

# BMC Covid-19 Response War Room Dashboard

Sep 28, 2020



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# Mumbai COVID19 status at a glance

As of Sep 27, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 01:00 PM, Sep 28, 2020)		CCC1 Facilities			Contact Tracing	Past 24hrs	Cumulative
Total Positive	1,98,720	Bed Capacity (DCHC+DCH+CCC2)	18,009	Facilities (#)	Bed Capacity	Occupancy	Total Traced	25,403	29,64,603
Discharged	1,62,939	Occupied	11,178				High Risk	15,244	11,73,276
Deaths	8,791	Available	6,831	Total	335	46,677	1,901	Low Risk	17,91,327
Deaths with Age > 50yrs – 7,414)		DCH & DCHC Bed Capacity	14,859	Active	42	17,535	1,901	Total Quarantine Completed	25,37,227
Total Active	26,593	Occupied	9,619	Buffer	17	2,373	-	Currently in Home Quarantine	4,25,475
Stable – Asymptomatic	17,502	Available	5,240	Reserve <sup>#</sup>	276	26,769	-	Others	
Stable - Symptomatic	7,650	ICU Bed Capacity	1,917	CCC2 Facilities			Active Containment Zones – Slums & Chawls		676
Critical	1,441	Occupied	1,714	Facilities (#)	Bed Capacity	Occupancy	Released Containment Zones – Slums & Chawls		1,112
Tests Done (till date)	10,91,537	Available	203	Total	181	23,725	1,570	Active Sealed Buildings	10,298
% of Positive (till date)	18.21	O2 Bed Capacity	9,004	Active	24	2,964	1,570	Released Sealed Buildings	29,214
		Occupied	5,777	Buffer	13	2,265	-	Calls Centre Calls Flow	284,391
		Available	3,227	Reserve <sup>#</sup>	144	18,496	-		
		Ventilator Bed Capacity	1,128	# Facilities that have been deactivated and can be used as per need					
		Occupied	1,023						
		Available	105						

## Ward wise positive cases

Wards	RC	HW	KW	D	PS	RS	RN	T	PN	FN	KE	MW	C	HE	A	E	S	ME	GS	N	L	GN	B	FS	Overall
Positive Cases	12743	6310	11997	8912	7070	10492	5714	8954	11788	7612	11632	5669	2806	6323	4840	7260	9875	6309	7774	9683	7534	10512	1635	8280	Mumbai
Days to double	45	49	53	56	57	57	63	63	64	65	69	69	71	74	75	76	79	84	87	88	89	91	95	98	67

1 Ward-wise break up is as on Sep 27, 2020, available for 1,91,724 cases

Data subject to change after scrutiny and ongoing verification process



## Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

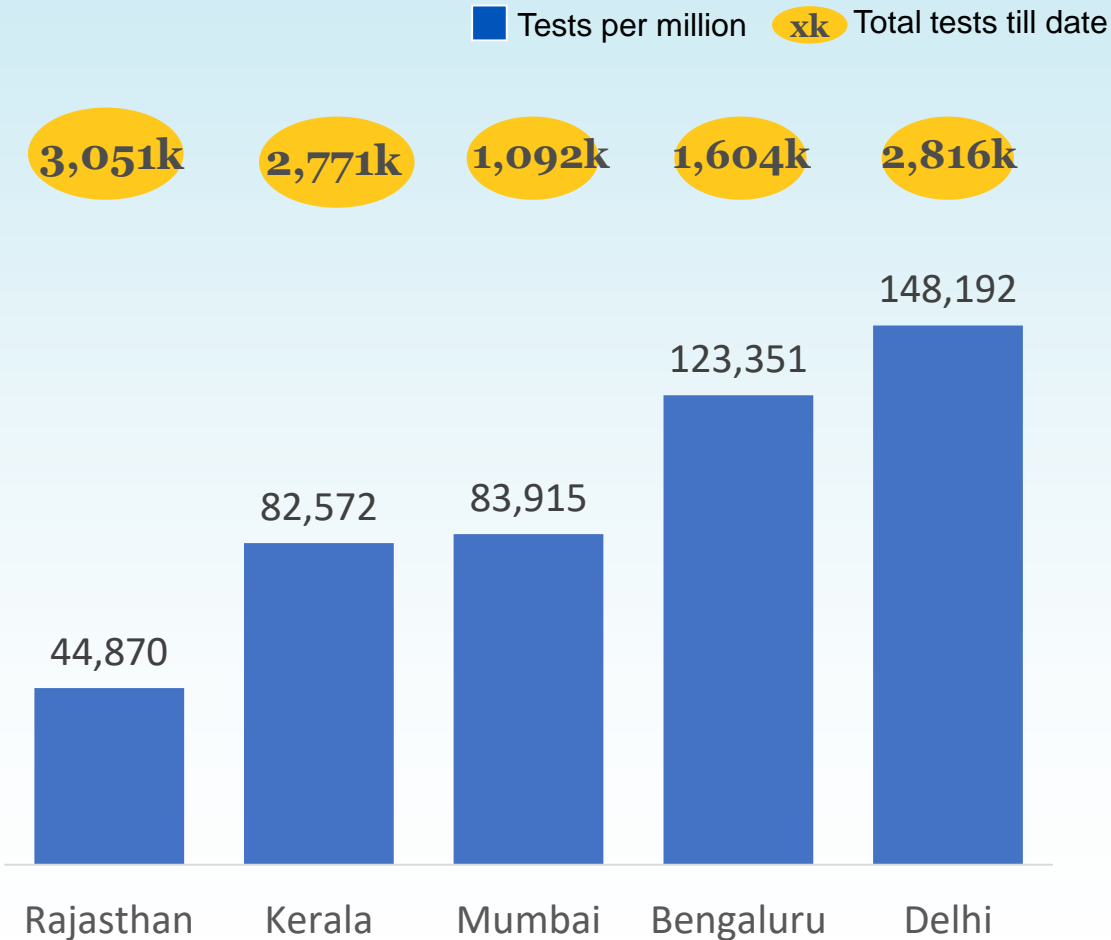
Bed Capacity

Other initiatives

# Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Sep 27, 2020

## Tests per million



Source: Government COVID bulletins as of Sep 27 2020

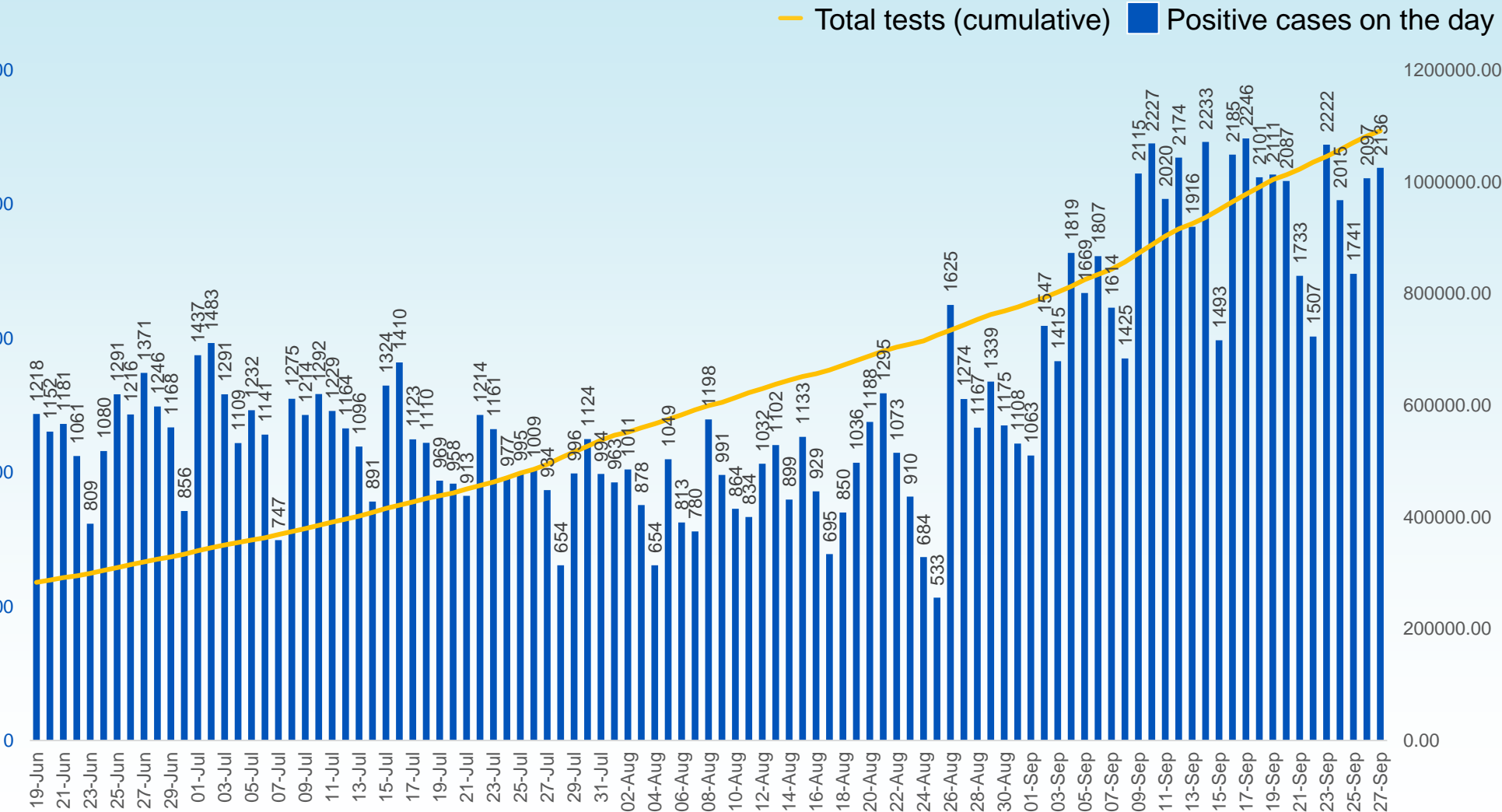
## Mumbai is one of the leading cities in tests per million compared to other cities

State	Cases	Tests	Tests per million
Bengaluru	220,847	1,603,561	123,351
<b>Mumbai</b>	<b>198,720</b>	<b>1,091,537</b>	<b>83,915</b>
Delhi*	264,450	2,815,648	148,192
West Bengal	247,425	3,098,657	34,343
Gujarat	133,057	4,228,756	68,206
Kerala	175,384	2,770,734	82,572
Maharashtra	1,339,232	6,628,317	53,646
Rajasthan	128,859	3,051,135	44,870
Tamil Nadu	580,808	7,100,660	212,673



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

Based on date of reporting, from Feb 03, 2020 to Sep 27, 2020



Summary till date

1,98,720<sup>1</sup>

Total positive cases

10,91,537

Total tests conducted<sup>2</sup>

18.21%

Positive cases as a % of total tests

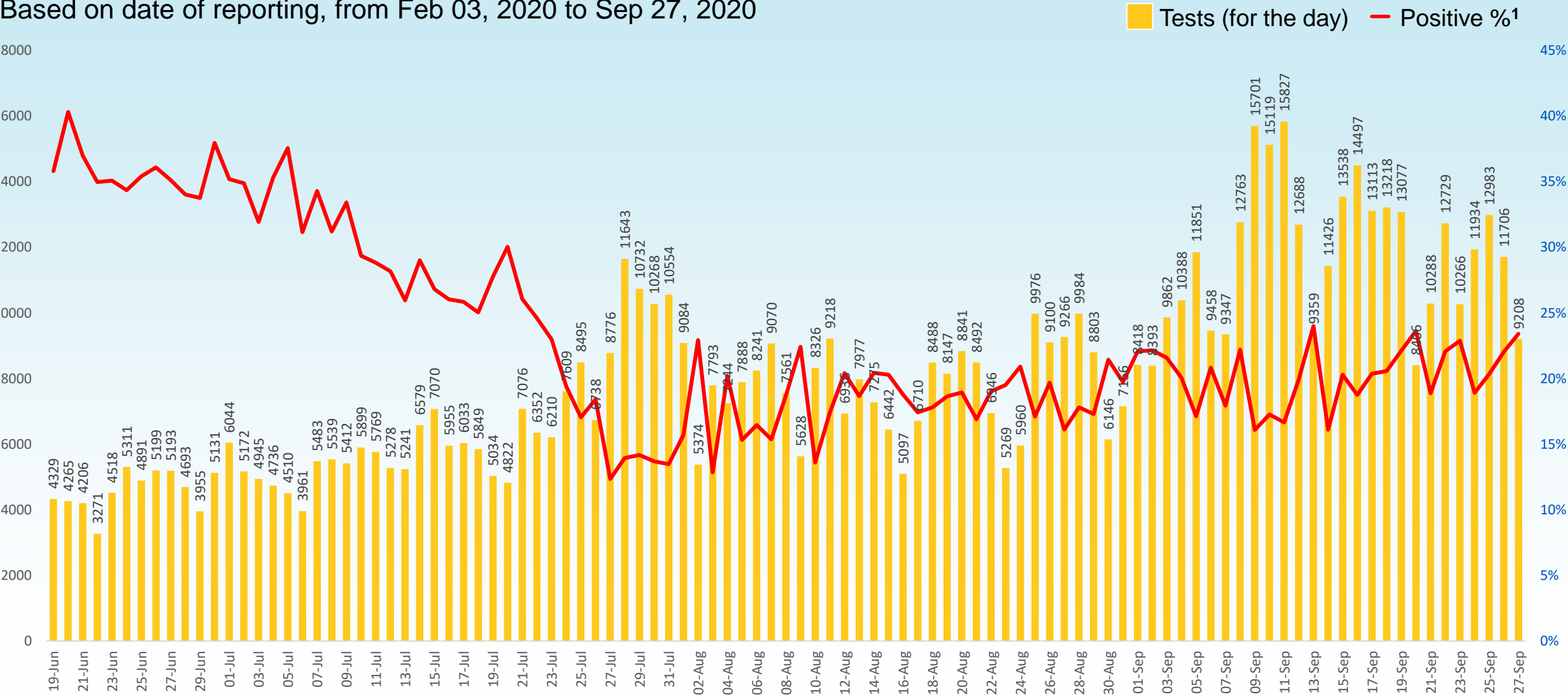
1 Total Positive cases as on Sep 27, Total cases as of Sep 27 as per line list is 1,91,724

