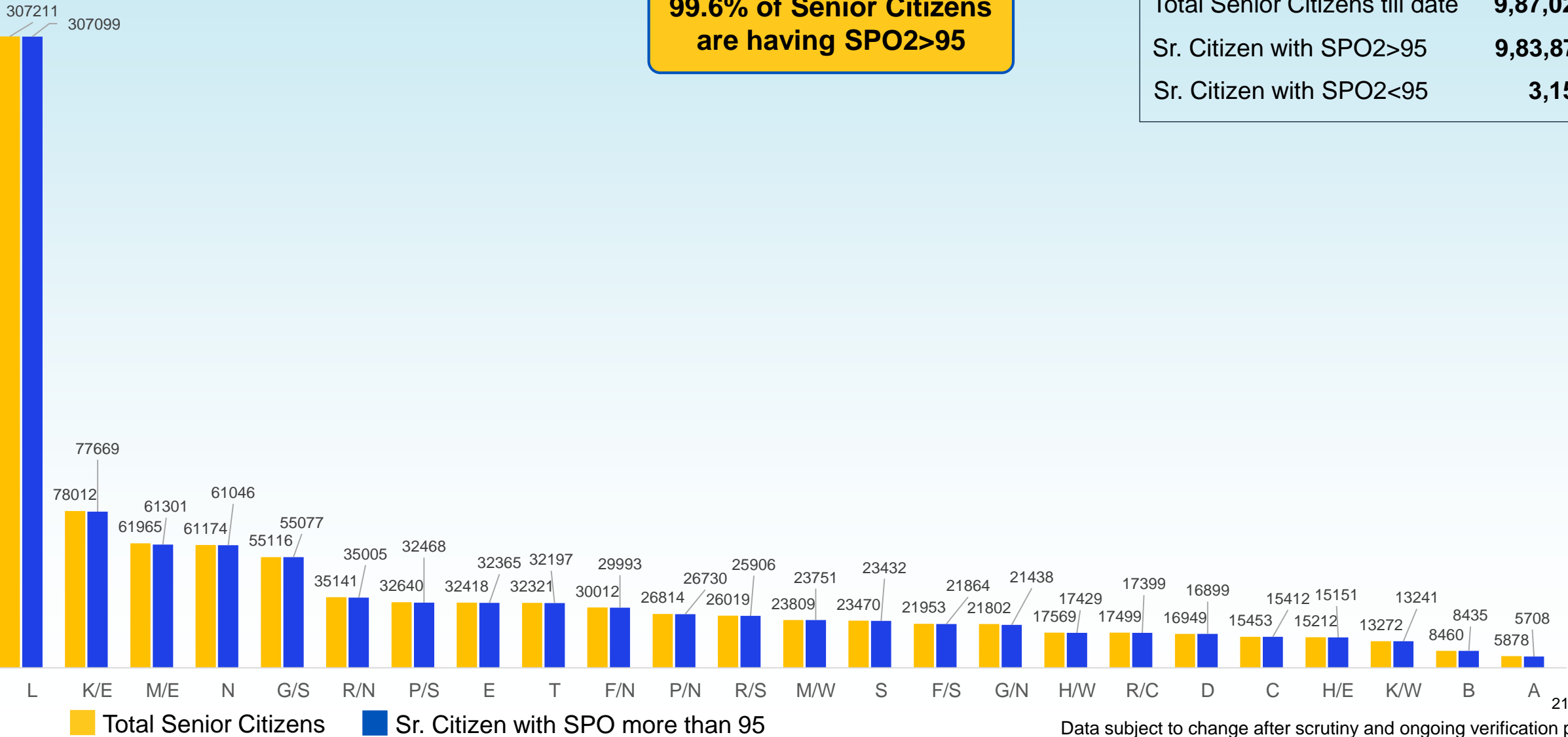


# Proactive screening of elderly to protect them and contain mortality

Ward-wise data(progressive) till Sep 11, 2020

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

Population Screened till date	1,79,43,331
Total Senior Citizens till date	9,87,027
Sr. Citizen with SPO2>95	9,83,873
Sr. Citizen with SPO2<95	3,154



# Proactive screening of elderly to protect them and contain mortality

Ward-wise data for Sep 11, 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>39,179</b>	<b>146,030</b>	<b>6,287</b>	<b>6,286</b>	<b>1</b>
M/E	604	2,407	175	173	2
A	385	1,629	20	19	1
R/C	576	1,937	29	28	1
B	300	1,220	43	43	0
C	448	1,551	61	61	0
D	552	2,363	194	194	0
E	1,507	4,769	195	195	0
F/S	758	3,167	96	96	0
F/N	455	1,987	187	187	0
G/S	3,297	12,776	280	280	0
G/N	-	-	-	-	-
H/E	290	1,140	36	36	0
H/W	581	1,989	128	128	0
K/W	360	1,384	64	64	0
P/S	985	3,840	142	142	0
P/N	2,820	10,996	211	211	0
R/S	3,970	15,664	158	158	0
R/N	6,764	20,904	313	313	0
L	4,462	20,768	1,773	1,773	0
M/W	1,399	4,496	176	176	0
N	1,227	4,934	175	175	0
S	1,170	4,104	117	117	0
T	411	4,225	115	115	0
K/E	-	-	-	-	-

