

BMC Covid-19 Response War Room Dashboard

Sep 25, 2020



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Mumbai COVID19 status at a glance

As of Sep 24, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 02:00 PM, Sep 25, 2020)		CCC1 Facilities			Contact Tracing	Past 24hrs	Cumulative
Total Positive	1,92,301	Bed Capacity (DCHC+DCH+CCC2)	17,698	Facilities (#)	Bed Capacity	Occupancy	Total Traced	25,228	28,90,888
		Occupied	11,088				High Risk	14,993	11,31,153
Discharged	1,55,638	Available	6,610	Total	334	46,589	2,227	Low Risk	17,59,735
				Active	43	17,757	2,227	Total Quarantine Completed	24,58,756
Deaths	8,655	DCH & DCHC Bed Capacity	14,748	Buffer	16	2,273	-	Currently in Home Quarantine	4,29,905
Deaths with Age > 50yrs – 7,297)		Occupied	9,564	Reserve [#]	275	26,559	-	Others	
		Available	5,184	CCC2 Facilities			Active Containment Zones – Slums & Chawls		686
Total Active	27,618	ICU Bed Capacity	1,923	Facilities (#)	Bed Capacity	Occupancy	Released Containment Zones – Slums & Chawls		1,050
Stable – Asymptomatic	18,380	Occupied	1,713	Total	181	23,725	1,612	Active Sealed Buildings	10,871
Stable - Symptomatic	7,669	Available	210	Active	24	2,978	1,612	Released Sealed Buildings	26,851
Critical	1,569	O2 Bed Capacity	8,893	Buffer	13	2,265	-	Calls Centre Calls Flow	281,168
Tests Done (till date)	10,57,640	Occupied	5,686	Reserve [#]	144	18,482	-		
% of Positive (till date)	18.18	Available	3,207	# Facilities that have been deactivated and can be used as per need					
Ward wise positive cases		Ventilator Bed Capacity	1,134						
		Occupied	1,020						
		Available	114						

Ward wise positive cases

Wards	HW	RC	KW	RN	D	C	RS	PS	FN	MW	T	PN	HE	KE	E	B	A	N	ME	S	L	GN	GS	FS	Overall Mumbai
Positive Cases	6051	12156	11539	5523	8565	2722	10094	6824	7356	5513	8646	11403	6144	11299	7077	1608	4669	9479	6163	9585	7376	10302	7568	8088	
Days to double	44	46	50	53	55	57	57	59	61	61	61	62	67	68	69	70	73	73	78	78	79	81	82	89	63

1 Ward-wise break up is as on Sep 24, 2020, available for 1,85,750 cases

Data subject to change after scrutiny and ongoing verification process



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

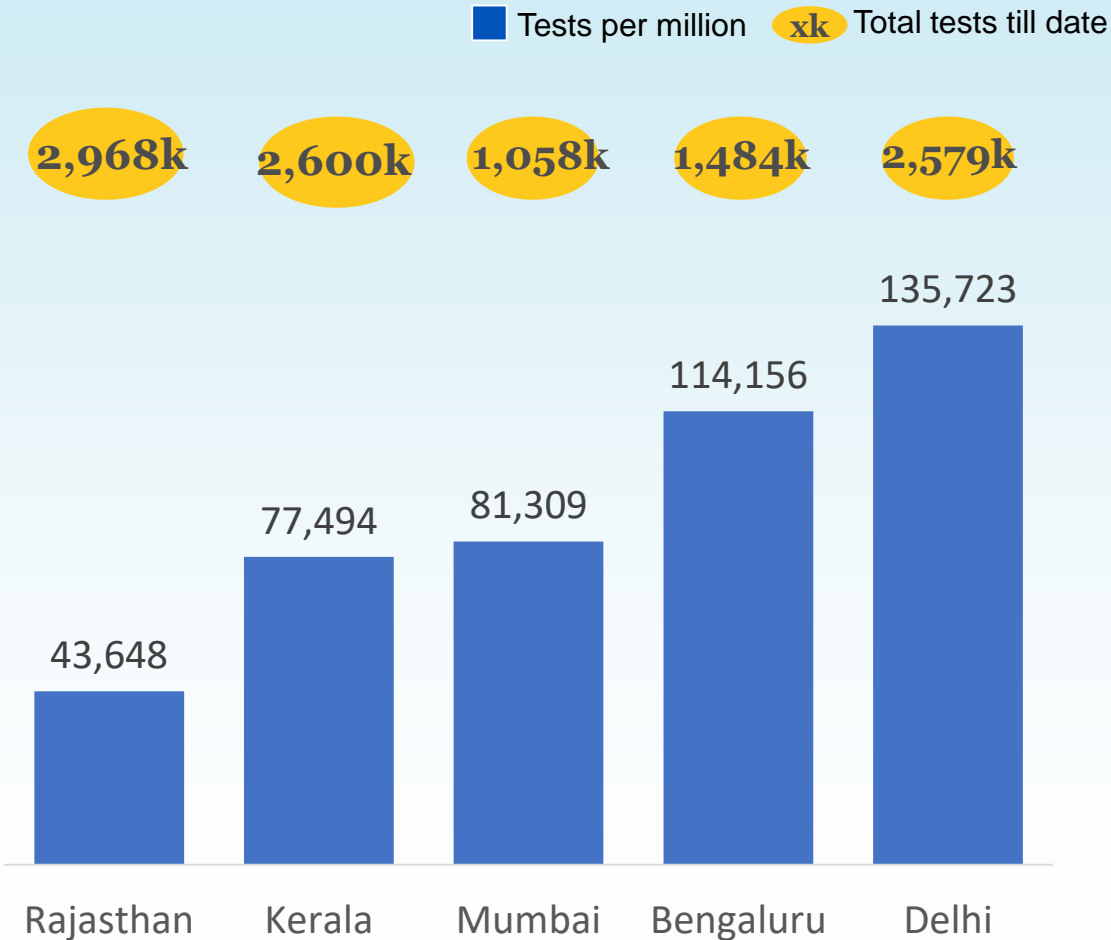
Bed Capacity

Other initiatives

Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Sep 24, 2020

Tests per million



Source: Government COVID bulletins as of Sep 24 2020

* Data as on Sep 21 2020

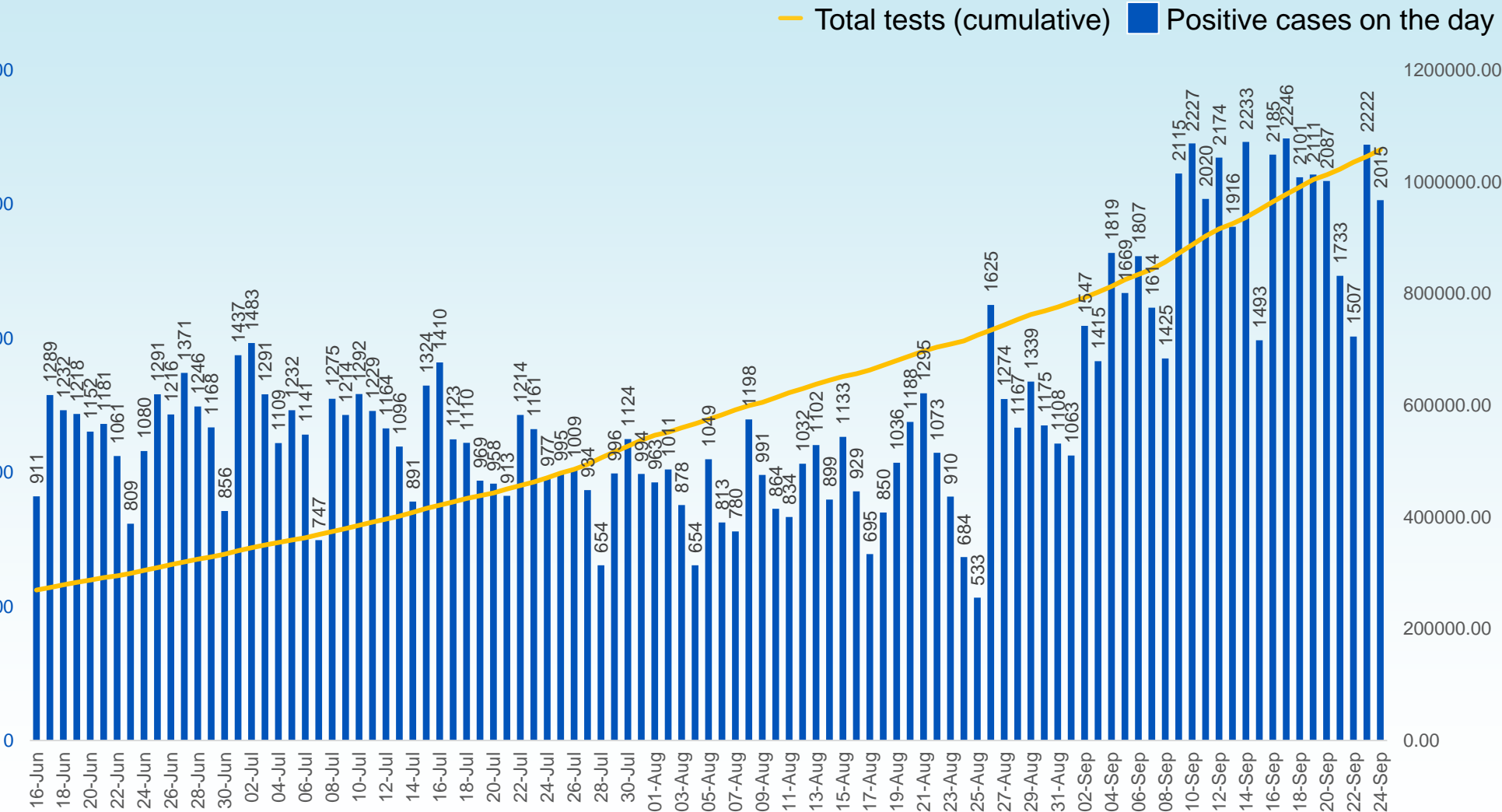
Mumbai is one of the leading cities in tests per million compared to other cities