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

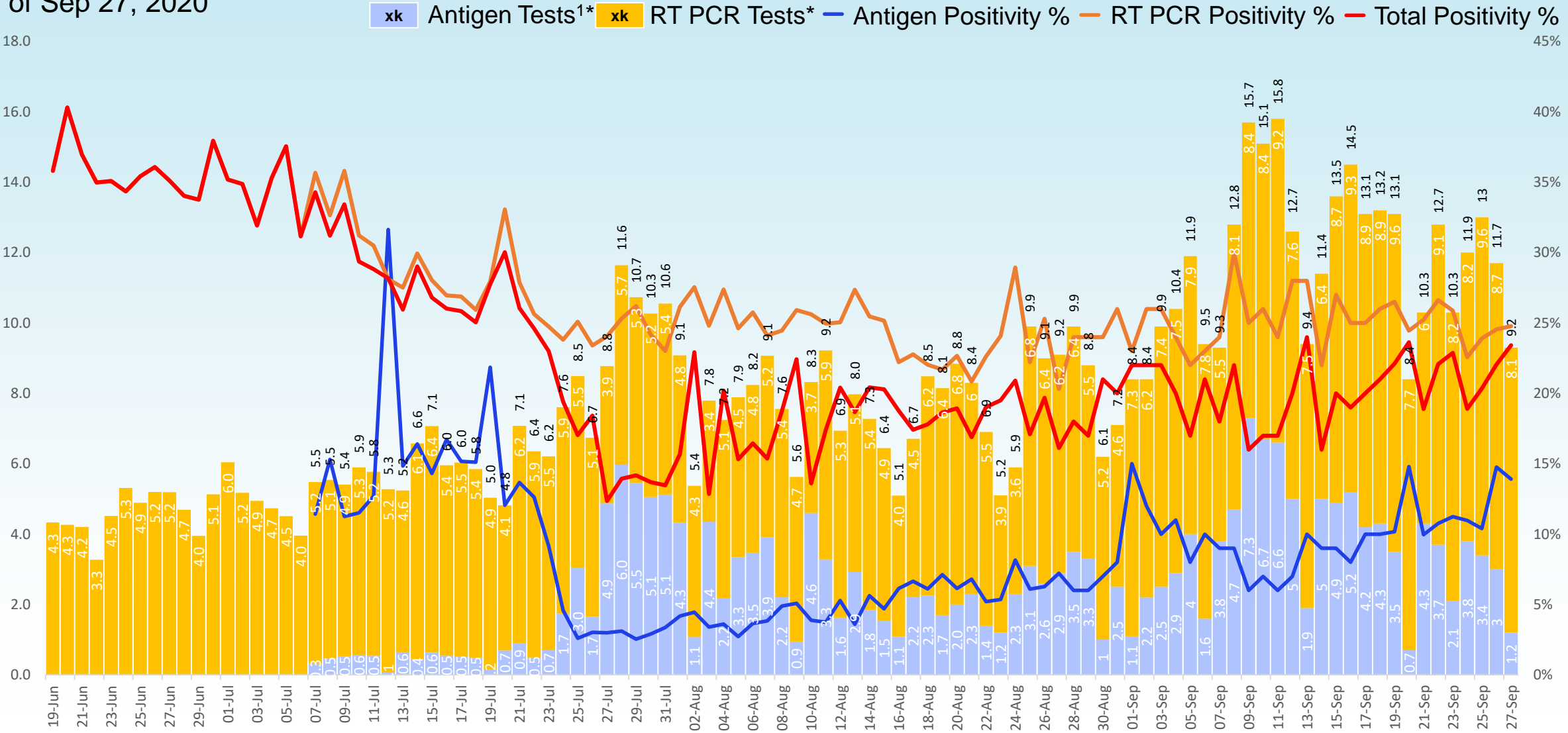
Based on date of reporting, from Feb 03, 2020 to Sep 27, 2020



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 (2%)  
 Source: Covid-19 daily update by the Public Health Department, BMC

# Trend of positive cases vis-à-vis Tests

As of Sep 27, 2020

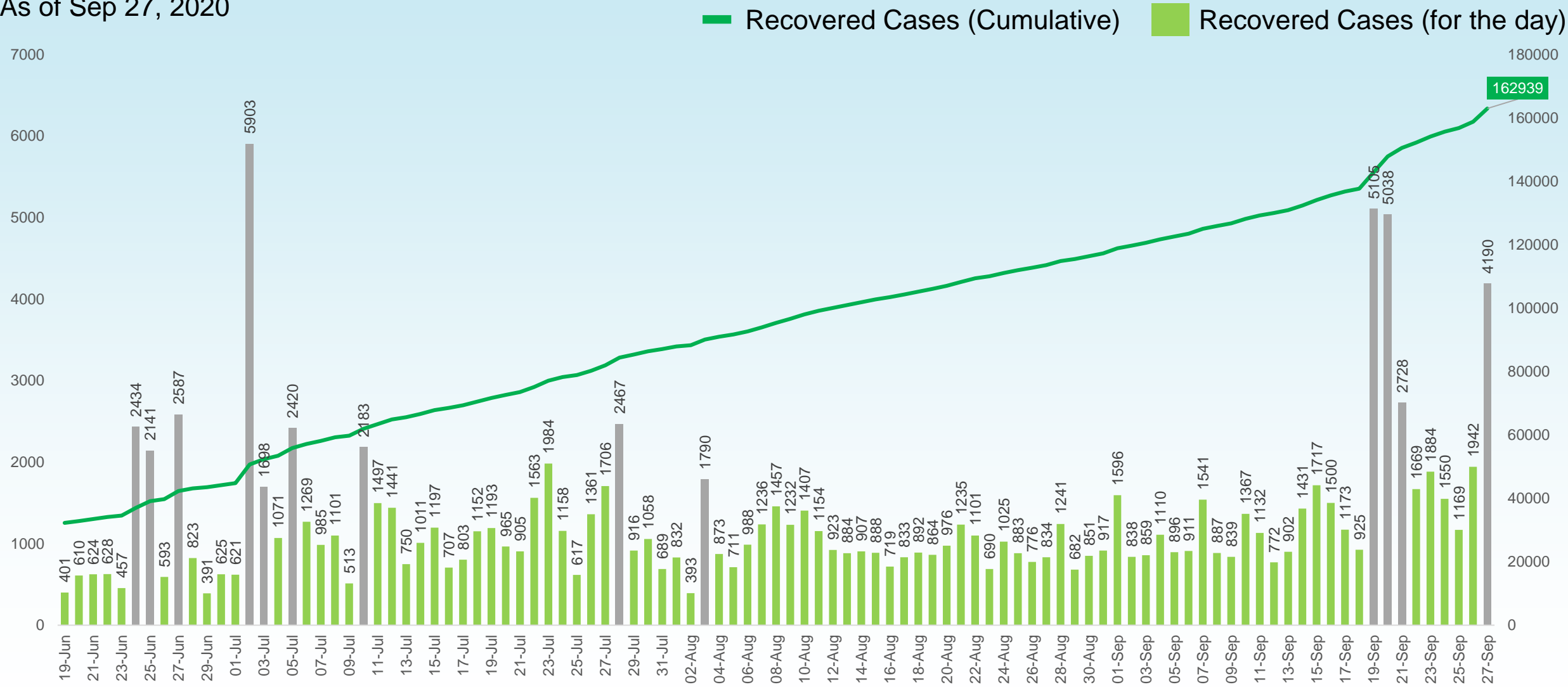


<sup>1</sup>Data for Antigen tests is available from Jul 07 onwards

\*The tests data is in thousands  
 Data subject to change after scrutiny and ongoing verification process