Summary till date

**1,79,43,331<sup>\*</sup>**

Total Population covered till date

**9,87,027**

Senior Citizens covered till date

**9,83,873**

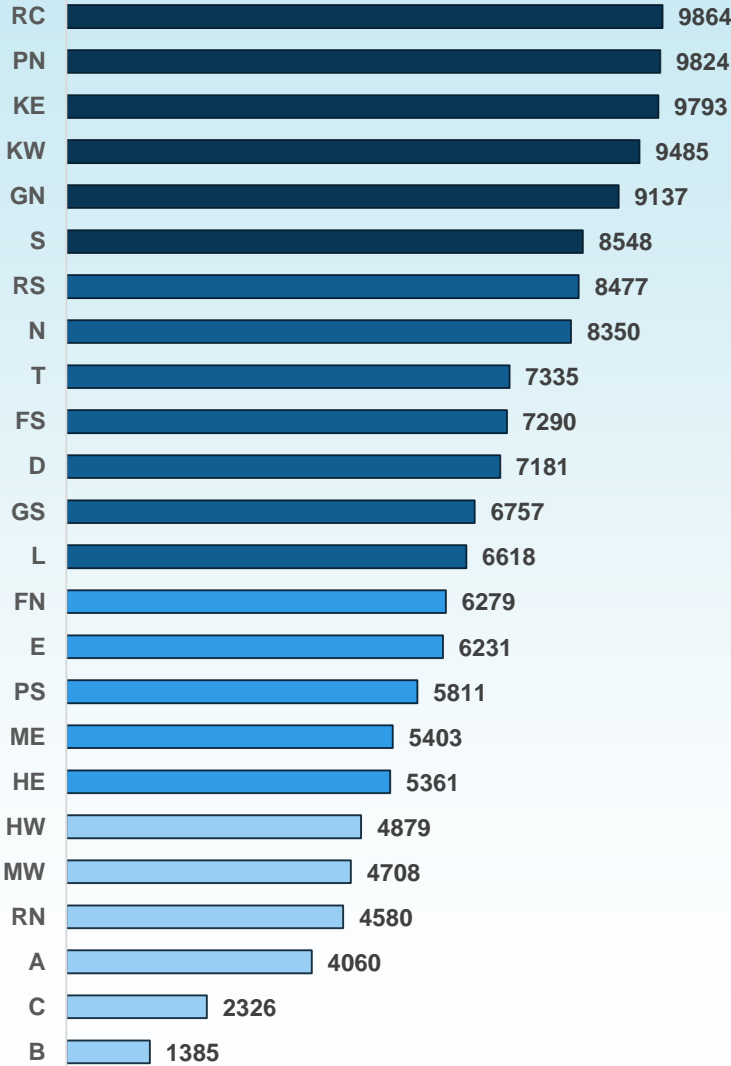
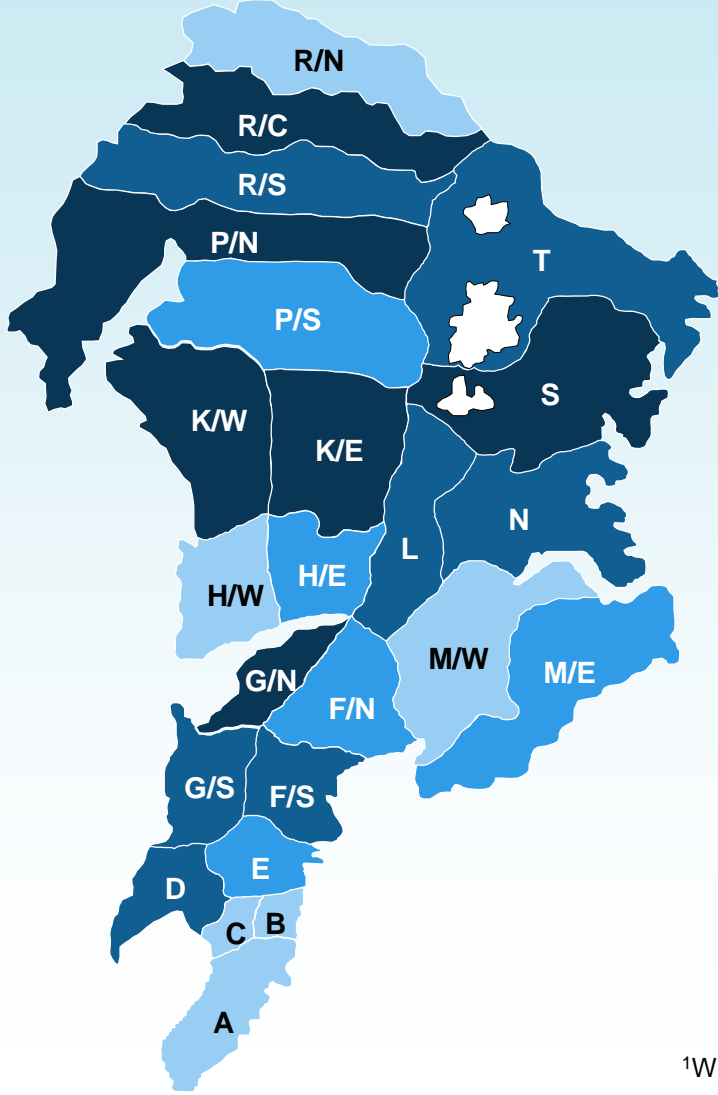
Senior Citizens with SPO2>95  
till date

**3,154**

Senior Citizens with SPO2<95  
till date

# Ward-wise breakdown of positive cases

As of Sep 11, 2020



7599	307	1958
8214	373	1237
7875	561	1357
7497	345	1643
7422	519	1196
6840	488	1220
6585	254	1638
6627	426	1297
5796	185	1354
6060	389	841
5695	264	1222
5603	426	728
5405	473	740
5021	325	933
5089	311	831
4617	251	943
4424	325	654
4238	360	763
3930	210	739
3840	310	558
3452	165	963
3439	75	546
1948	108	270
1102	97	186
128318	7547	23817

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

**Total Positives**  
**1,65,287<sup>1</sup>**

**Total Active**  
**23,817<sup>1</sup>**

Active = Positive – Discharges – Death

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

<sup>1</sup>Ward-wise breakup is available for 1,59,682 cases (23,817 Active), Total