State	Cases	Tests	Tests per million
Bengaluru	204,275	1,484,031	114,156
Mumbai	192,301	1,057,640	81,309
Delhi*	249,259	2,578,737	135,723
West Bengal	237,673	2,967,939	32,895
Gujarat	128,787	4,044,941	65,241
Kerala	154,456	2,600,359	77,494
Maharashtra	1,282,963	6,197,823	50,162
Rajasthan	122,720	2,968,083	43,648
Tamil Nadu	563,691	6,815,644	204,136



Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 24, 2020



Summary till date

1,92,301¹

Total positive cases

10,57,640

Total tests conducted

18.18%

Positive cases as a % of total tests

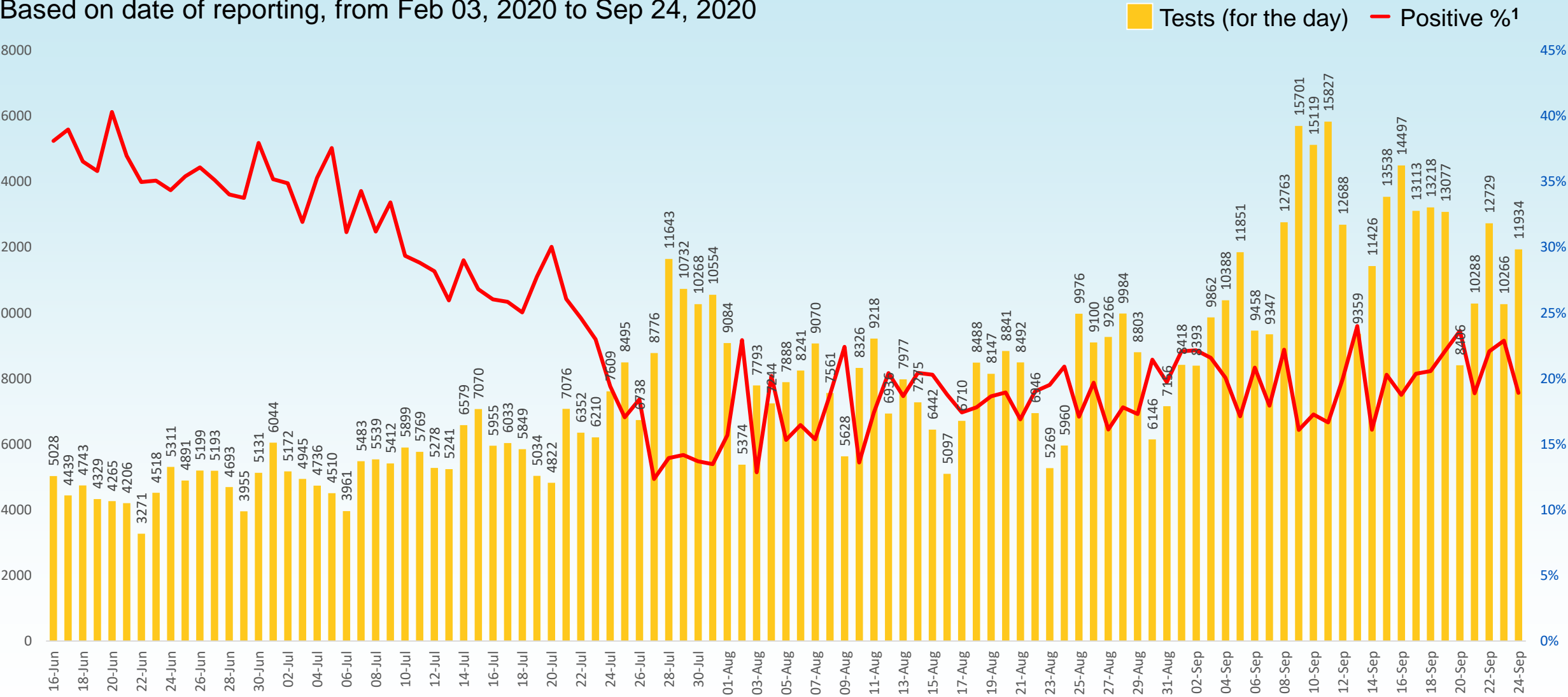
1 Total Positive cases as on Sep 24, Total cases as of Sep 24 as per line list is 1,85,750

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

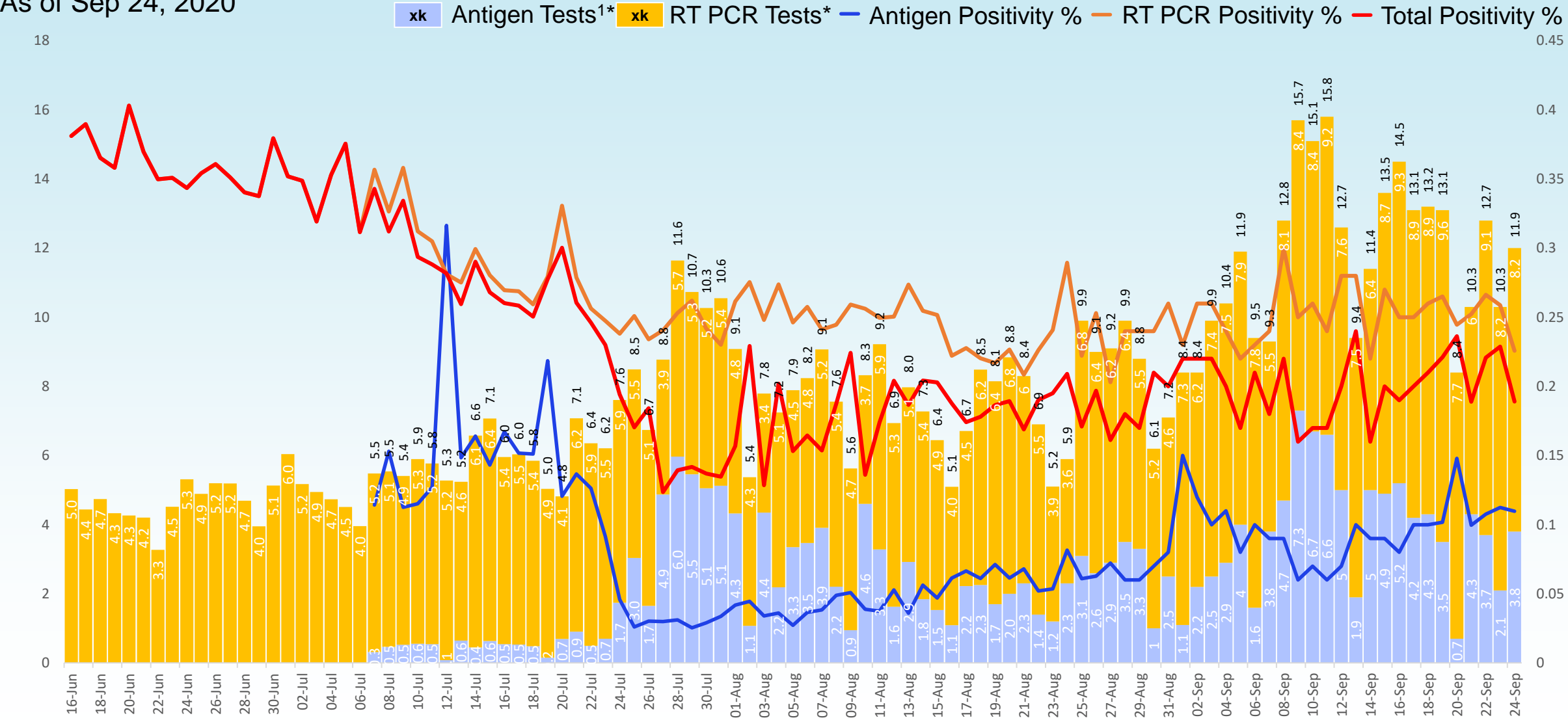
Based on date of reporting, from Feb 03, 2020 to Sep 24, 2020



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 (3%)
 Source: Covid-19 daily update by the Public Health Department, BMC