# Trend of Recovered Cases

As of Sep 27, 2020

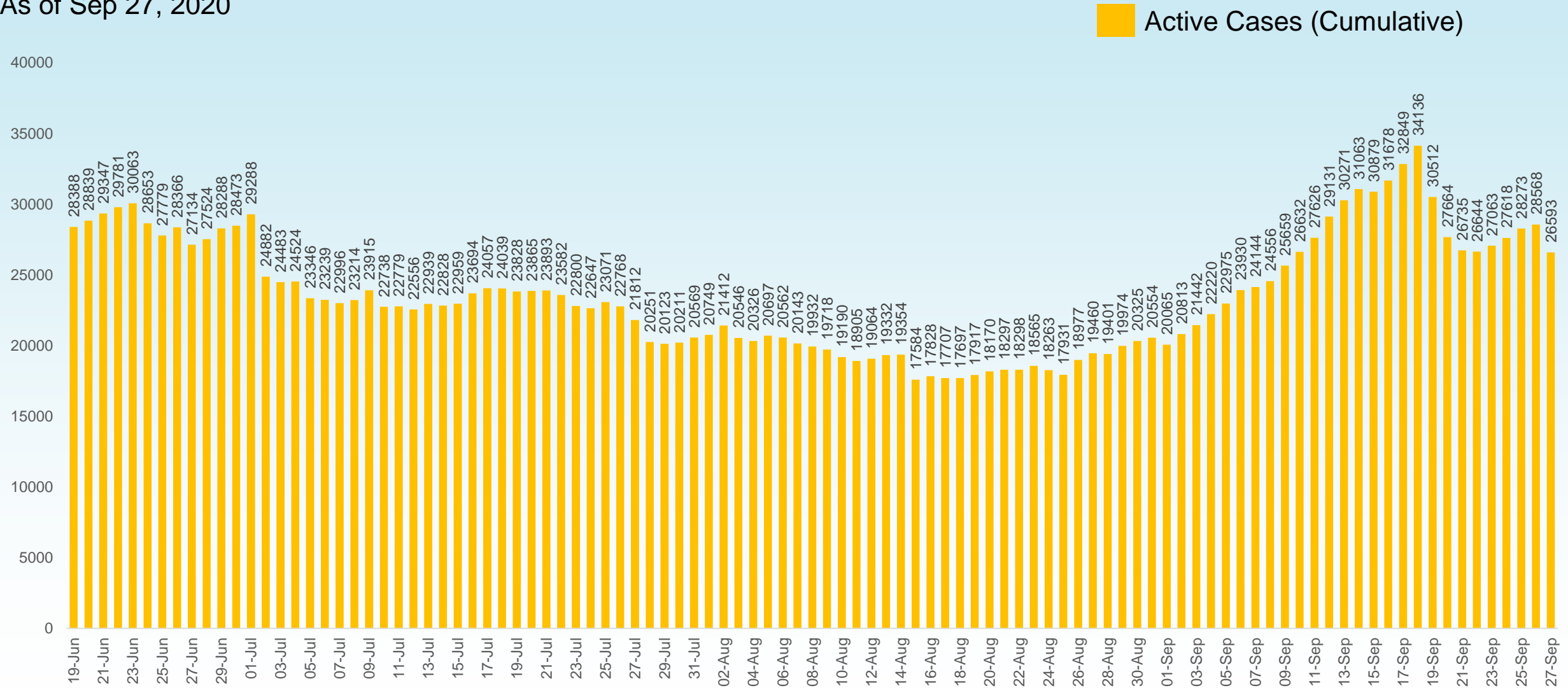


<sup>1</sup>Spikes refer to reconciliation and updation of data on ICMR Portal



# Trend of Active Cases

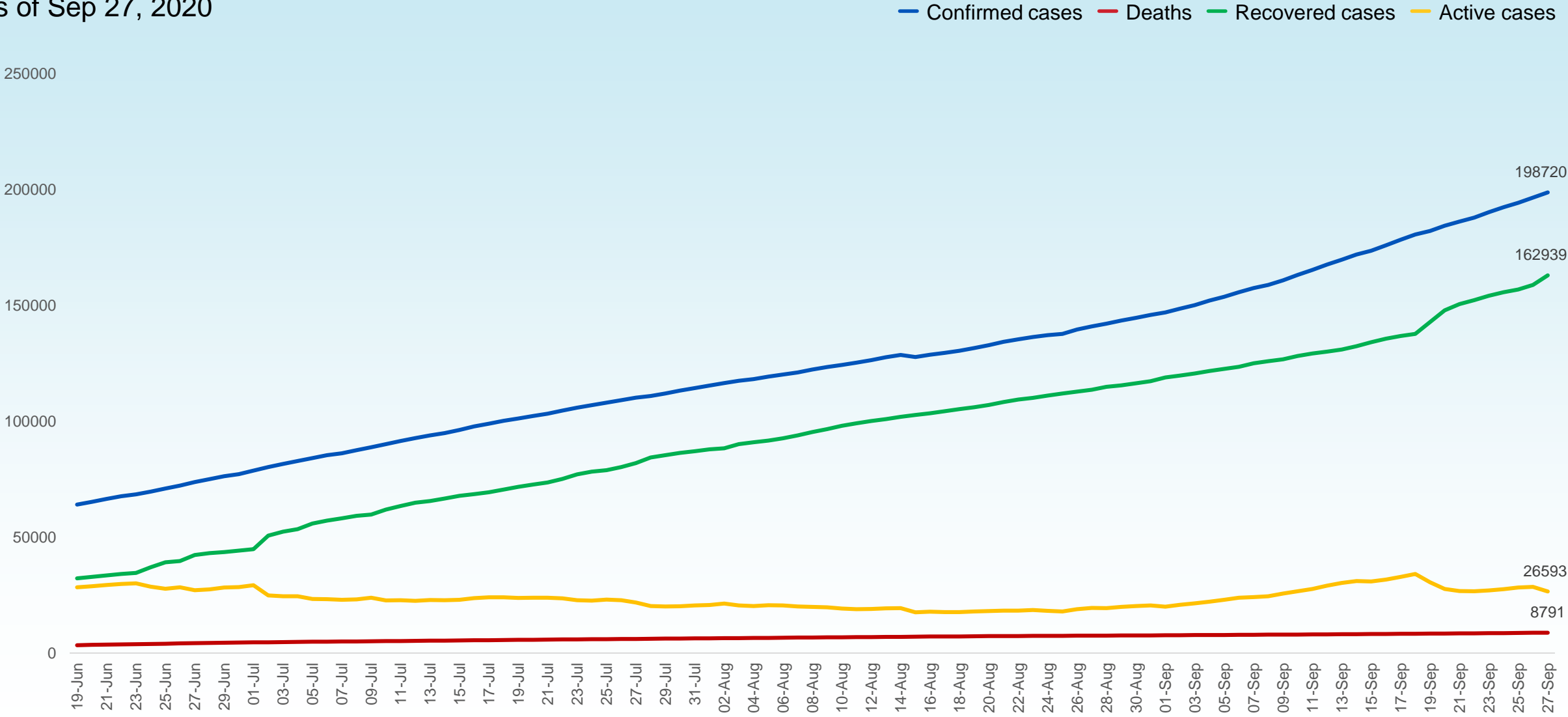
As of Sep 27, 2020





# Case summary for Mumbai

As of Sep 27, 2020





## Key Trends

**Contact tracing and home quarantine**

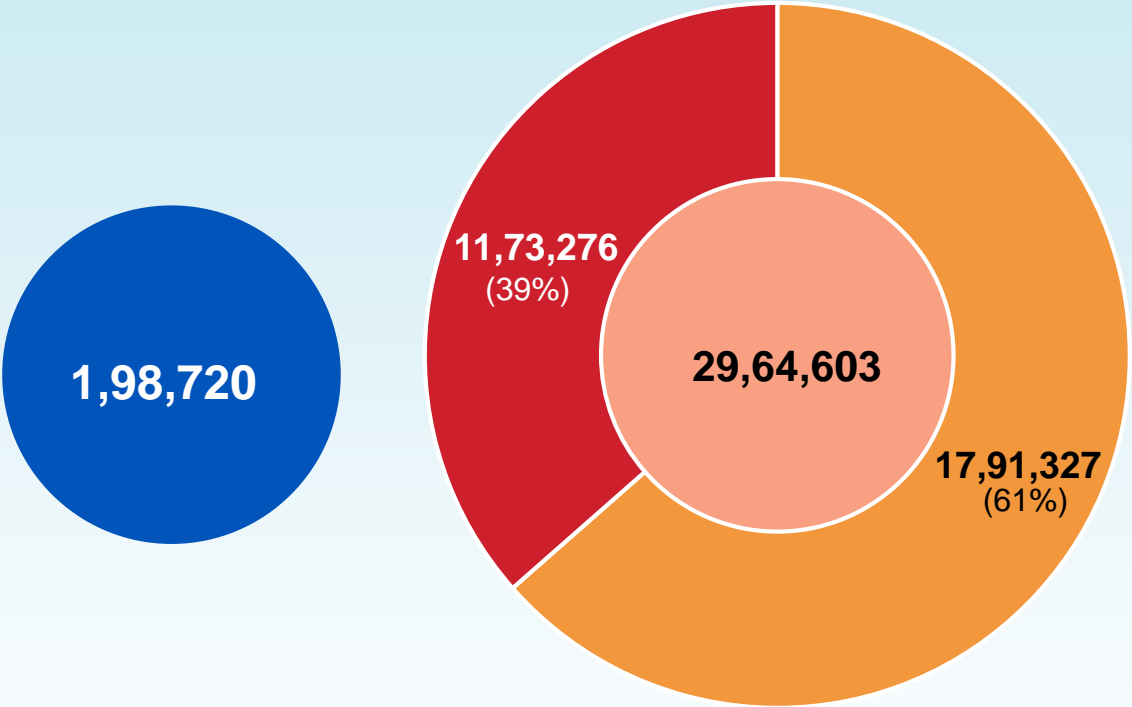
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

# Update on contact tracing

Summary as of Sep 27, 2020



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

**25,37,227**  
Completed quarantine

**4,25,475**  
In home quarantine,

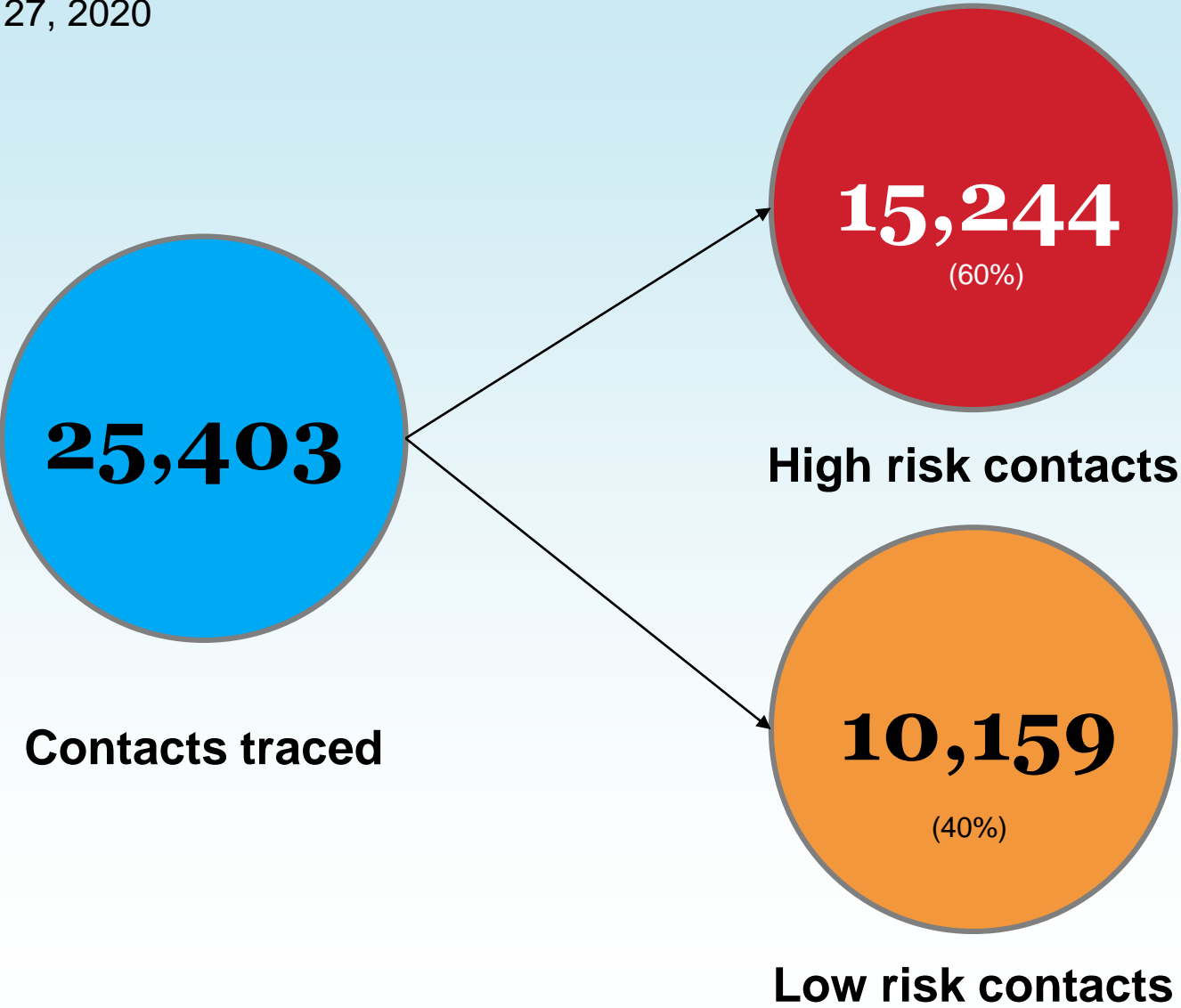
**1,901**  
Currently at institutional  
quarantine facilities

**1,54,818**  
Shifted to institutional  
quarantine facilities till date

Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 27, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

# Contact tracing report for last 24 hours

Summary as of Sep 27, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 27, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