<sup>2</sup>Discharges as on Sep 11, Available for 1,28,318 cases,

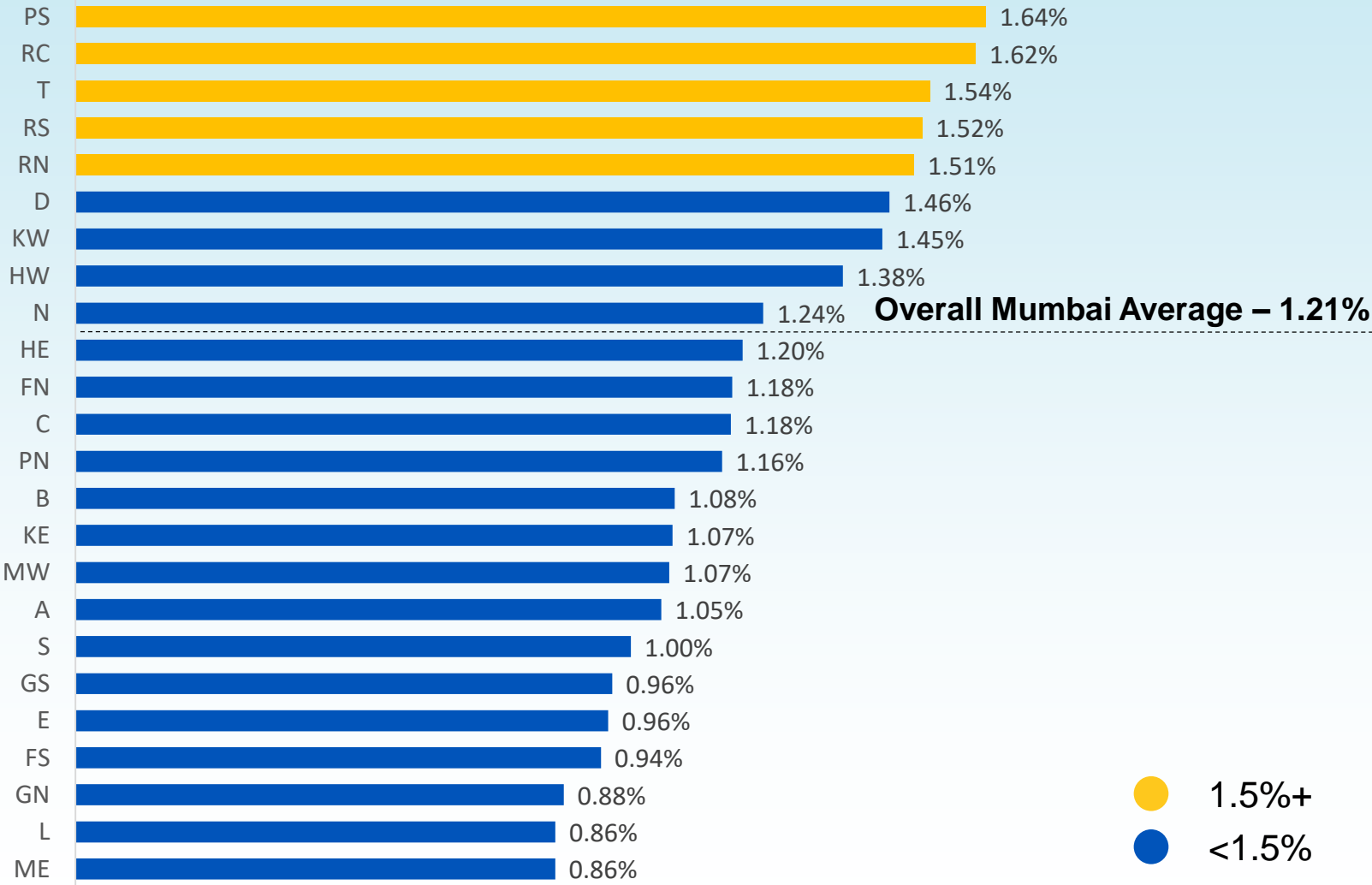
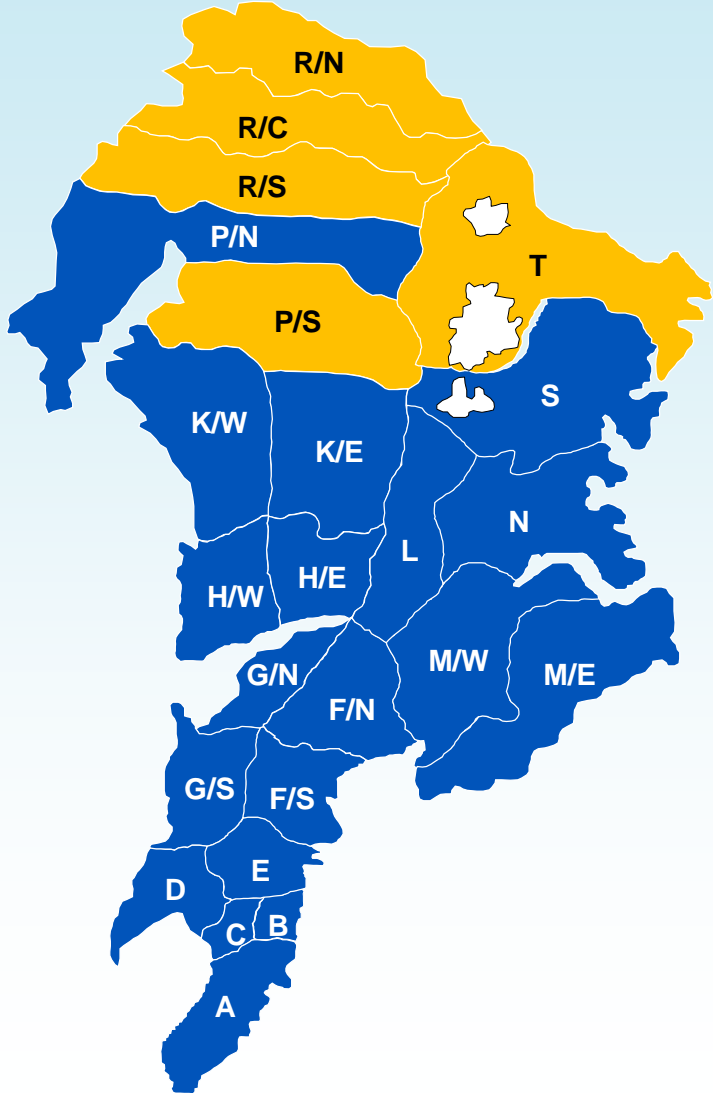
<sup>3</sup>Deaths as on Sep 11, Available for 7,547 cases