Trend of positive cases vis-à-vis Tests

As of Sep 24, 2020

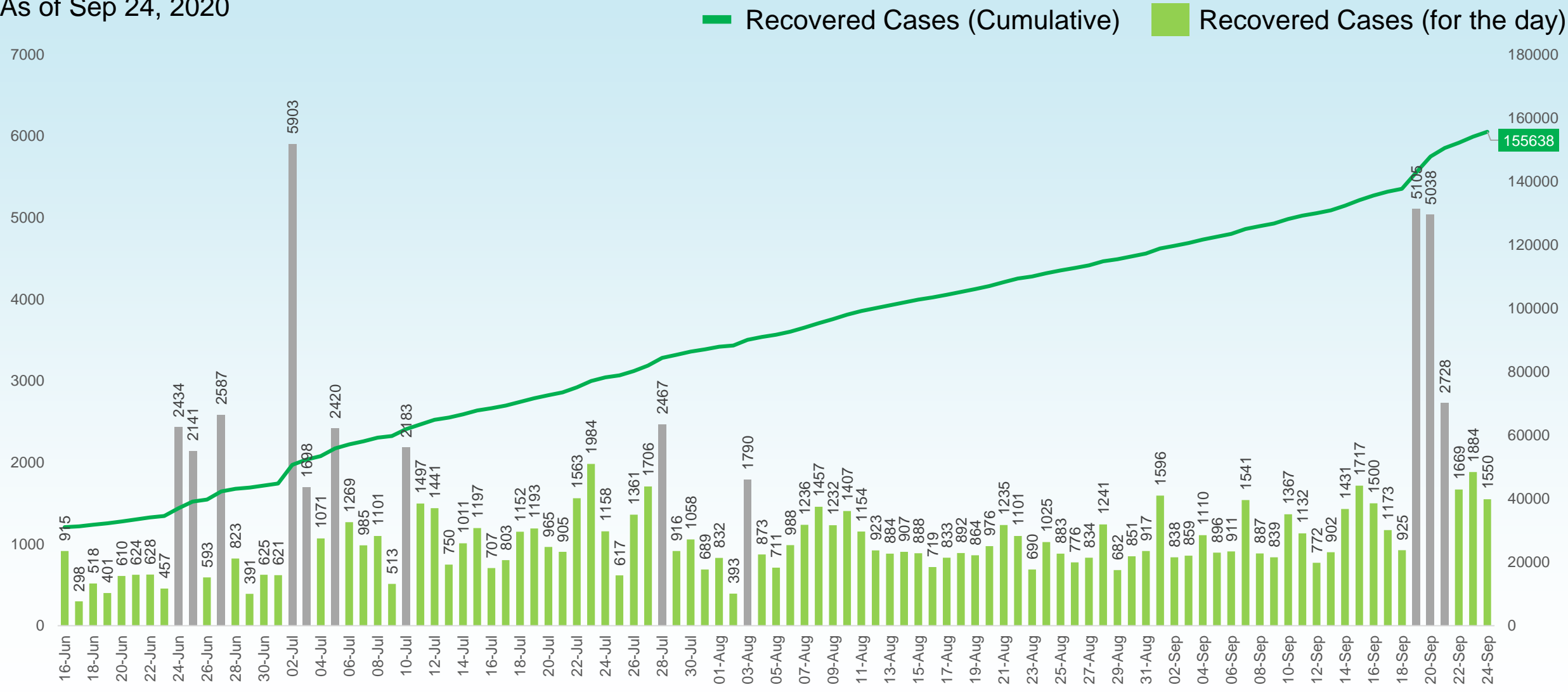


¹Data for Antigen tests is available from Jul 07 onwards

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

Trend of Recovered Cases

As of Sep 24, 2020

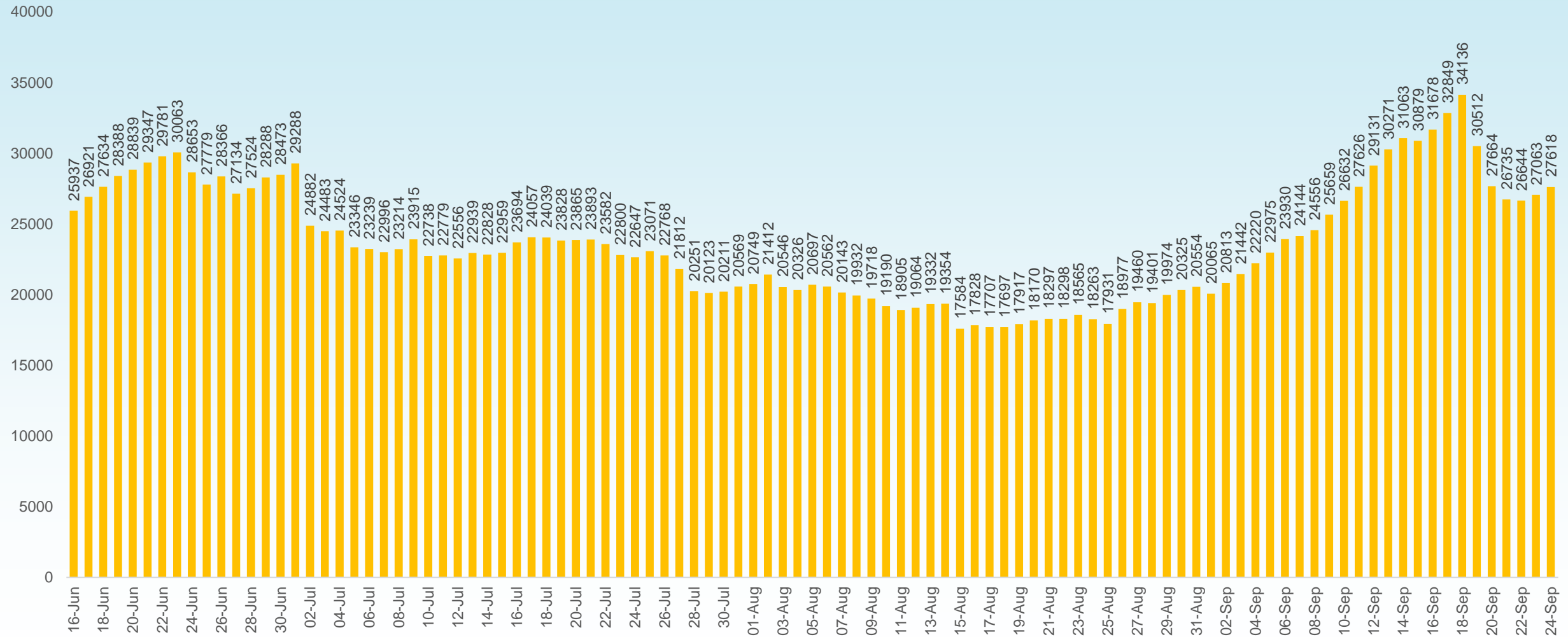


¹Spikes refer to reconciliation and updation of data on ICMR Portal

Trend of Active Cases

As of Sep 24, 2020

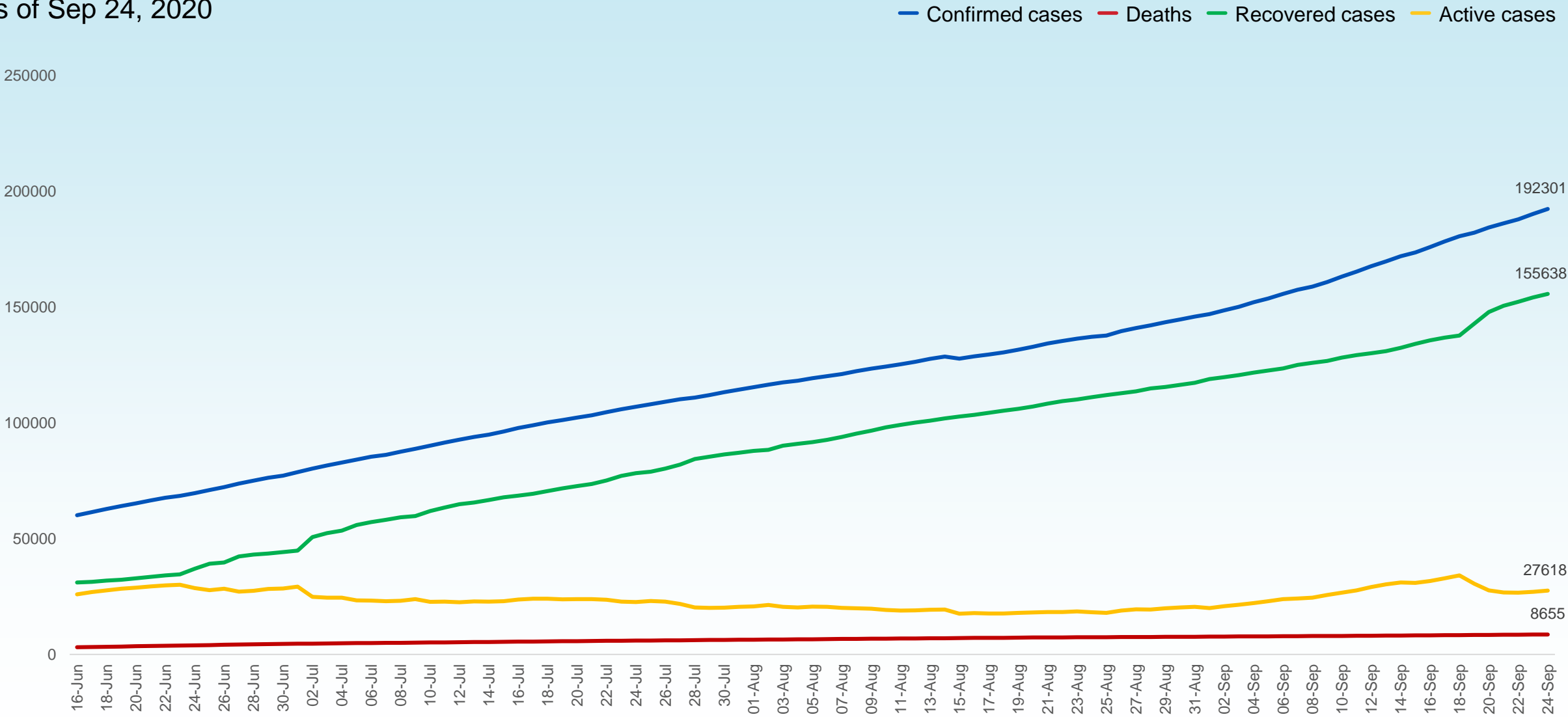
Active Cases (Cumulative)