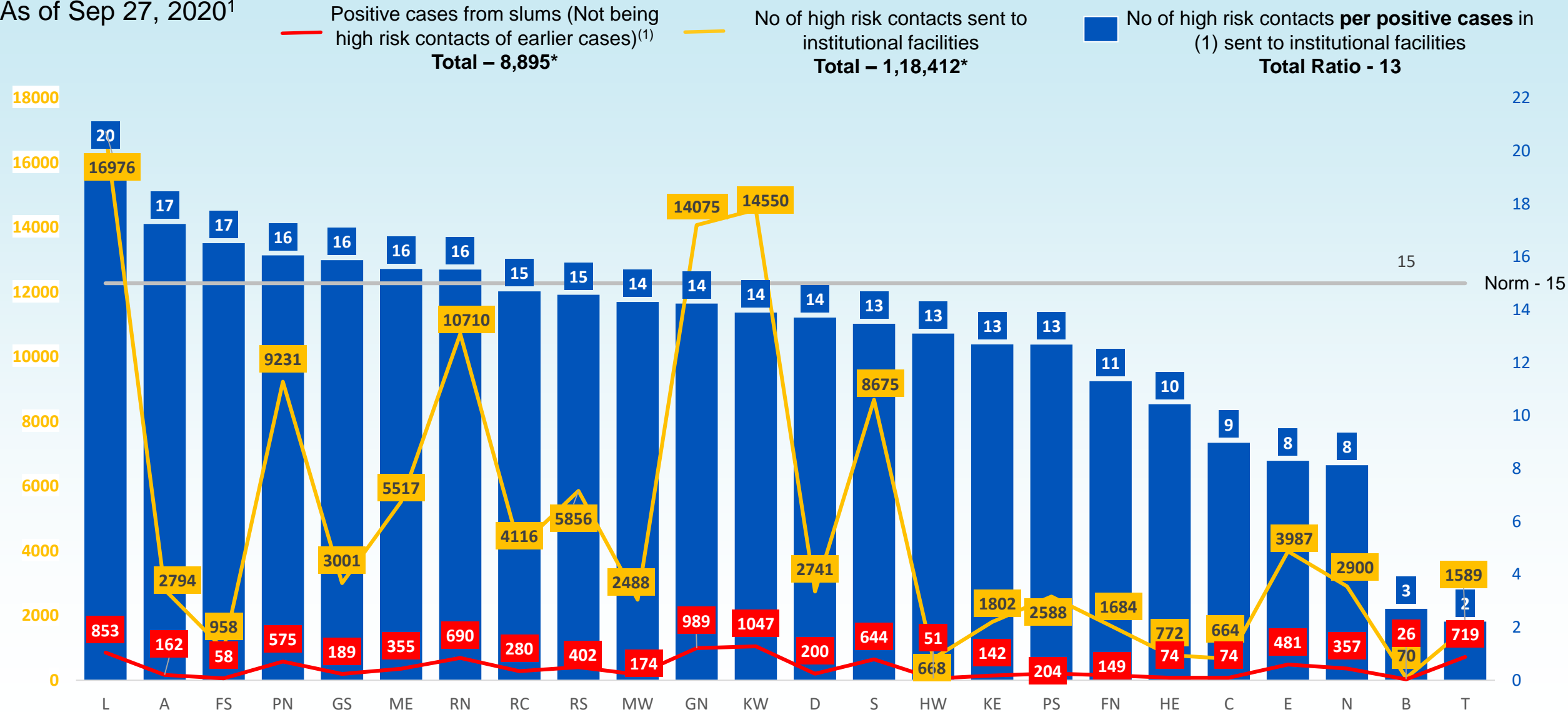
Data subject to change after scrutiny and ongoing verification process





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

As of Sep 27, 2020<sup>1</sup>



\* Data for Ward RS, Ward N, Ward RN is updated as of Sep 26 and Ward RC is updated as of Sep 23

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

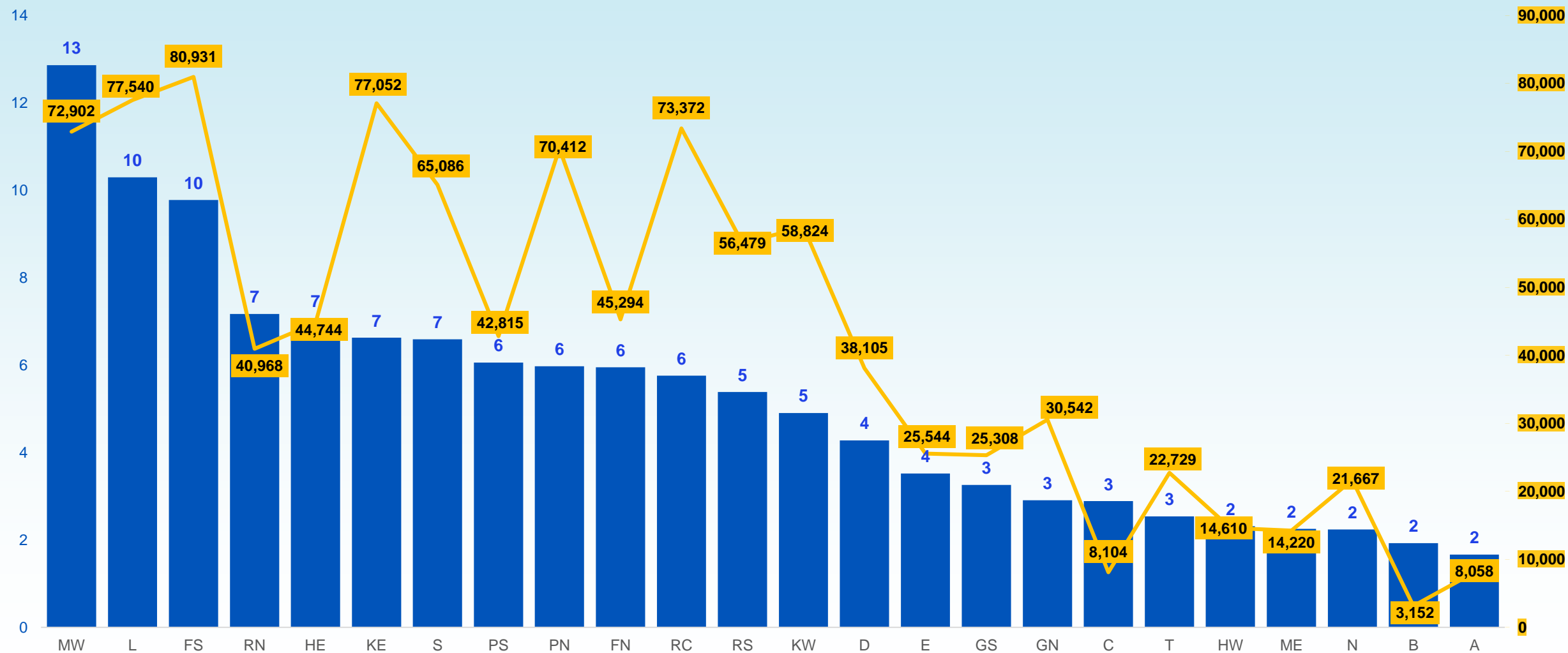
Data subject to change after scrutiny and ongoing verification process

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



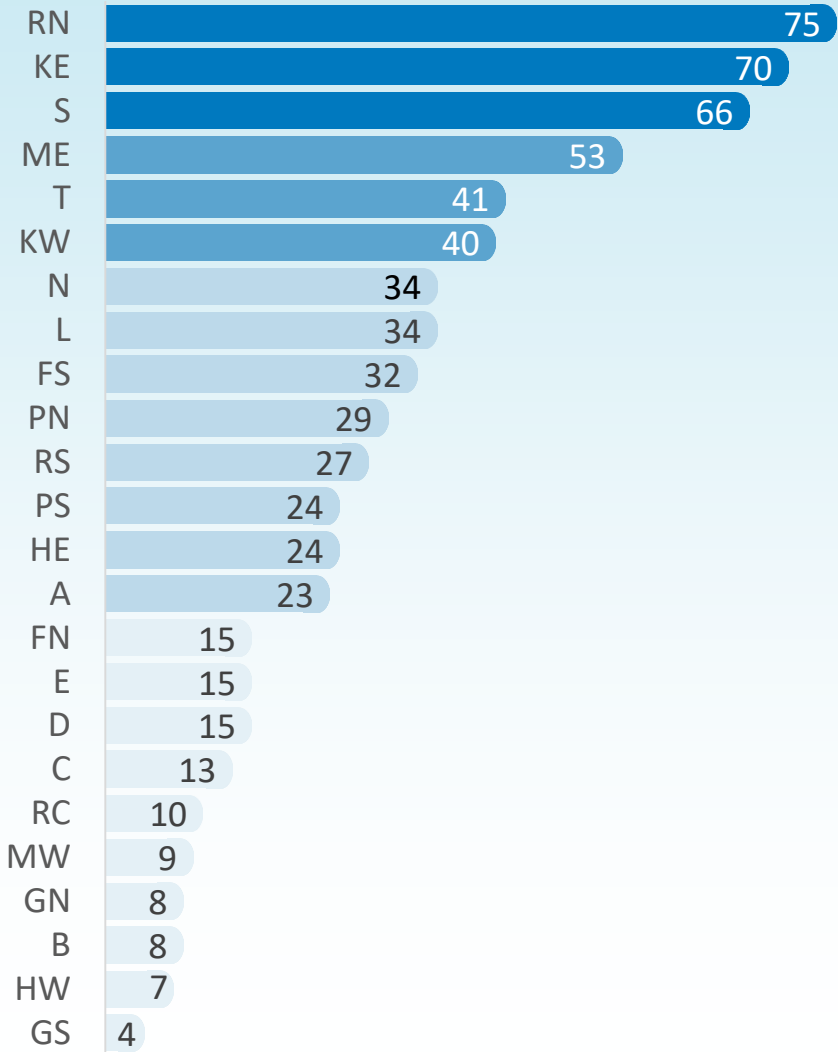
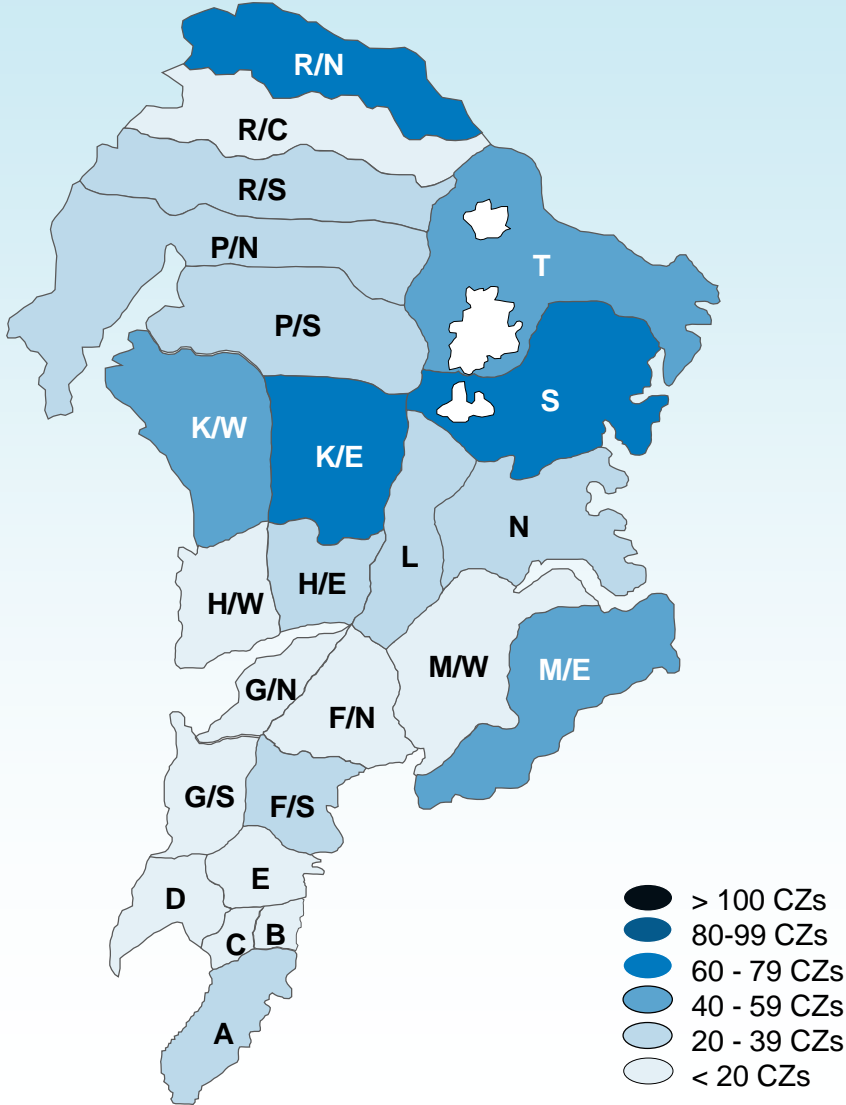
Ward-wise data as of Sep 27, 2020