Ward wise reconciliation for Discharged, Deaths and Active is on going <sup>23</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 11, 2020



# Ward-wise new cases

Positive cases for the last 7 days till Sep 11, 2020<sup>1</sup>

Date of report	PS	RC	T	RN	RS	D	KW	HW	N	HE	C	FN	PN	B	KE	MW	A	S	GS	E	FS	GN	L	ME	Grand Total
Area>>>	Goregaon	Borivali	Mulund	Dahisar	Kandivali	Grant Road	Andheri W	Bandra	Ghatkopar	Khar	Marine Lines	Matunga	Malad	Sandhurst Road	Andheri E	Chembur W	Colaba	Bhandup	Elphinstone	Byculla	Parel	Dadar	Kurla	Chembur E	
As on 04th Sep	5187	8816	6593	4125	7627	6487	8576	4433	7662	4932	2143	5784	9061	1285	9088	4371	3773	7974	6318	5829	6826	8595	6232	5088	146805
05-Sep	86	129	111	54	114	83	118	48	119	48	32	69	85	5	99	43	39	98	29	45	54	82	47	32	1669
06-Sep	95	160	89	68	113	105	134	71	91	48	27	80	103	15	123	37	50	66	59	51	47	71	64	40	1807
07-Sep	91	125	101	40	121	63	115	67	103	77	17	58	91	13	76	37	40	69	64	38	41	69	58	40	1614
08-Sep	70	118	92	35	75	131	94	38	79	42	21	47	74	10	92	30	47	68	51	49	60	41	32	29	1425
09-Sep	91	169	128	85	133	109	169	68	87	59	21	83	158	19	87	72	42	109	67	78	81	95	49	56	2115
10-Sep	93	196	96	102	147	118	127	69	108	74	29	91	152	22	111	66	28	83	94	75	104	89	84	69	2227
11-Sep	98	151	125	71	147	85	152	85	101	81	36	67	100	16	117	52	41	81	75	66	77	95	52	49	2020
As on 11th Sep	5811	9864	7335	4580	8477	7181	9485	4879	8350	5361	2326	6279	9824	1385	9793	4708	4060	8548	6757	6231	7290	9137	6618	5403	159682
Days to double	43	43	45	46	46	48	48	51	56	58	59	59	60	65	65	65	66	70	72	73	74	79	81	81	58

**Wards <= 50 days to double**

- Ward PS
- Ward RC
- Ward T
- Ward RN
- Ward RS
- Ward D
- Ward KW

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 11, 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**