Case summary for Mumbai



As of Sep 24, 2020





Key Trends

Contact tracing and home quarantine

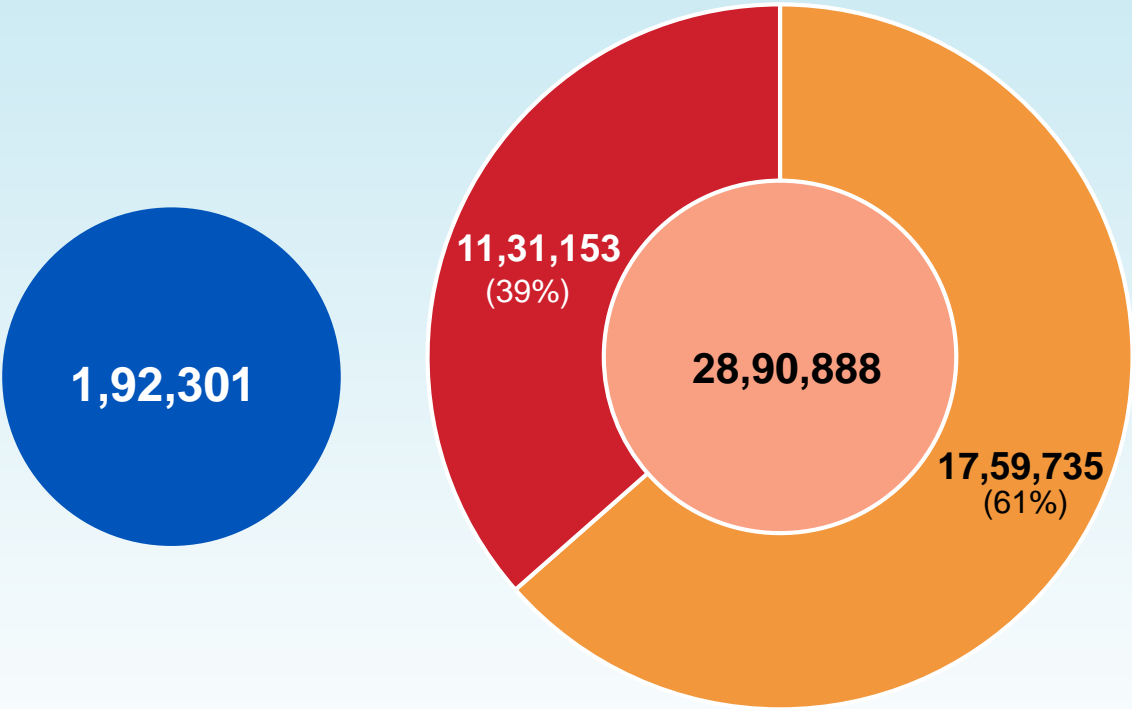
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Update on contact tracing

Summary as of Sep 24, 2020



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

Contacts traced

24,58,756
Completed quarantine

4,29,905
In home quarantine,

2,227
Currently at institutional
quarantine facilities

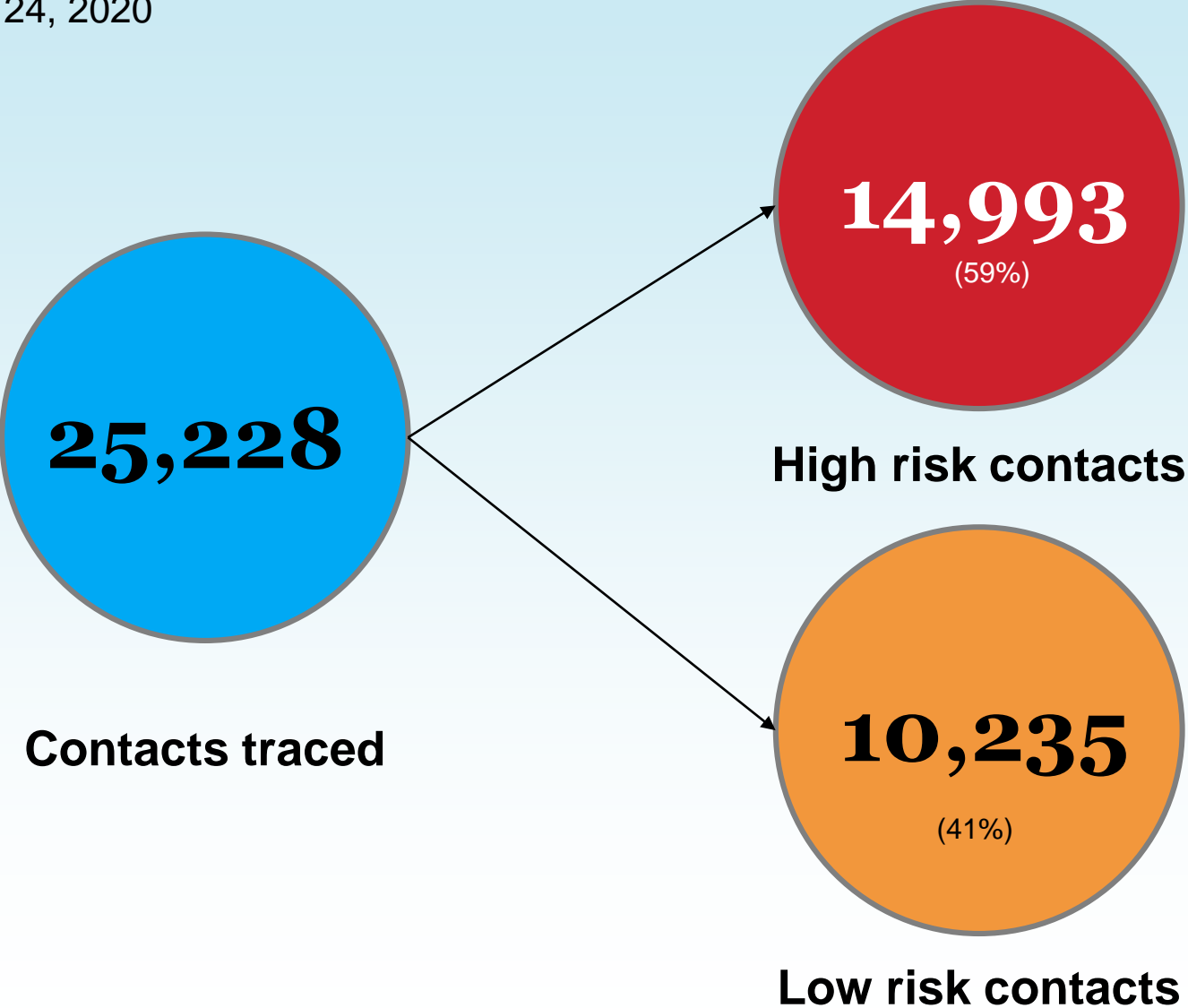
1,54,370
Shifted to institutional
quarantine facilities till date

Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 24, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process

Contact tracing report for last 24 hours

Summary as of Sep 24, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 24, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