High Risk individuals quarantined High risk contacts traced per positive case



# Ward-wise containment zones – slums and chawls

As of Sep 27, 2020



**676** *Active*  
 Containment Zones

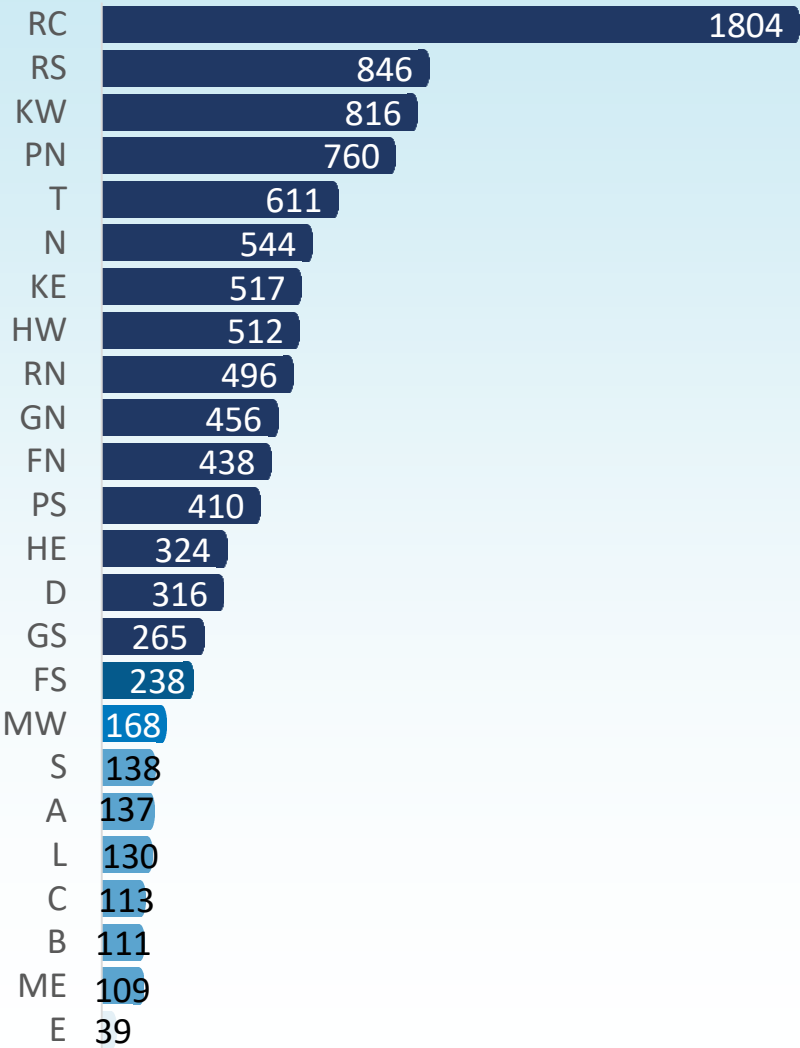
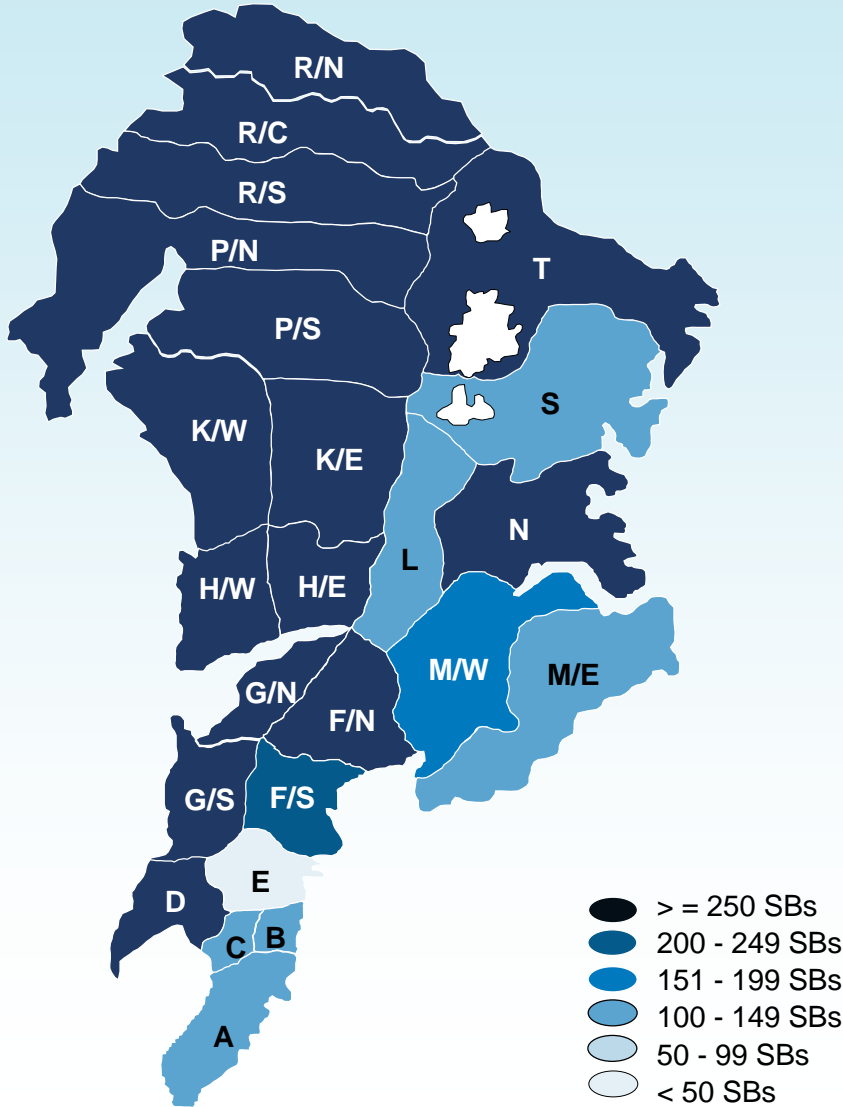
**7.5** *lacs*  
 No. of Households

**32.1** *lacs*  
 Population

**1,112** *Released*  
 Containment Zones

# Ward-wise sealed buildings

As of Sep 27, 2020



**10,298 Active**  
 Sealed Buildings

**3 lacs**  
 No. of Households

**11.2 lacs**  
 Population

**29,214 Released**  
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

**Status of COVID19 Positive Cases**

Bed Capacity

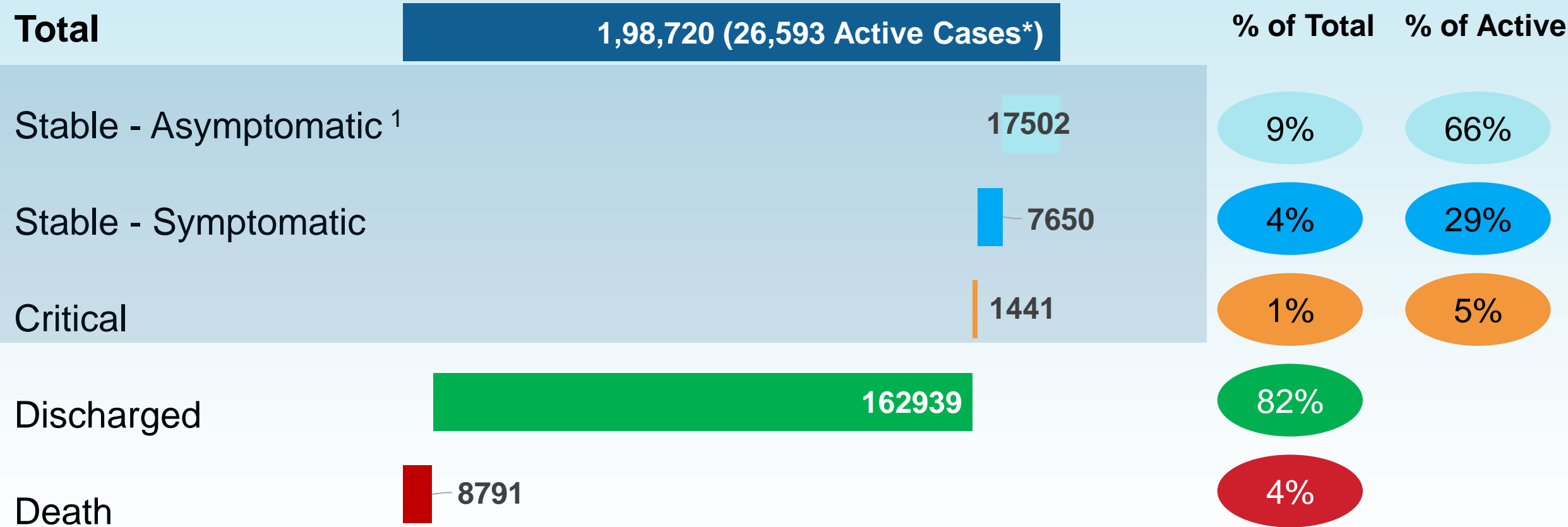
Other initiatives





# Case summary for Mumbai

As of Sep 27, 2020



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

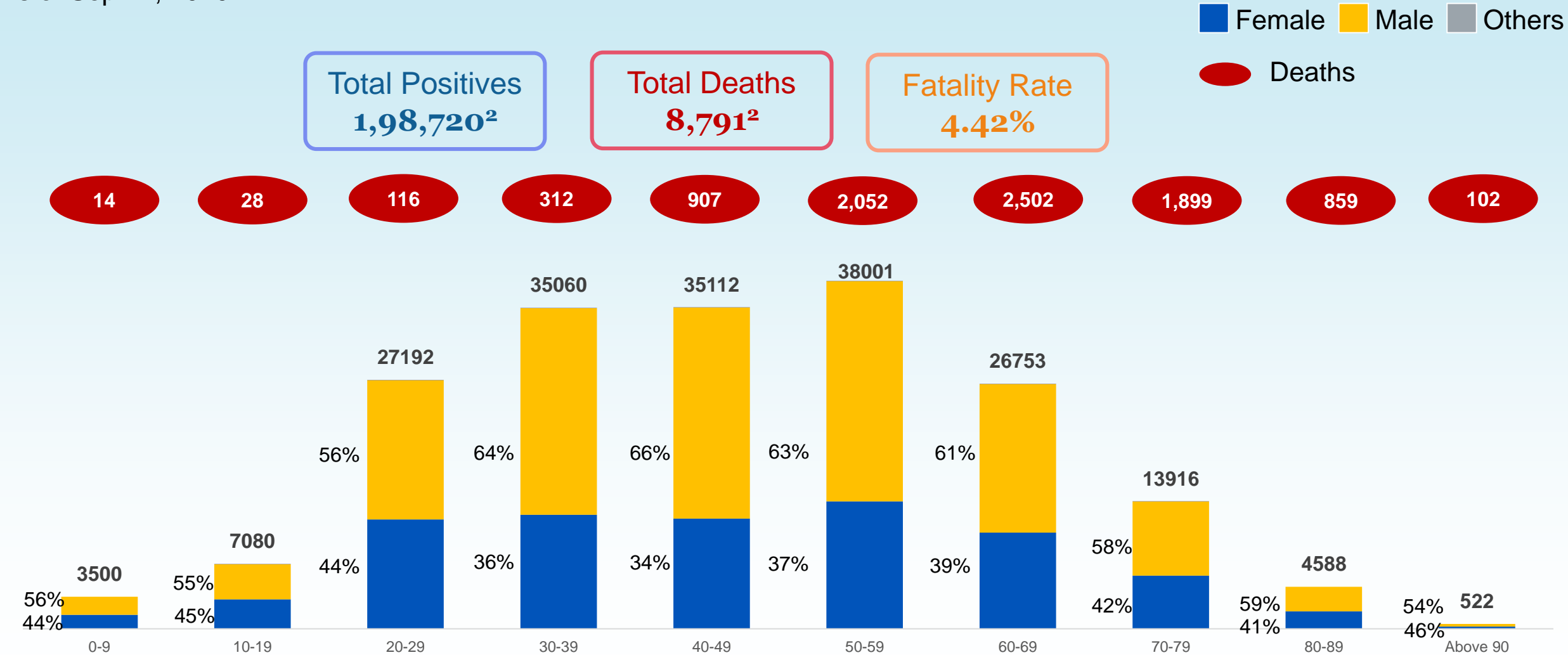
1 As per NCDC ICMR Report, Hospitalized status report (after deducting critical patients) has been considered as Symptomatic; Home Isolation and CCC2 has been considered as Asymptomatic; Difference between the total cases and the above classifications (5,593 cases) has been added to "Stable – Asymptomatic" 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 27, 2020<sup>1</sup>



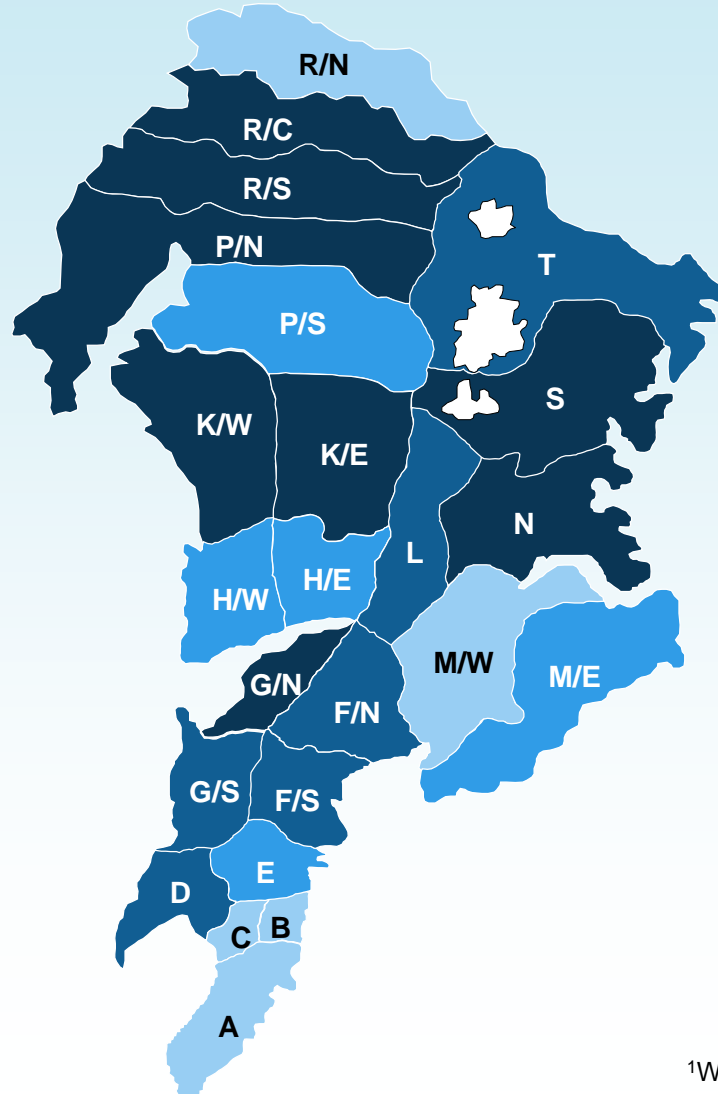
Source: Covid-19 daily update by the DEHO, EPID Cell