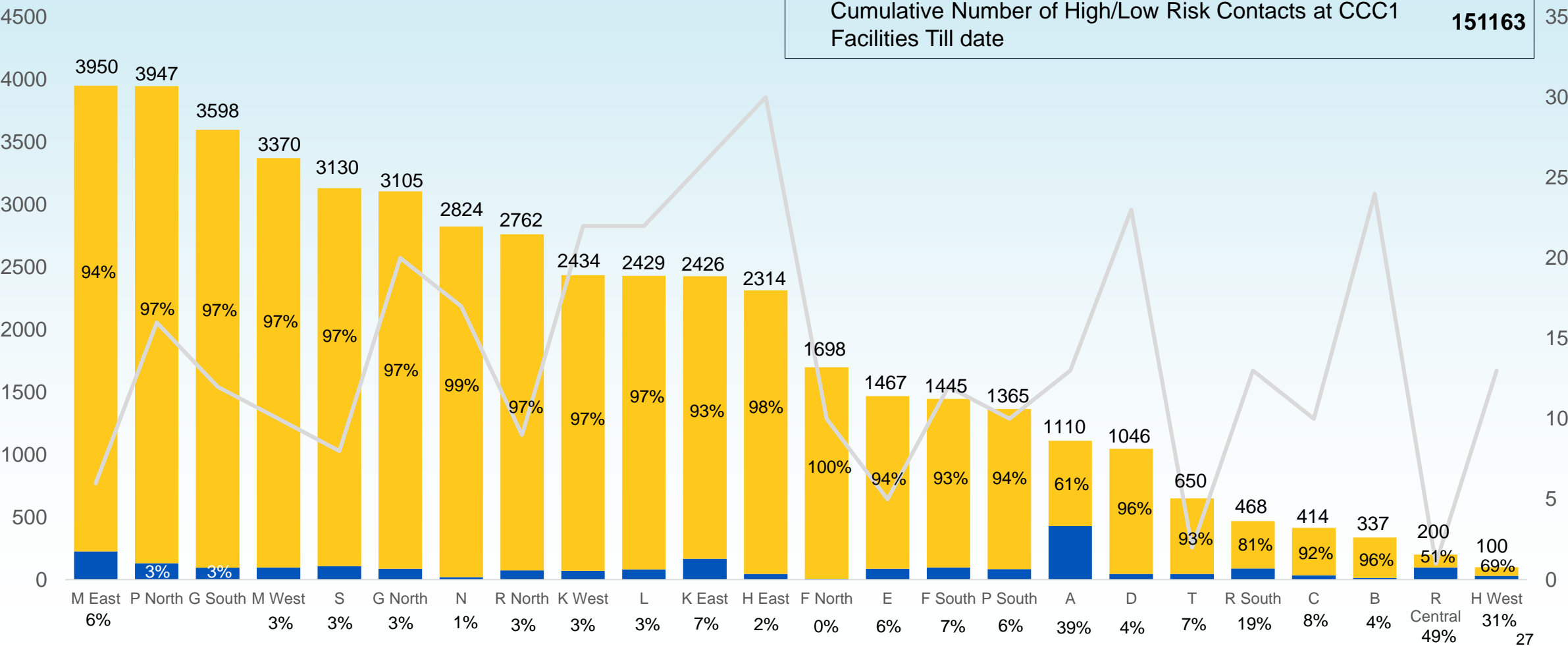
Other initiatives



# Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 11, 2020

No. of CCC1 Facilities identified for High/Low Risk Contacts	334
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2265
Available capacity	44324
Total Capacity	46589
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	151163



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

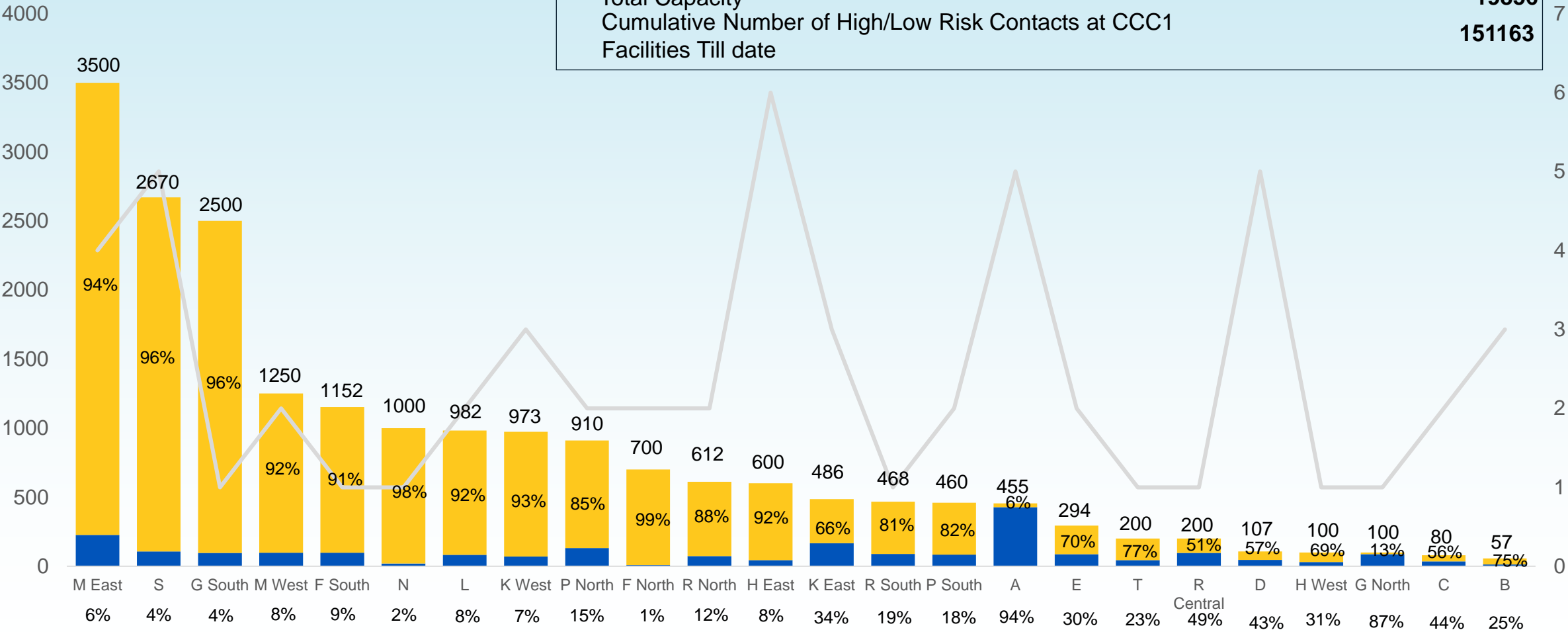
Data subject to change after scrutiny and ongoing verification process



# Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 11, 2020

No. of ACTIVE and BUFFER CCC1 Facilities identified for High/Low Risk Contacts	58
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2265
Available capacity	17591
Total Capacity	19856
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	151163