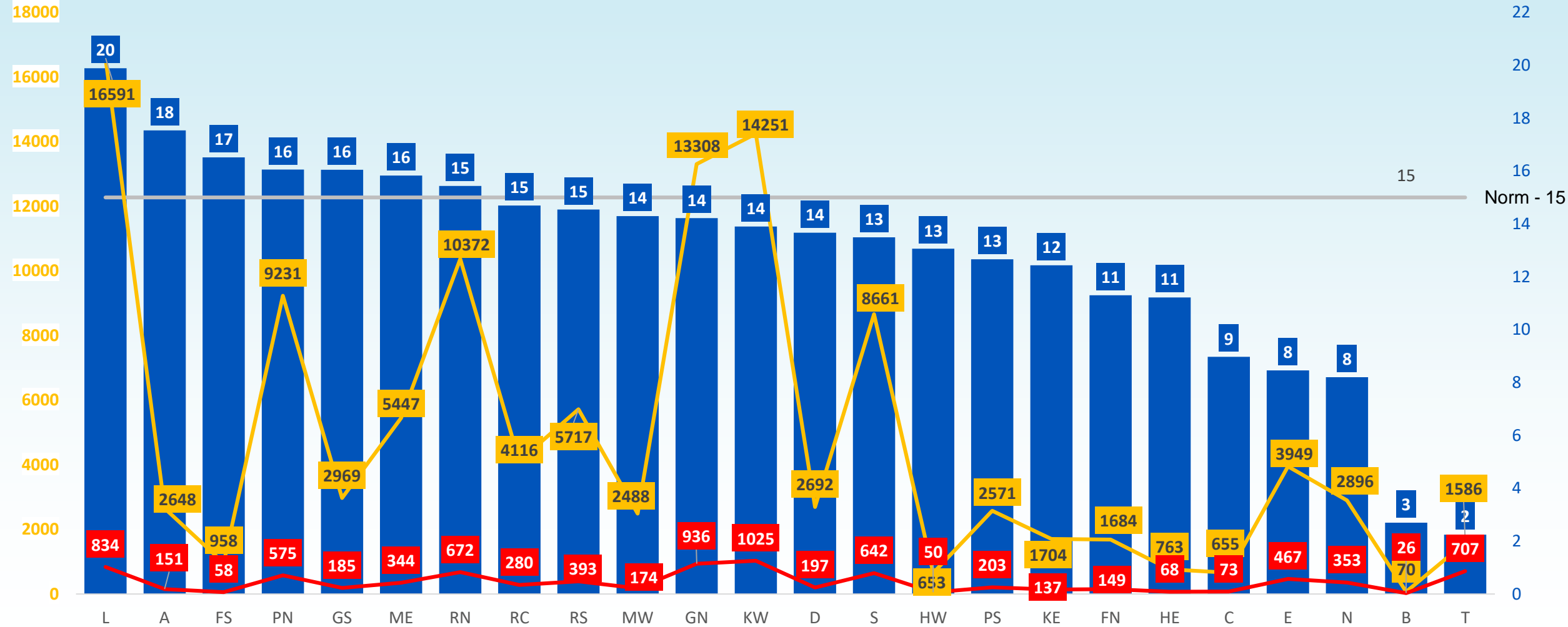
Chase the virus: High Risk Contacts for Index Cases in Slums

As of Sep 24, 2020¹

Positive cases from slums (Not being high risk contacts of earlier cases)⁽¹⁾
Total – 8,699*

No of high risk contacts sent to institutional facilities
Total – 1,15,980*

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



* Data for Ward A, Ward GN, Ward N, Ward RC is updated as of Sep 23 and Ward RN is updated as of Sep 22

1 Data since June 03, 2020; Source – Operation – Chase the virus

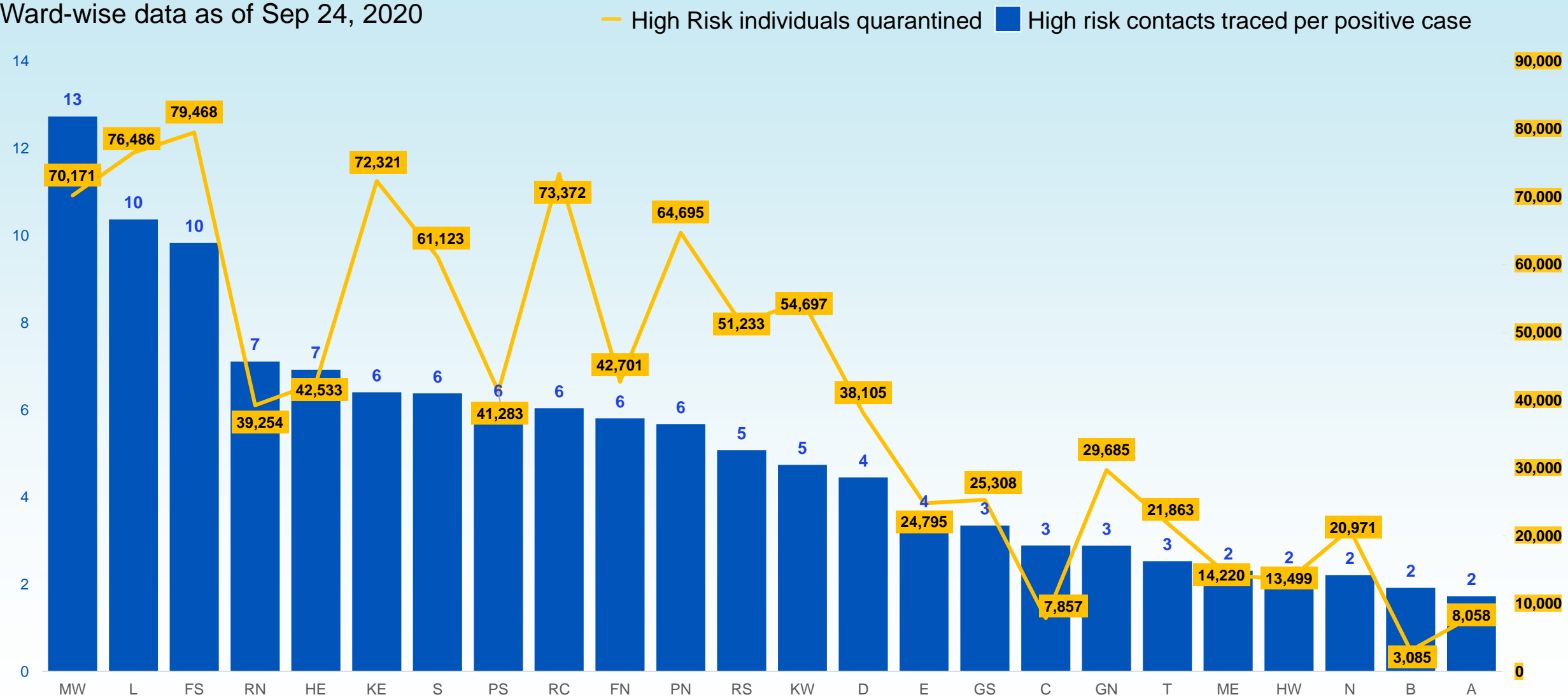
Data subject to change after scrutiny and ongoing verification process

14

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

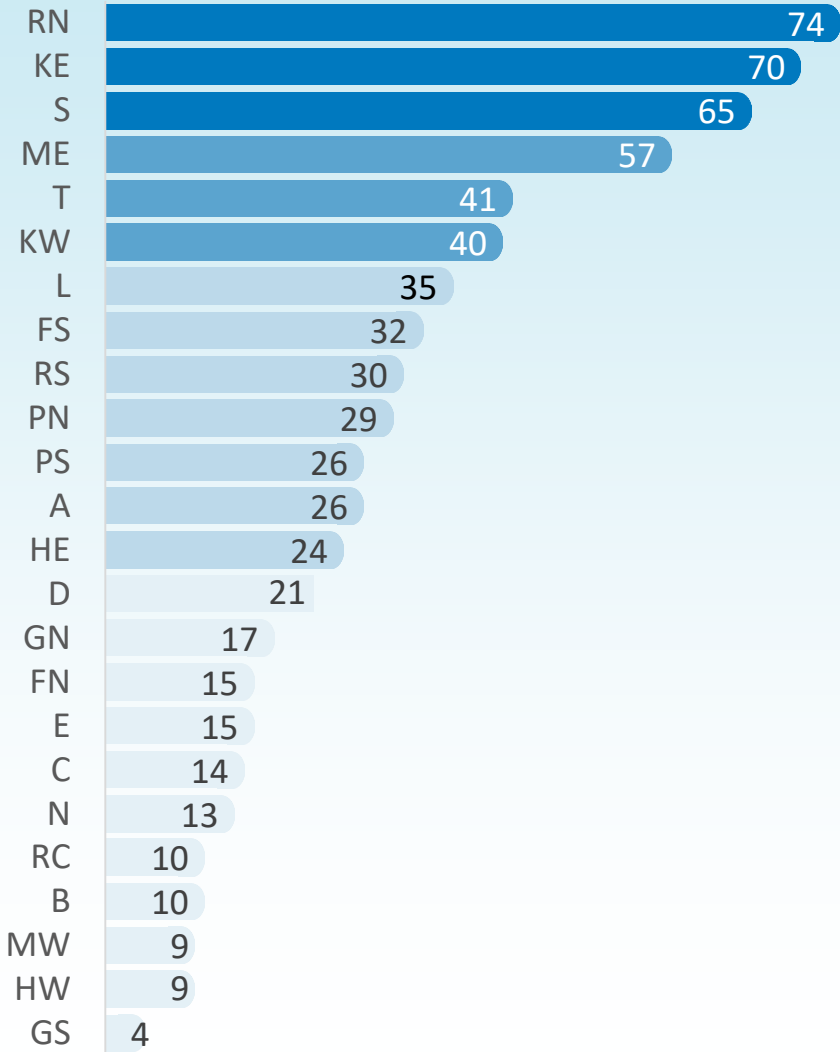
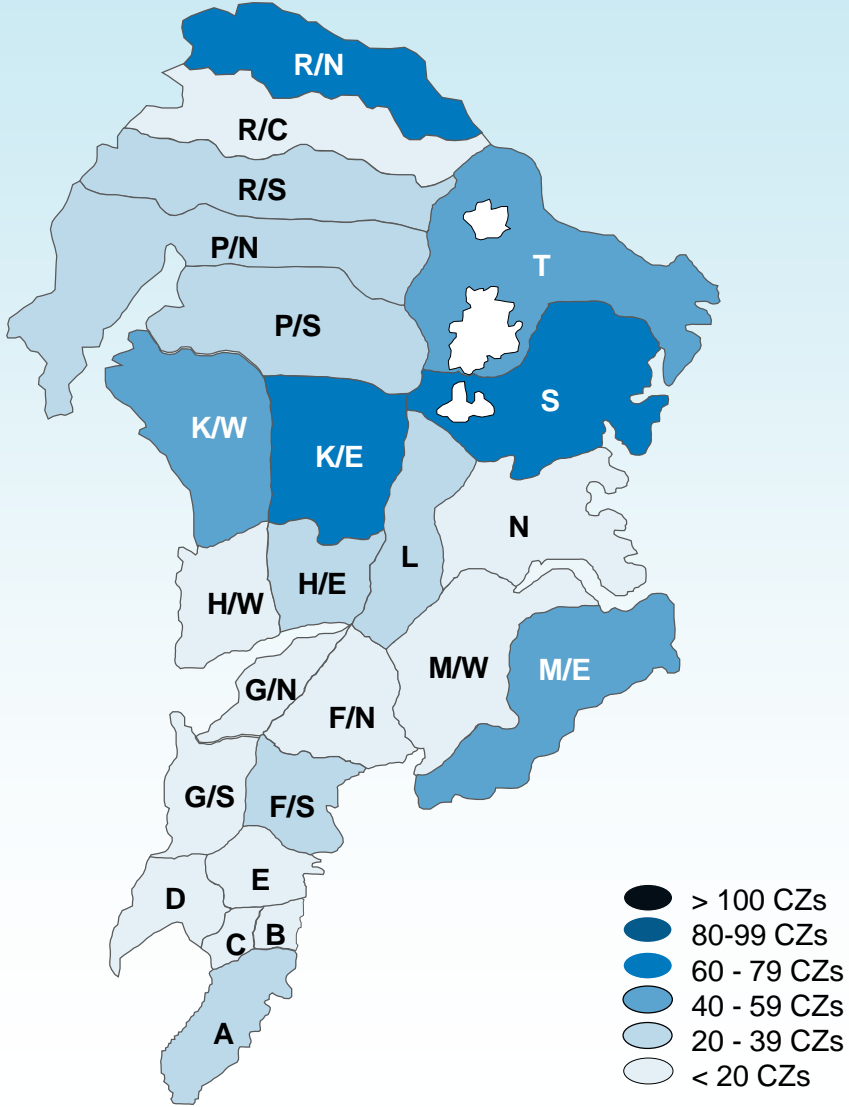