1 Total Age and sex-wise break up is available 1,91,724 cases; age-wise breakup of deaths available for 8,791 cases

2 As on Sep 27

## Ward-wise breakdown of positive cases

As of Sep 27, 2020



RC	12743	10018	355	2370
KW	11997	9707	375	1915
PN	11788	9872	425	1491
KE	11632	9494	588	1550
GN	10512	8782	551	1179
RS	10492	8392	293	1807
S	9875	8019	526	1330
N	9683	8046	460	1177
T	8954	7263	214	1477
D	8912	7315	299	1298
FS	8280	7000	423	857
GS	7774	6506	449	819
FN	7612	6368	355	889
L	7534	6243	483	808
E	7260	5966	340	954
PS	7070	5818	279	973
HE	6323	5216	377	730
HW	6310	4957	225	1128
ME	6309	5251	343	715
RN	5714	4499	187	1028
MW	5669	4577	323	769
A	4840	4058	82	700
C	2806	2318	116	372
B	1635	1333	102	200
ward-wise breakup is available for 1,91,724 cases (26,536 Active),	Total	157018	8170	26536

- $\geq 9001$  cases
- 7501 – 9000 cases
- 6001 – 7500 cases
- 0 – 6000 cases

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

**Total Positives**  
**1,98,720<sup>1</sup>**

Total Active  
**26,536<sup>1</sup>**

Active = Positive – Discharges – Death

<sup>1</sup>Ward-wise breakup is available for 1,91,724 cases (26,536 Active), Total

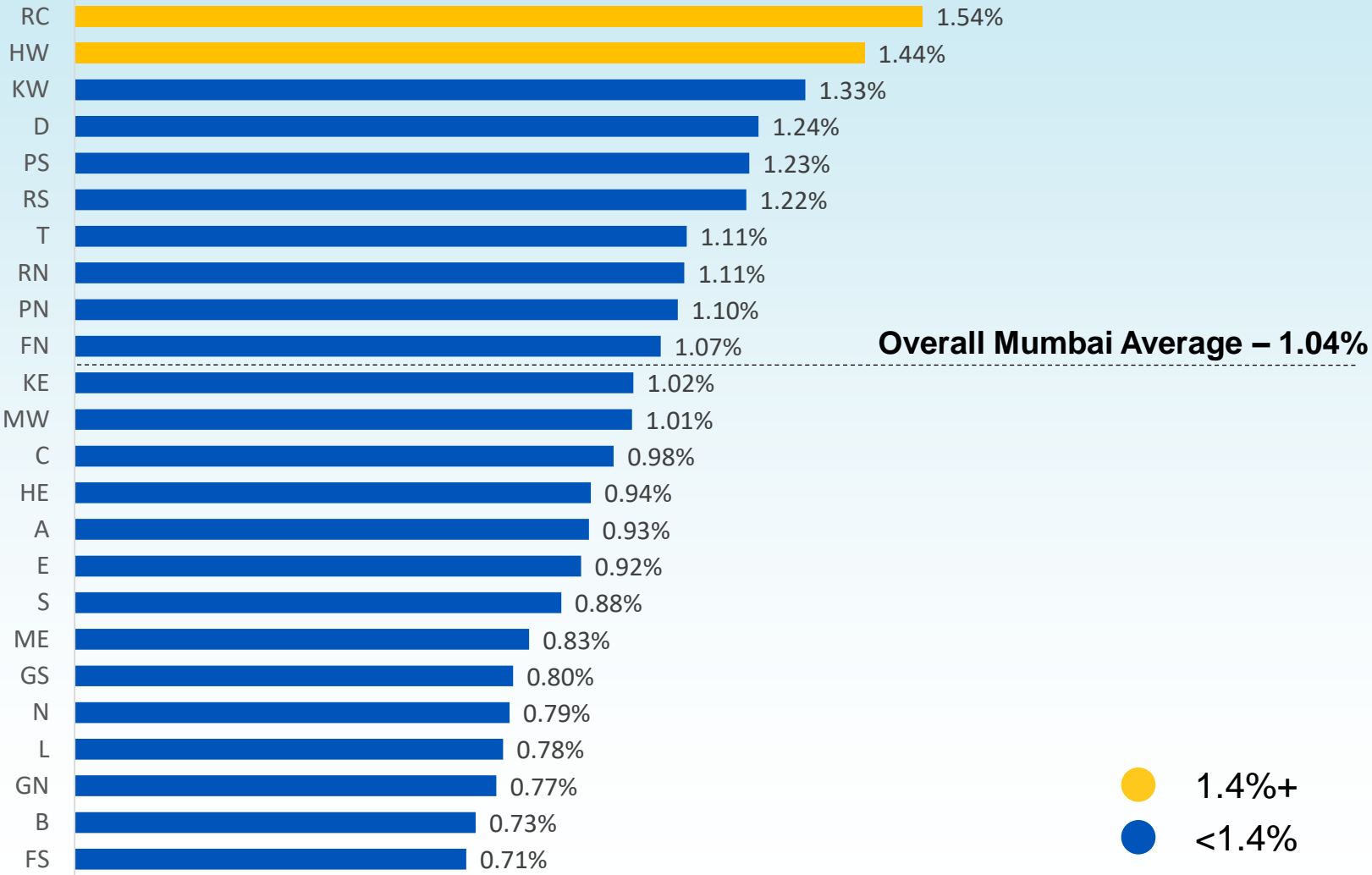
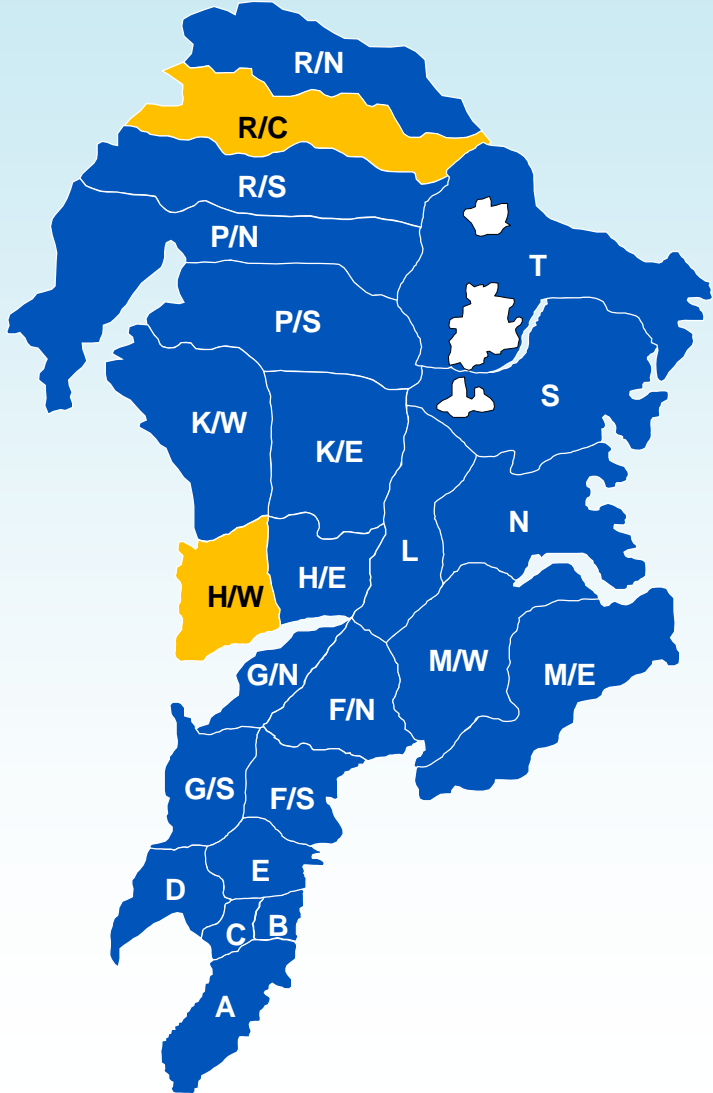
<sup>2</sup>Discharges as on Sep 27, Available for 1,57,018 cases,

<sup>3</sup>Deaths as on Sep 27, Available for 8,170 cases

Ward wise reconciliation for Discharged, Deaths and Active is on going<sup>21</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 27, 2020



# Ward-wise new cases

Positive cases for the last 7 days till Sep 27, 2020<sup>1</sup>

Date of report	RC	HW	KW	D	PS	RS	RN	T	PN	FN	KE	MW	C	HE	A	E	S	ME	GS	N	L	GN	B	FS	Grand Total
Area>>>	Borivali	Bandra	Andheri W	Grant Road	Goregaon	Kandivali	Dahisar	Mulund	Malad	Matunga	Andheri E	Chembur W	Marine Lines	Khar	Colaba	Byculla	Bhandup	Chembur E	Elphinstone	Ghatkopar	Kurla	Dadar	Sandhurst Road	Parel	
As on 20th Sep	11450	5711	10939	8174	6492	9638	5290	8287	10922	7068	10838	5283	2621	5923	4535	6809	9285	5956	7354	9164	7136	9965	1554	7879	178273
21-Sep	130	81	145	75	77	108	38	77	132	72	102	55	21	54	24	70	105	54	52	80	56	64	9	52	1733
22-Sep	144	72	127	95	64	70	36	73	99	40	104	36	25	45	34	68	66	41	47	55	48	64	14	40	1507
23-Sep	230	112	180	112	104	134	77	98	124	97	134	59	34	70	44	69	80	45	66	98	64	107	18	66	2222
24-Sep	202	75	148	109	87	144	82	111	126	79	121	80	21	52	32	61	49	67	49	82	72	102	13	51	2015
25-Sep	185	72	167	79	79	129	60	93	95	71	106	30	13	57	51	54	83	41	51	81	39	50	5	50	1741
26-Sep	177	93	157	135	77	132	72	103	153	102	116	60	43	56	55	75	83	54	72	60	60	80	12	70	2097
27-Sep	225	94	134	133	90	137	59	112	137	83	111	66	28	66	65	54	124	51	83	63	59	80	10	72	2136
As on 27th Sep	12743	6310	11997	8912	7070	10492	5714	8954	11788	7612	11632	5669	2806	6323	4840	7260	9875	6309	7774	9683	7534	10512	1635	8280	191724
Days to double	45	49	53	56	57	57	63	63	64	65	69	69	71	74	75	76	79	84	87	88	89	91	95	98	67

**Wards <= 55 days to double**

- Ward RC
- Ward HW
- 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 27, 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**