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

Data subject to change after scrutiny and ongoing verification process

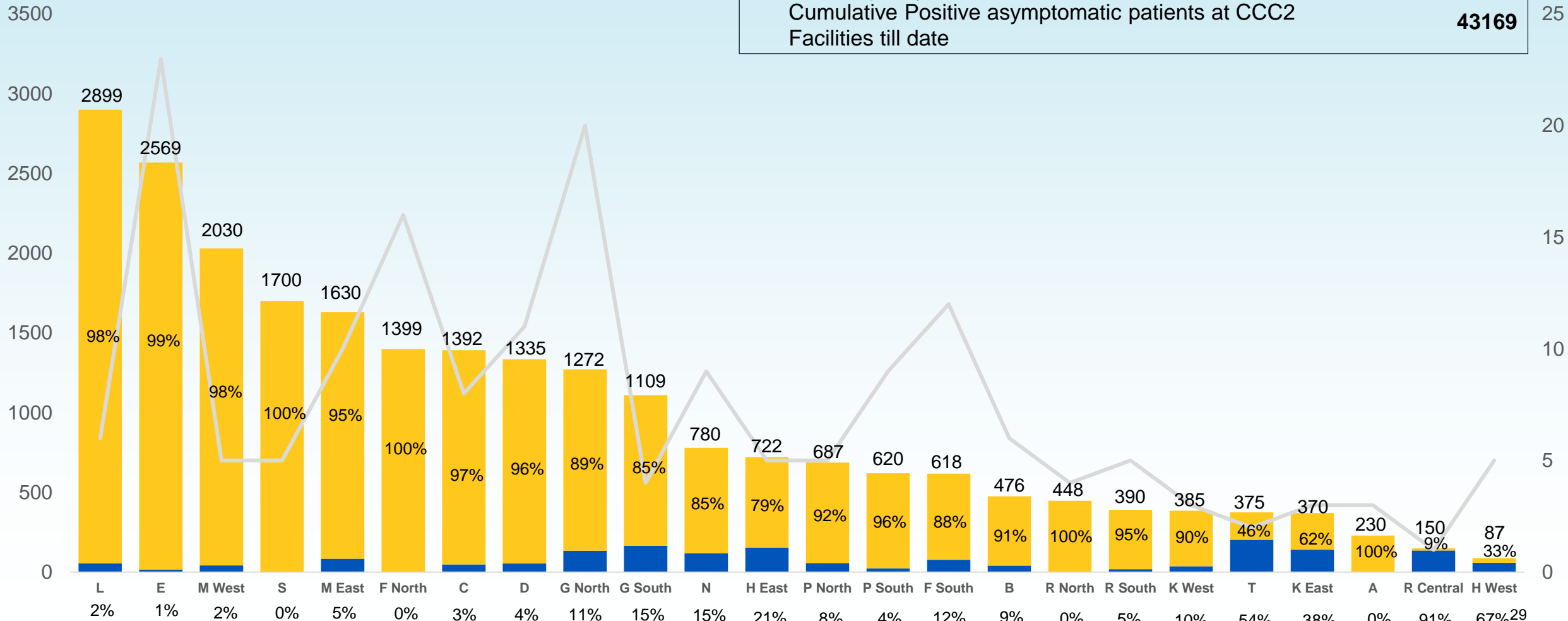




# Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 11, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	180
Number of positive asymptomatic patients shifted to CCC2 Facilities	1667
Available capacity	22006
Total Capacity	23673
Cumulative Positive asymptomatic patients at CCC2 Facilities till date	43169



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

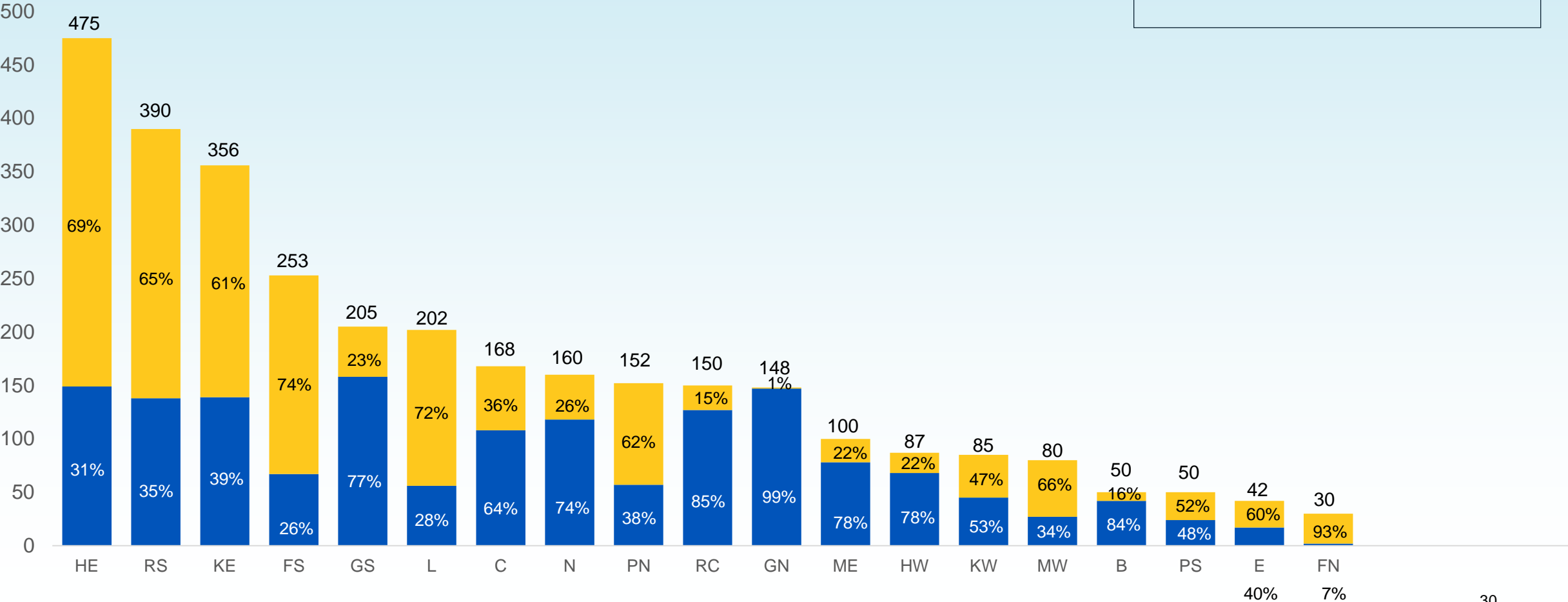
Data subject to change after scrutiny and ongoing verification process



# Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 11, 2020

Beds occupied	1567
Available capacity	1616
Total capacity	3183
Cumulative patients till date	36866