Ward-wise data as of Sep 24, 2020



Ward-wise containment zones – slums and chawls

As of Sep 24, 2020



686 *Active*
 Containment Zones

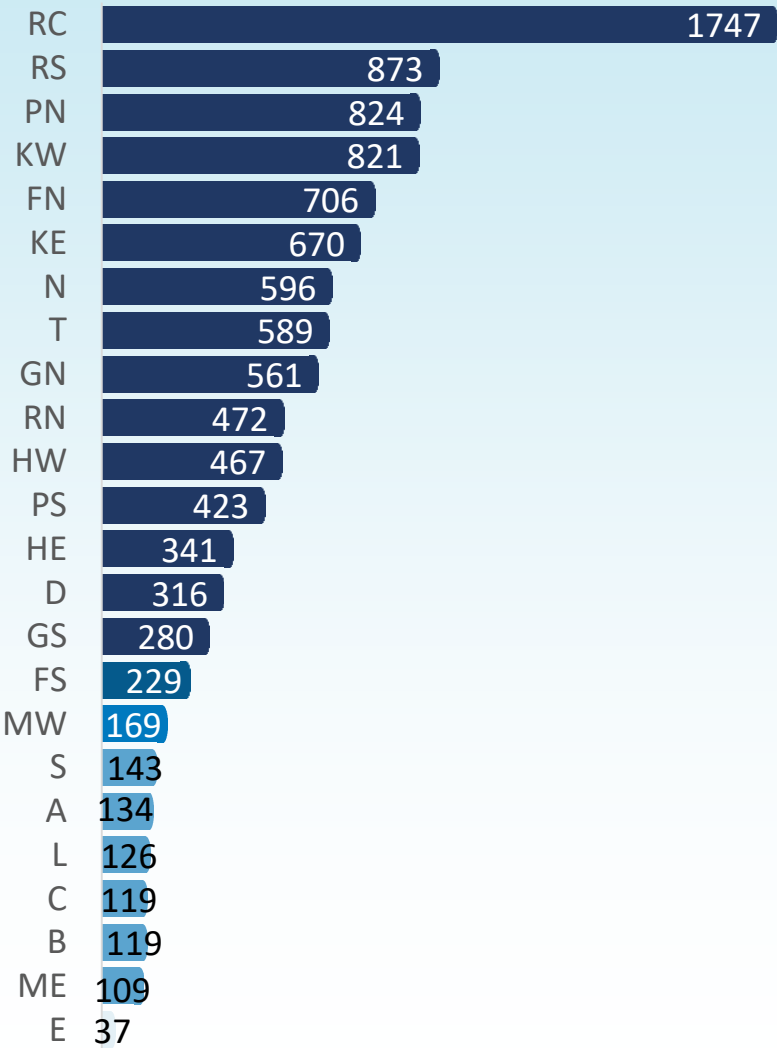
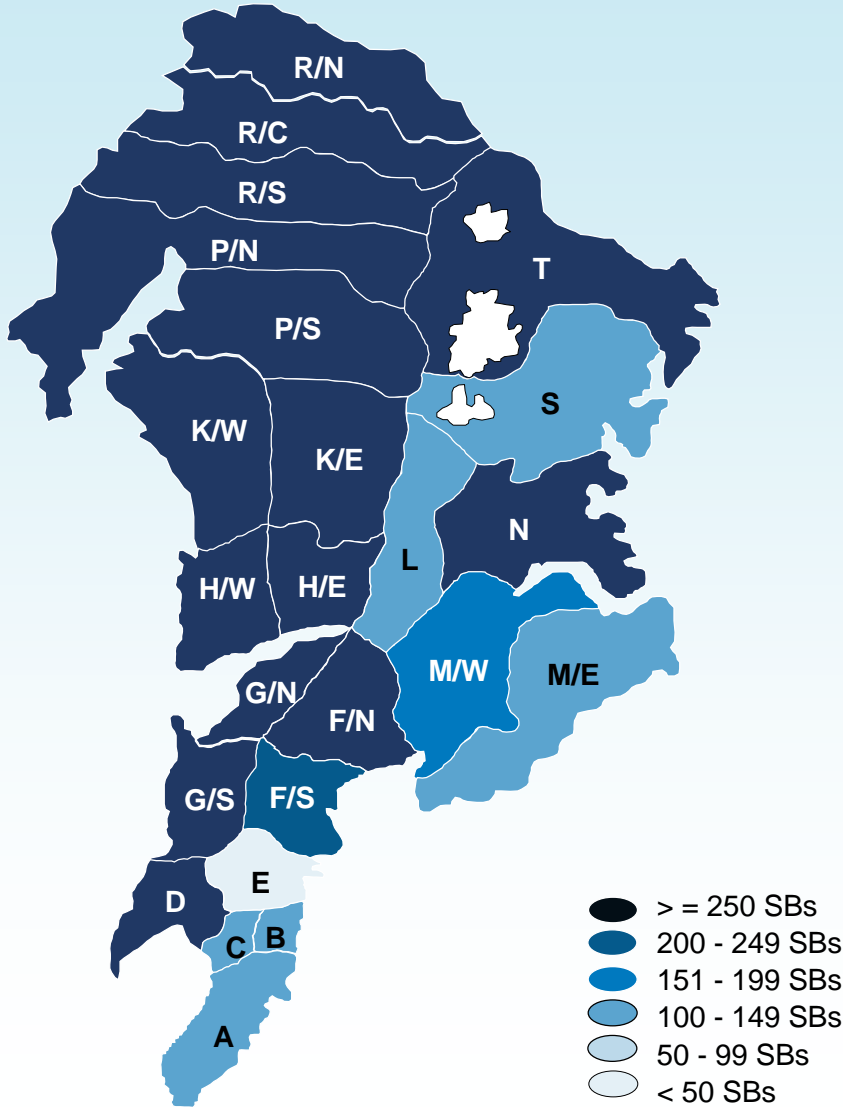
7.9 *lacs*
 No. of Households