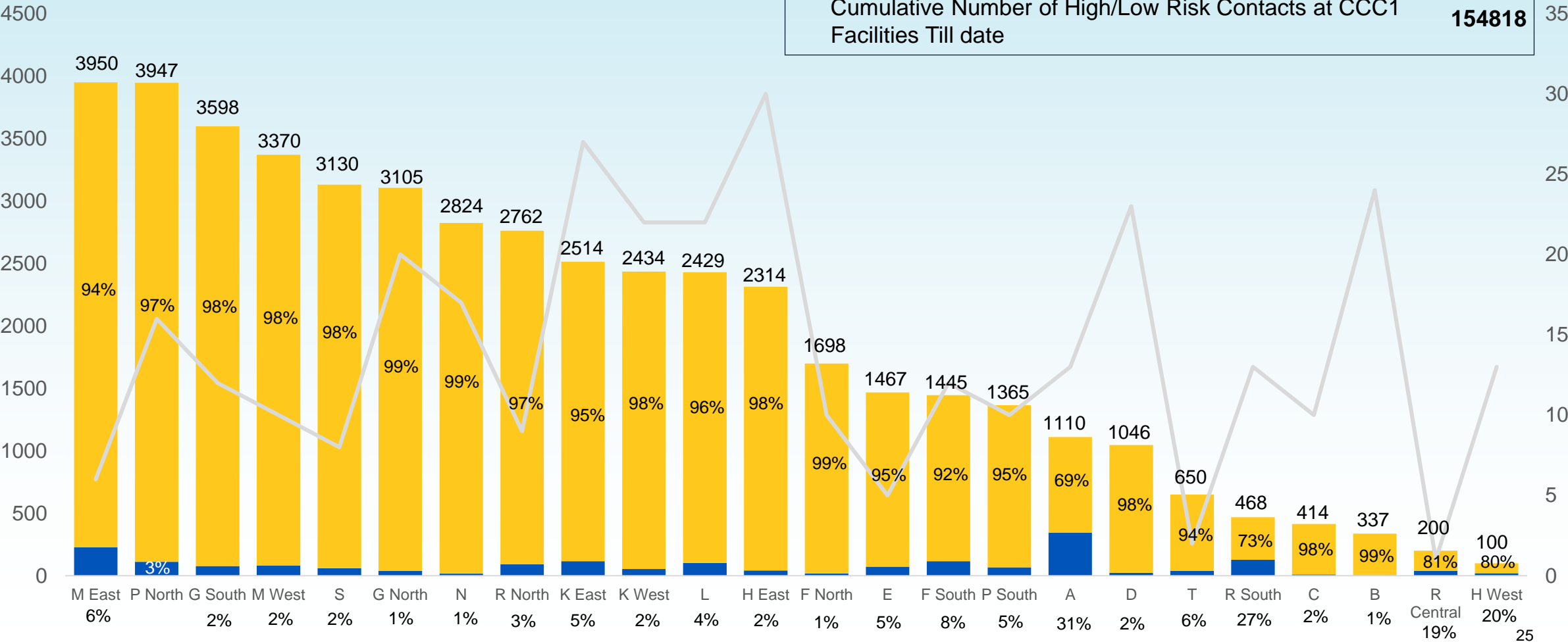
Other initiatives



# Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 27, 2020

No. of CCC1 Facilities identified for High/Low Risk Contacts	335
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	1901
Available capacity	44776
Total Capacity	46677
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	154818



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

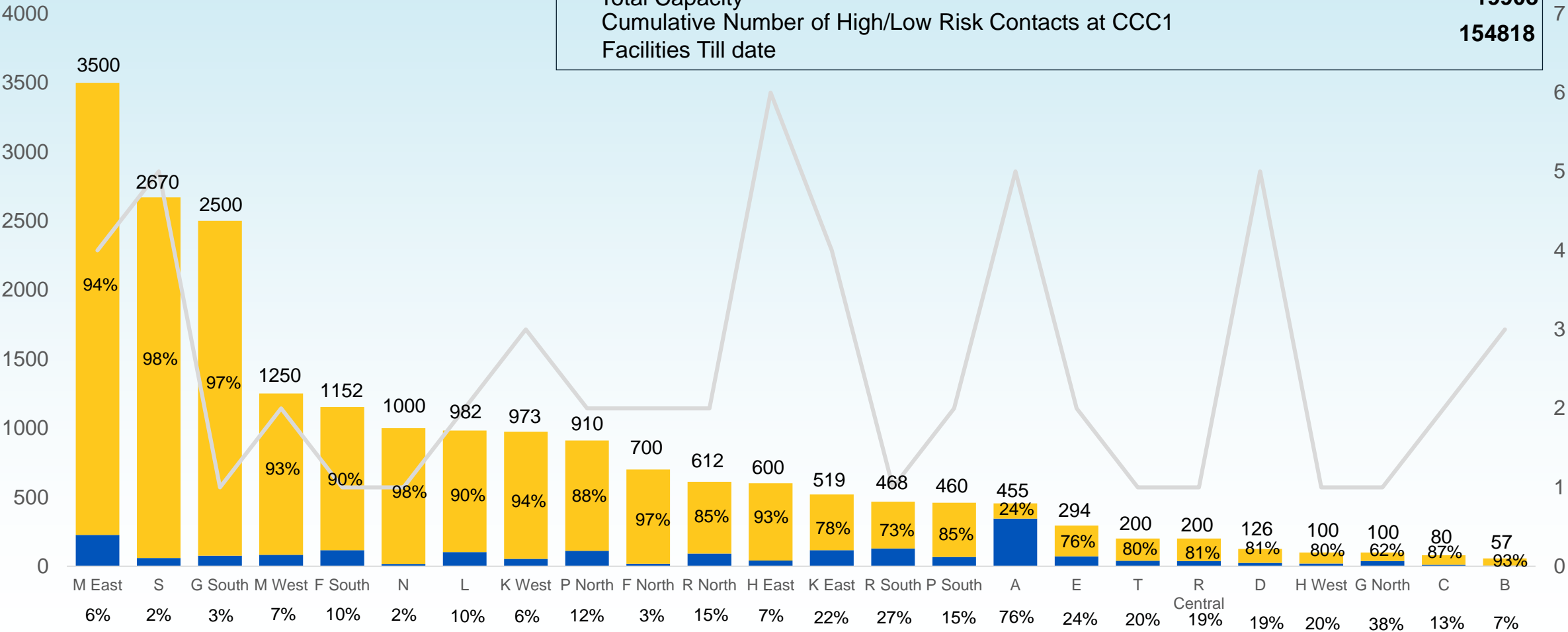
Data subject to change after scrutiny and ongoing verification process



# Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 27, 2020

No. of ACTIVE and BUFFER CCC1 Facilities identified for High/Low Risk Contacts	59
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	1901
Available capacity	18007
Total Capacity	19908
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	154818



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

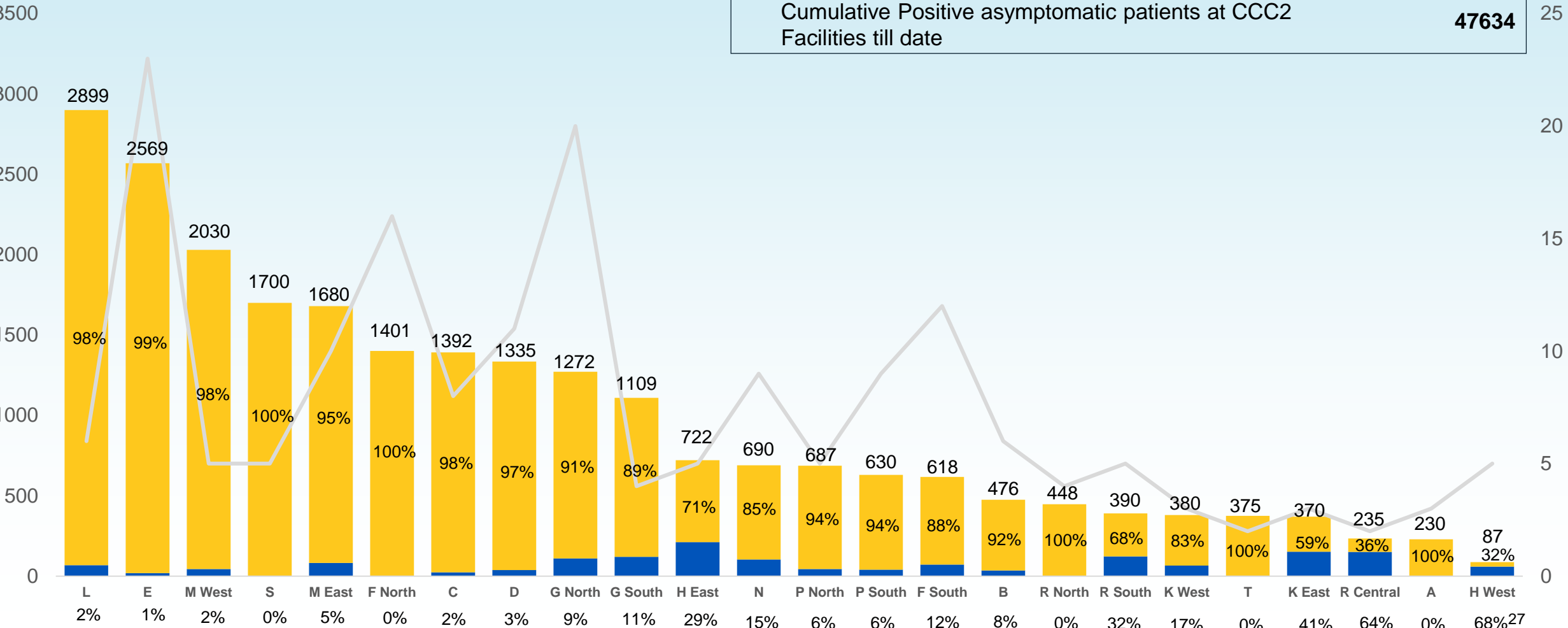
Data subject to change after scrutiny and ongoing verification process



# Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 27, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	181
Number of positive asymptomatic patients shifted to CCC2 Facilities	1570
Available capacity	22155
Total Capacity	23725
Cumulative Positive asymptomatic patients at CCC2	47634
Facilities till date	



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

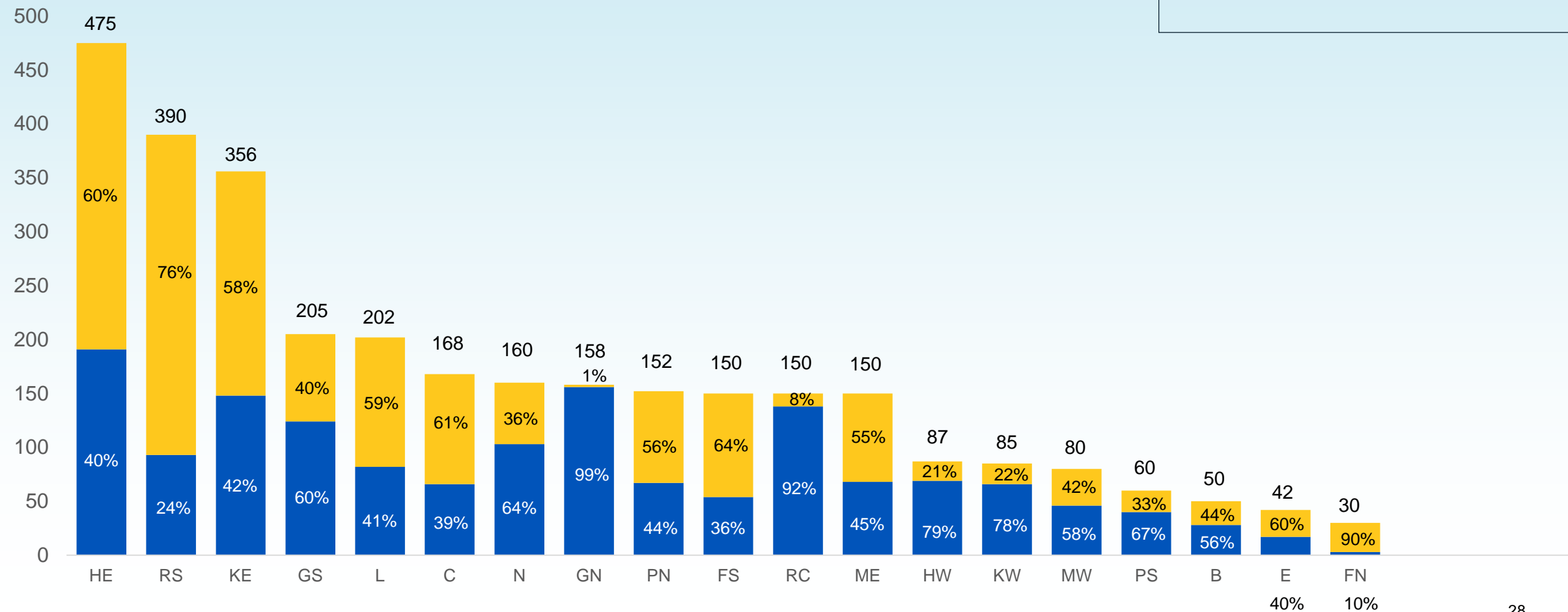
Data subject to change after scrutiny and ongoing verification process



# Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 27, 2020

Beds occupied	1559
Available capacity	1591
Total capacity	3150
Cumulative patients till date	39995



Source: "CCC2 line list"