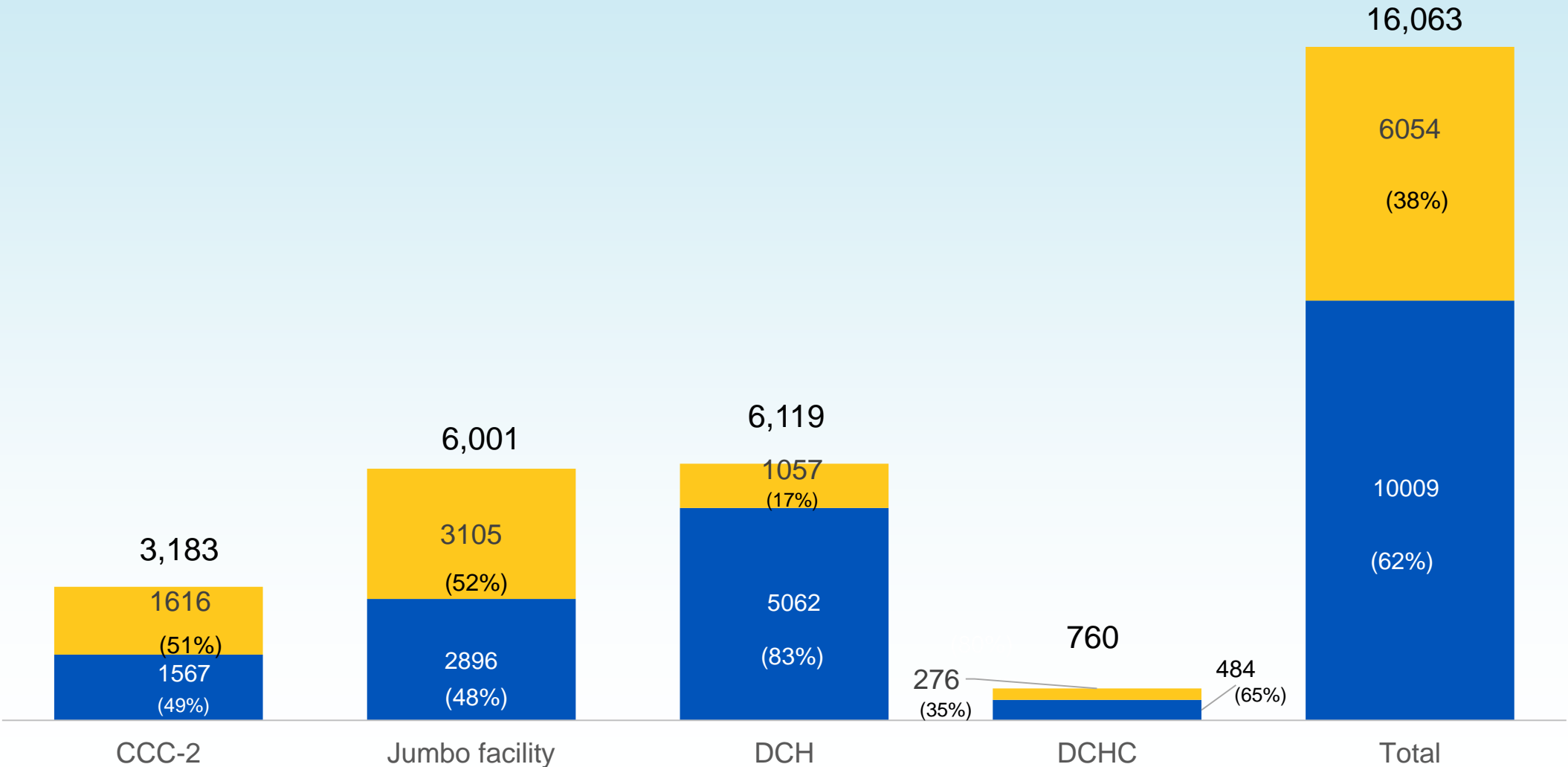
Source: "CCC2 line list"

Data subject to change after scrutiny and ongoing verification process

# Summary of total bed capacity

As of Sep 11, 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 04:30 PM, Sep 12, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
<b>Total</b>	<b>12,880</b>	<b>8,442</b>	<b>4,438</b>
ICU Beds	1,417	1,336	81
Regular	1,373	1,306	67
Modular	10	9	1
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	11,463	7,106	4,357
Quarantine for Suspect	892	527	365
Isolation for Positives	10,181	6,404	3,777
Pregnancy	213	56	157
Others (Cancer + Dialysis)	177	119	58
<i>O2 Beds*</i>	7,852	4,952	2,900
<i>Ventilators*</i>	947	900	47

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 04:30 PM, Sep 12, 2020 , Subject to change

			COVID Beds				
			Total	ICU Beds	Normal Beds	O2 Beds*	Ventilators*
Capacity	Total		12,880	1,417	11,463	7,852	947
	Public	Hospitals	4,552	632	3,920	2,526	518
		Jumbo	6,001	256	5,745	3,894	158
	Pvt	Hospitals	2,327	529	1,798	1,432	271
Occupancy	Total		8,442	1,336	7,106	4,952	900
	Public	Hospitals	3,421	599	2,822	2,046	497
		Jumbo	2,896	227	2,669	1,609	142
	Pvt	Hospitals	2,125	510	1,615	1,297	261
Vacancy	Total		4,438	81	4,357	2,900	47
	Public	Hospitals	1,131	33	1,098	480	21
		Jumbo	3,105	29	3,076	2,285	16
	Pvt	Hospitals	202	19	183	135	10