33.9 *lacs*
 Population

1,050 *Released*
 Containment Zones

Ward-wise sealed buildings

As of Sep 24, 2020



10,871 *Active*
 Sealed Buildings

3.1 *lacs*
 No. of Households

11.6 *lacs*
 Population

26,851 *Released*
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

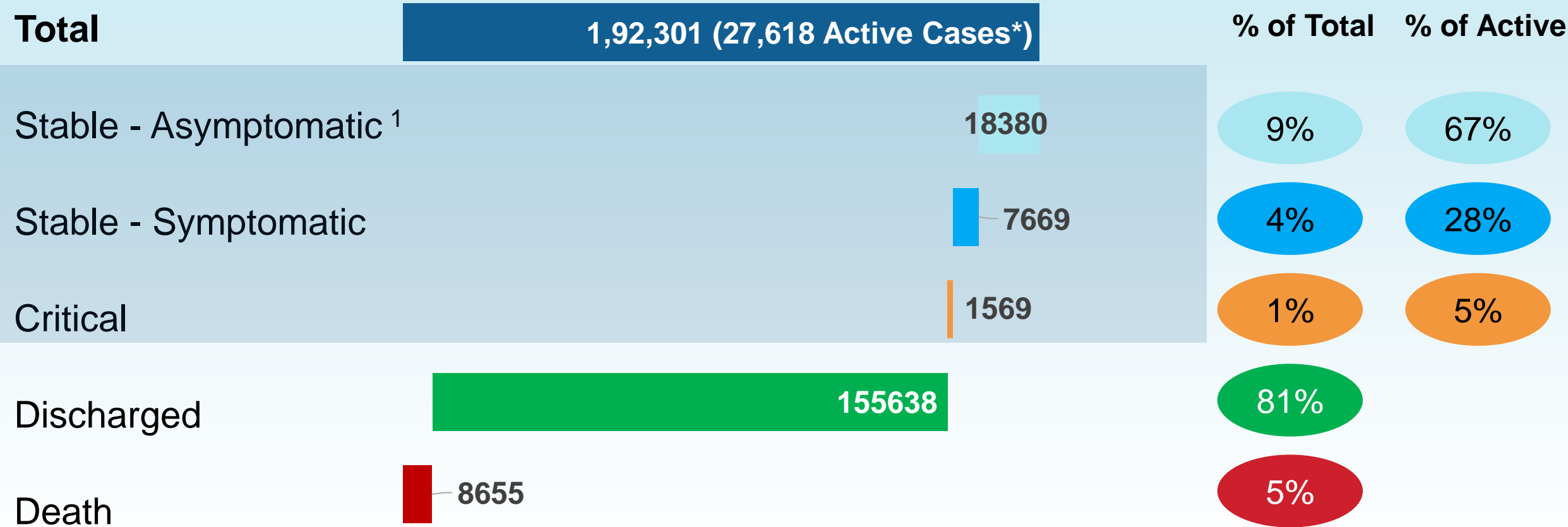
Bed Capacity

Other initiatives



Case summary for Mumbai

As of Sep 24, 2020



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

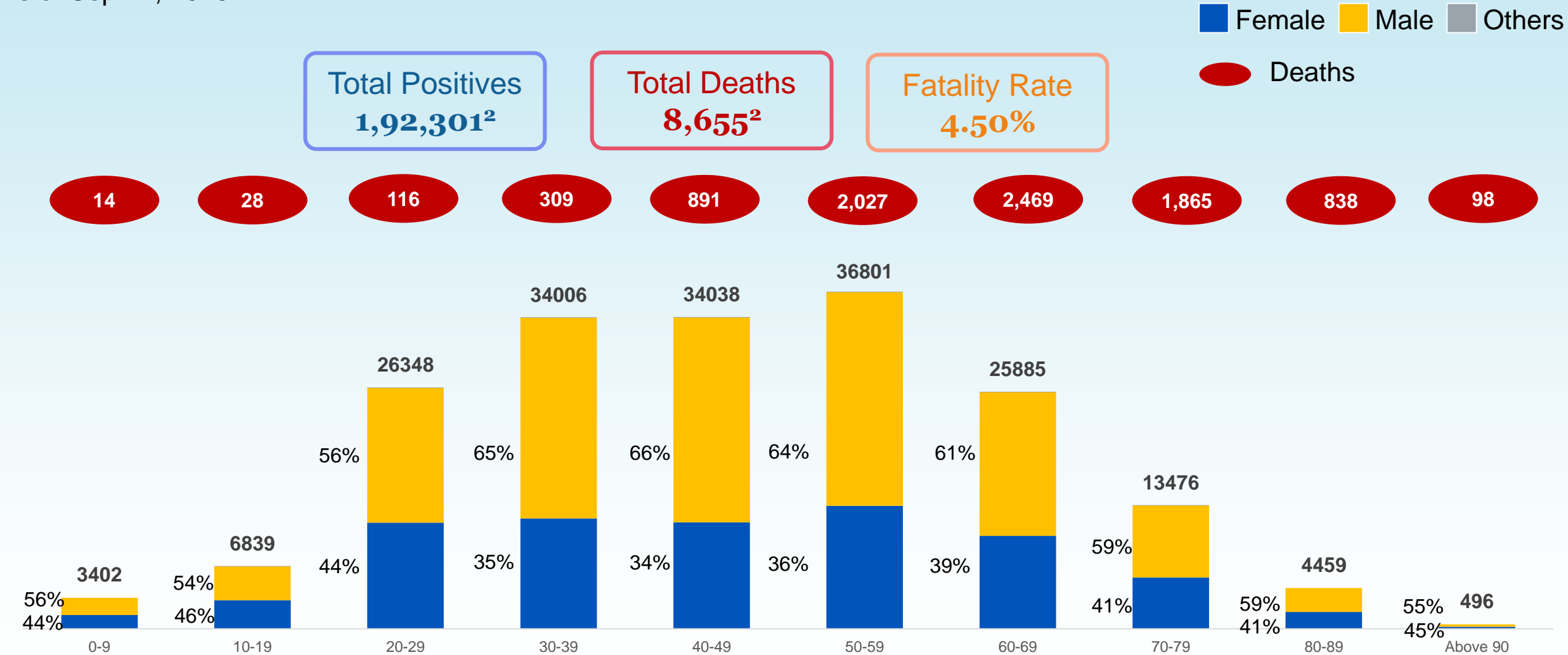
1 As per NCDC ICMR Report, Hospitalized status report (after deducting critical patients) has been considered as Symptomatic; Home Isolation and CCC2 has been considered as Asymptomatic; Difference between the total cases and the above classifications (6,645 cases) has been added to "Stable – Asymptomatic" 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 24, 2020¹



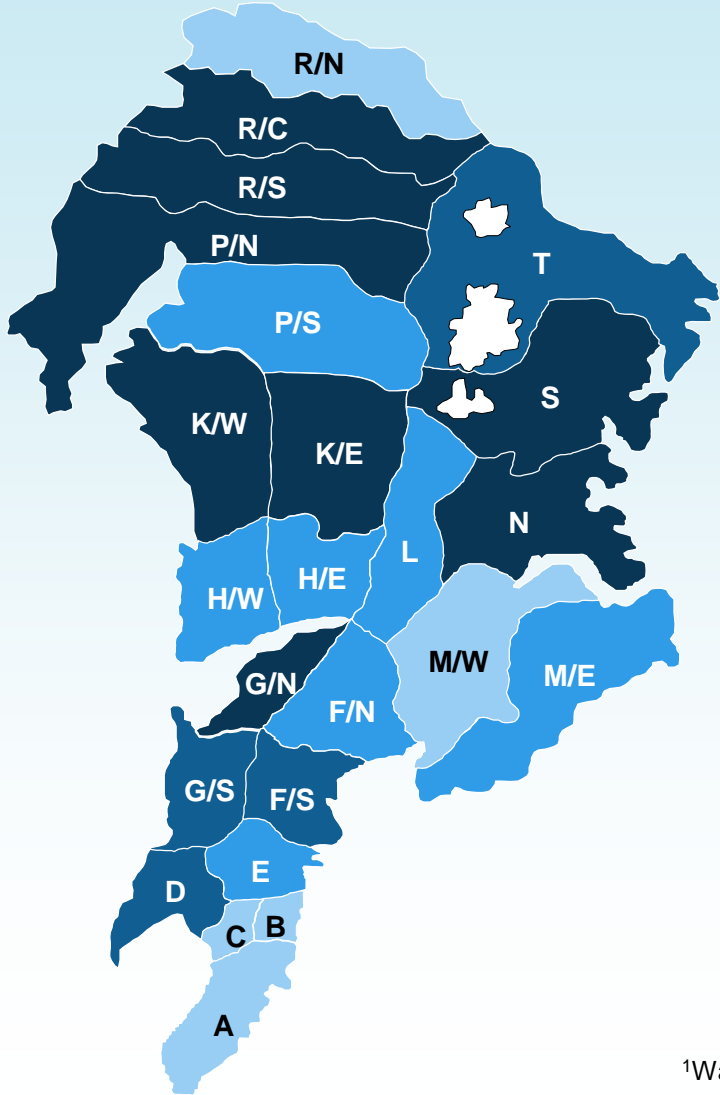
Source: Covid-19 daily update by the DEHO, EPID Cell

1 Total Age and sex-wise break up is available 1,85,750 cases; age-wise breakup of deaths available for 8,655 cases

2 As on Sep 24

Ward-wise breakdown of positive cases

As of Sep 24, 2020



RC	12156	9613	346	2197
KW	11539	9230	368	1941
PN	11403	9519	412	1472
KE	11299	9231	584	1484
GN	10302	8545	549	1208
RS	10094	8042	290	1762
S	9585	7727	520	1338
N	9479	7831	448	1200
T	8646	6977	210	1459
D	8565	7056	288	1221
FS	8088	6826	419	843
GS	7568	6331	442	795
L	7376	6092	481	803
FN	7356	6343	350	663
E	7077	5790	335	952
PS	6824	5580	274	970
ME	6163	5046	338	779
HE	6144	4941	374	829
HW	6051	4708	223	1120
RN	5523	4297	184	1042
MW	5513	4449	319	745
A	4669	3943	80	646
C	2722	2236	115	371
B	1608	1282	101	225
d-wise breakup is available for 1,85,750 cases (26,065 Active), Total		151635	8050	26065