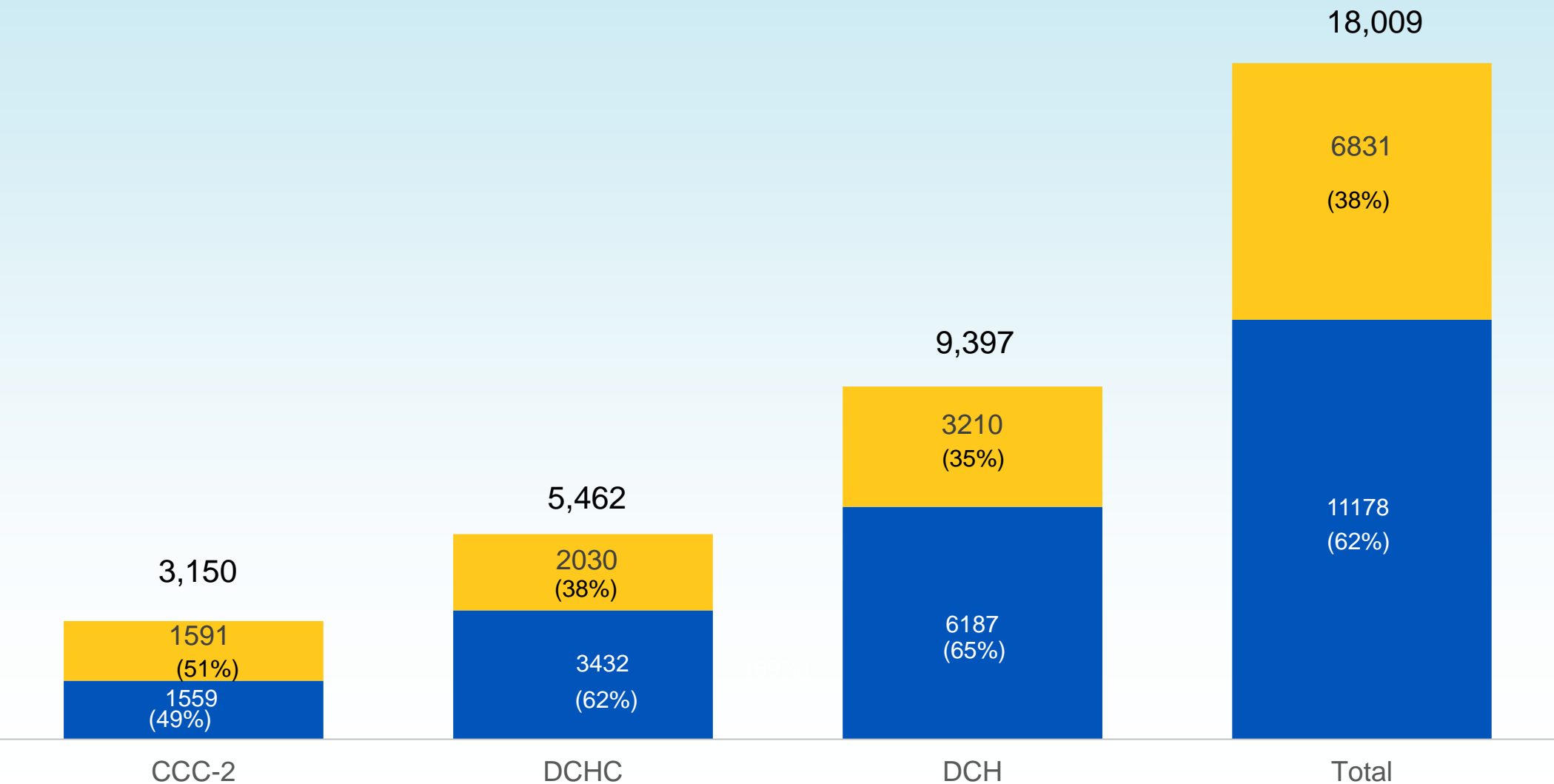
Data subject to change after scrutiny and ongoing verification process



# Summary of total bed capacity

As of Sep 27, 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 28, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
<b>Total</b>	<b>14,859</b>	9,619	<b>5,240</b>
ICU Beds	1,917	1,714	203
Regular	1,883	1,693	190
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	12,942	7,905	5,037
Quarantine for Suspect	1,021	577	444
Isolation for Positives	11,495	7,102	4,393
Pregnancy	242	107	135
Others (Cancer + Dialysis)	184	119	65
<i>O2 Beds*</i>	9,004	5,777	3,227
<i>Ventilators*</i>	1,128	1,023	105

# Summary of total bed capacity

Data as on 01:00 PM, Sep 28, 2020 , Subject to change

		COVID Beds				
		Total	ICU Beds	Normal Beds		O2 Beds* Ventilators*
Capacity	Total	14,859	1,917	12,942		9,004 1,128
	Public Hospitals	11,038	1,011	10,027		6,556 715
	Pvt Hospitals	3,821	906	2,915		2,448 413
Occupancy	Total	9,619	1,714	7,905		5,777 1,023
	Public Hospitals	6,432	884	5,548		3,773 644
	Pvt Hospitals	3,187	830	2,357		2,004 379
Vacancy	Total	5,240	203	5,037		3,227 105
	Public Hospitals	4,606	127	4,479		2,783 71
	Pvt Hospitals	634	76	558		444 34

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



## Key Trends

Contact tracing and home quarantine

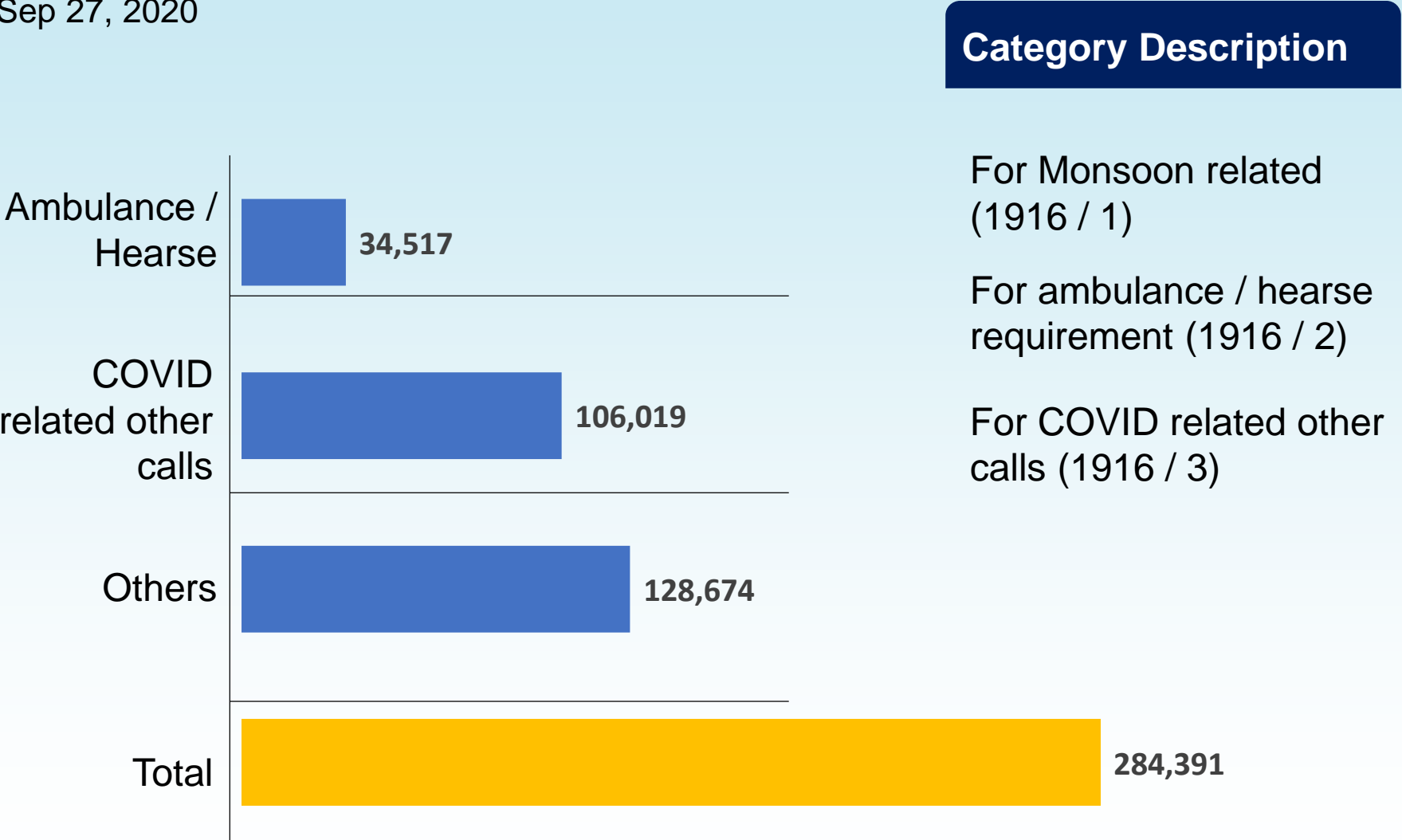
Status of COVID19 Positive Cases

Bed Capacity

**Other initiatives**

# Call Center update

For all calls received from April 24 to Sep 27, 2020



# Management of Waste from Quarantined Areas

## September 24, 2020



### Waste Collected (in Kgs)

COVID BMW (in Kgs)  
**9,767**

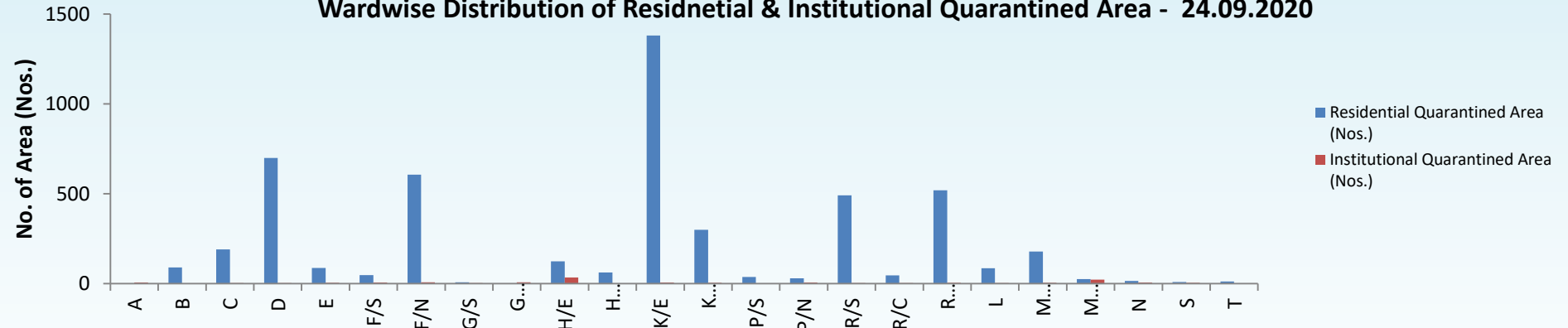
MCGM Quarantine BMW (in Kgs)  
**1436**

Total BMW (in Kgs):  
**11,230.0**

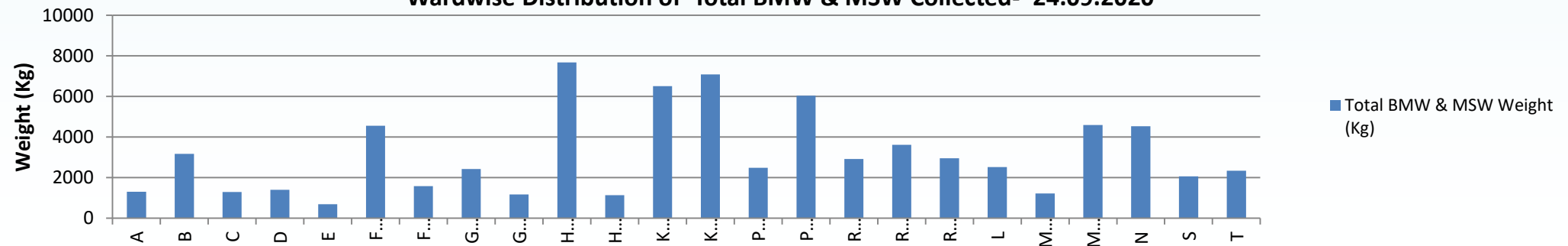
Total MSW Collected by MCGM from Quarantined Area (in Kgs):  
**73,740.0**

Total MSW & BMW Collected by MCGM from Quarantined Area (in Kgs):  
**84,934**

### Wardwise Distribution of Residential & Institutional Quarantined Area - 24.09.2020



### Wardwise Distribution of Total BMW & MSW Collected- 24.09.2020





# Thank you