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



## Key Trends

Contact tracing and home quarantine

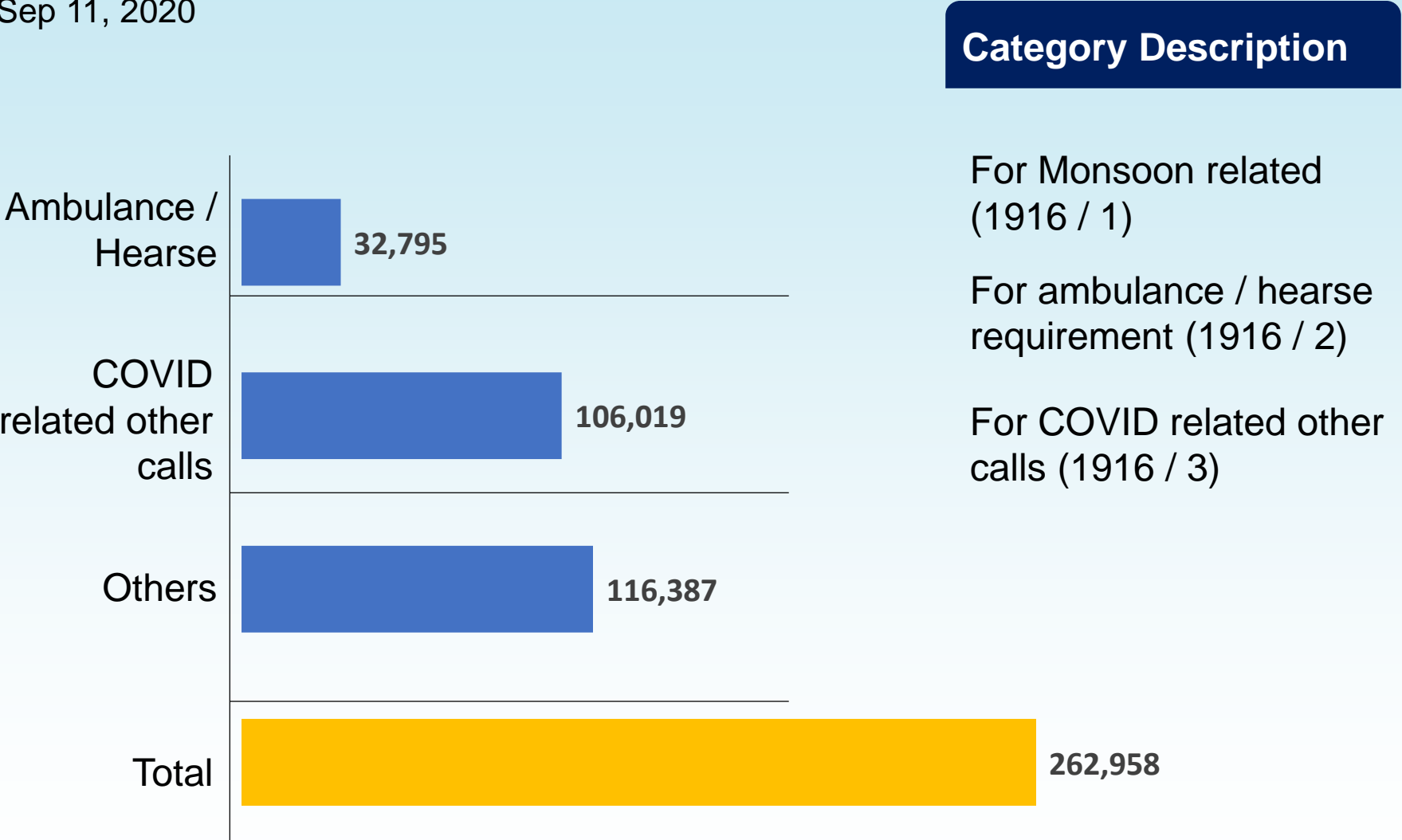
Status of COVID19 Positive Cases

Bed Capacity

**Other initiatives**

# Call Center update

For all calls received from April 24 to Sep 11, 2020





# Management of Waste from Quarantined Areas

## September 8, 2020



### Waste Collected (in Kgs)

COVID BMW (in Kgs)  
**13,189**

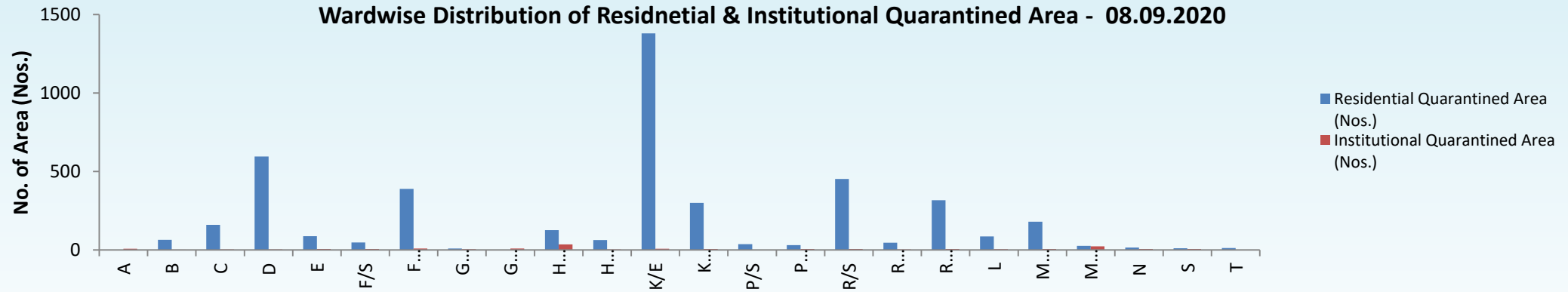
MCGM Quarantine BMW (in Kgs)  
**2,811**

Total BMW (in Kgs):  
**16,000.0**

Total MSW Collected by MCGM from Quarantined Area (in Kgs):  
**65,100.0**

Total MSW & BMW Collected by MCGM from Quarantined Area(in Kgs): **81,100**

Wardwise Distribution of Residential & Institutional Quarantined Area - 08.09.2020



Wardwise Distribution of Total BMW & MSW Collected- 08.09.2020



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

# Thank you