- >=9001 cases
- 7501 – 9000 cases
- 6001 – 7500 cases
- 0 – 6000 cases
- Discharged²
- Deaths³
- Active

Total Positives
1,92,301¹

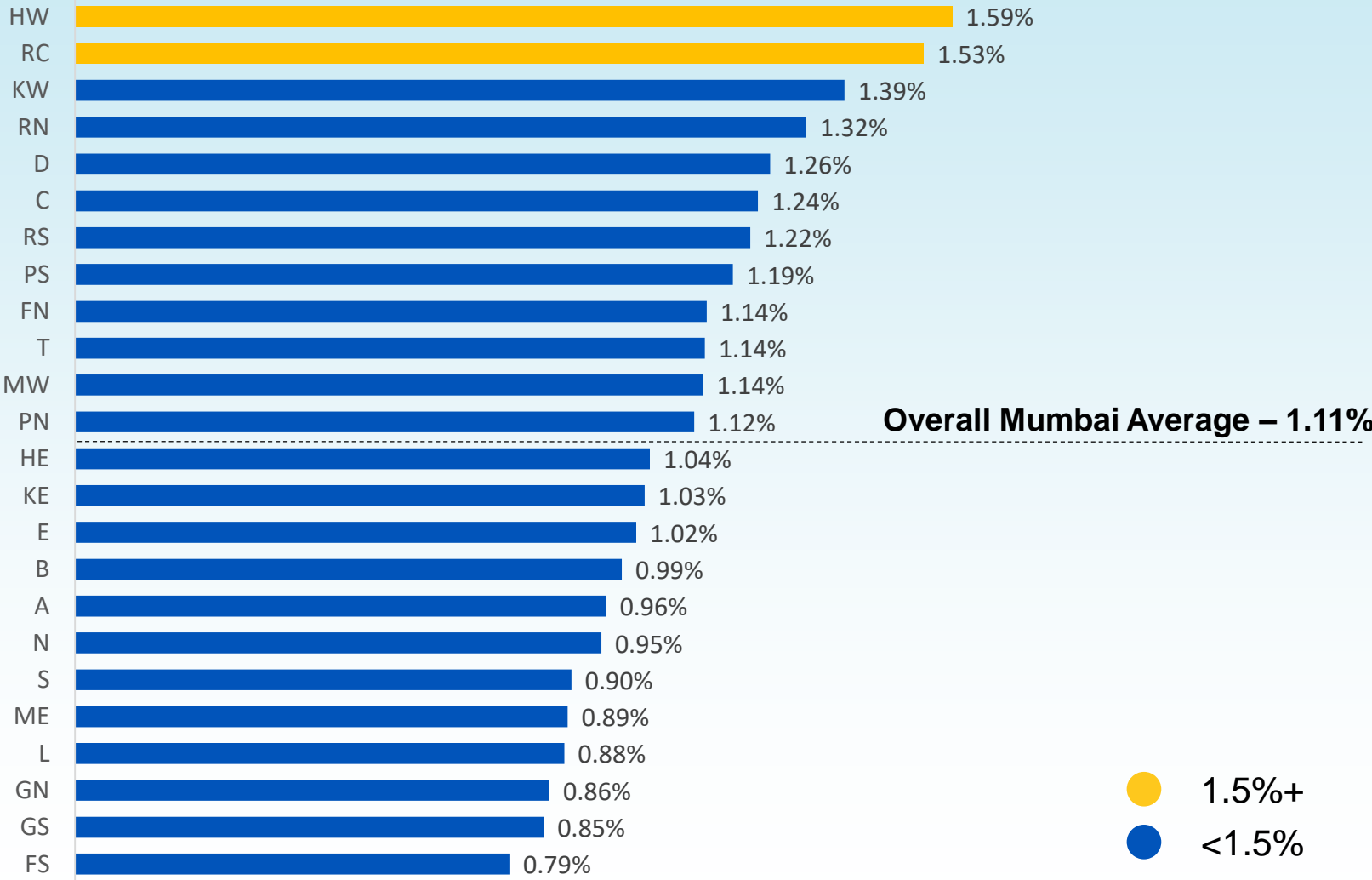
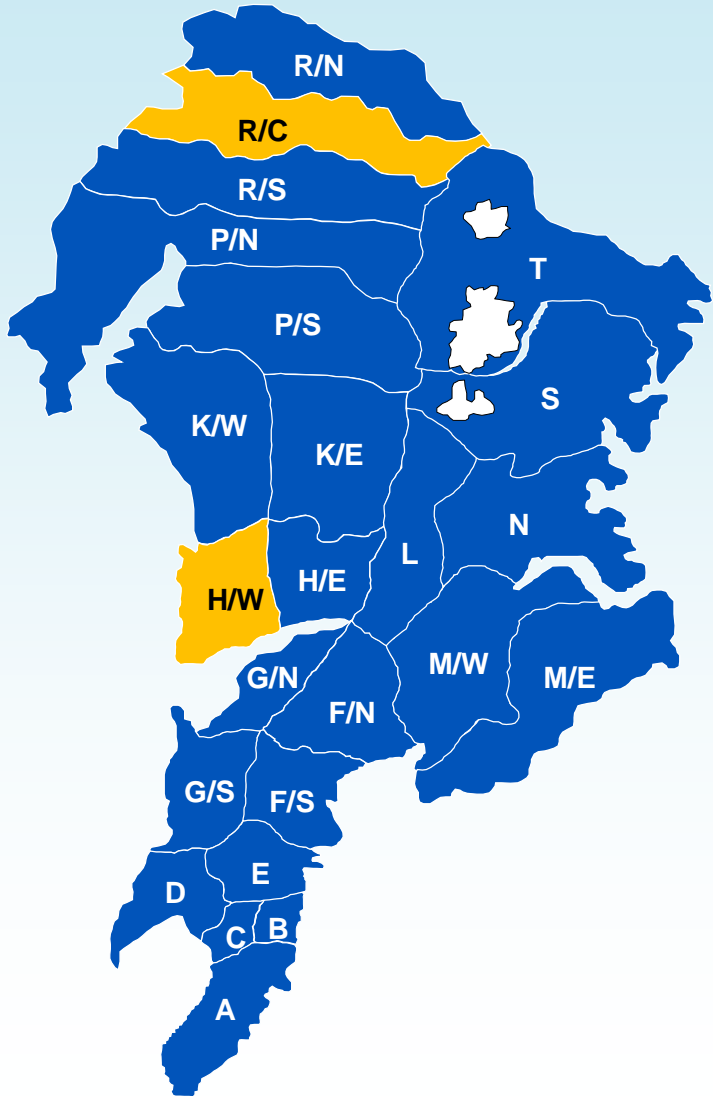
Total Active
26,065¹

Active = Positive – Discharges – Death

¹Ward-wise breakup is available for 1,85,750 cases (26,065 Active), Total
²Discharges as on Sep 24, Available for 1,51,635 cases,
³Deaths as on Sep 24, Available for 8,050 cases
 Ward wise reconciliation for Discharged, Deaths and Active is on going ²¹
 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 24, 2020



Ward-wise new cases

Positive cases for the last 7 days till Sep 24, 2020¹

Date of report	HW	RC	KW	RN	D	C	RS	PS	FN	MW	T	PN	HE	KE	E	B	A	N	ME	S	L	GN	GS	FS	Grand Total
Area>>>	Bandra	Borivali	Andheri W	Dahisar	Grant Road	Marine Lines	Kandivali	Goregaon	Matunga	Chembur W	Mulund	Malad	Khar	Andheri E	Byculla	Sandhurst Road	Colaba	Ghatkopar	Chembur E	Bhandup	Kurla	Dadar	Elphinstone	Parel	
As on 17th Sep	5420	10927	10475	5038	7848	2498	9272	6282	6794	5094	7987	10548	5715	10517	6594	1501	4367	8871	5792	9004	6935	9704	7134	7657	171974
18-Sep	72	179	163	82	128	48	114	72	93	73	101	134	62	110	78	19	55	106	63	77	51	84	77	60	2101
19-Sep	103	159	151	89	92	39	123	79	103	55	102	109	71	91	74	13	58	96	51	106	71	101	74	101	2111
20-Sep	116	185	150	81	106	36	129	59	78	61	97	131	75	120	63	21	55	91	50	98	79	76	69	61	2087
21-Sep	81	130	145	38	75	21	108	77	72	55	77	132	54	102	70	9	24	80	54	105	56	64	52	52	1733
22-Sep	72	144	127	36	95	25	70	64	40	36	73	99	45	104	68	14	34	55	41	66	48	64	47	40	1507
23-Sep	112	230	180	77	112	34	134	104	97	59	98	124	70	134	69	18	44	98	45	80	64	107	66	66	2222
24-Sep	75	202	148	82	109	21	144	87	79	80	111	126	52	121	61	13	32	82	67	49	72	102	49	51	2015
As on 24th Sep	6051	12156	11539	5523	8565	2722	10094	6824	7356	5513	8646	11403	6144	11299	7077	1608	4669	9479	6163	9585	7376	10302	7568	8088	185750
Days to double	44	46	50	53	55	57	57	59	61	61	61	62	67	68	69	70	73	73	78	78	79	81	82	89	63

Wards <= 50 days to double

- Ward HW
- Ward RC
- 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 24, 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

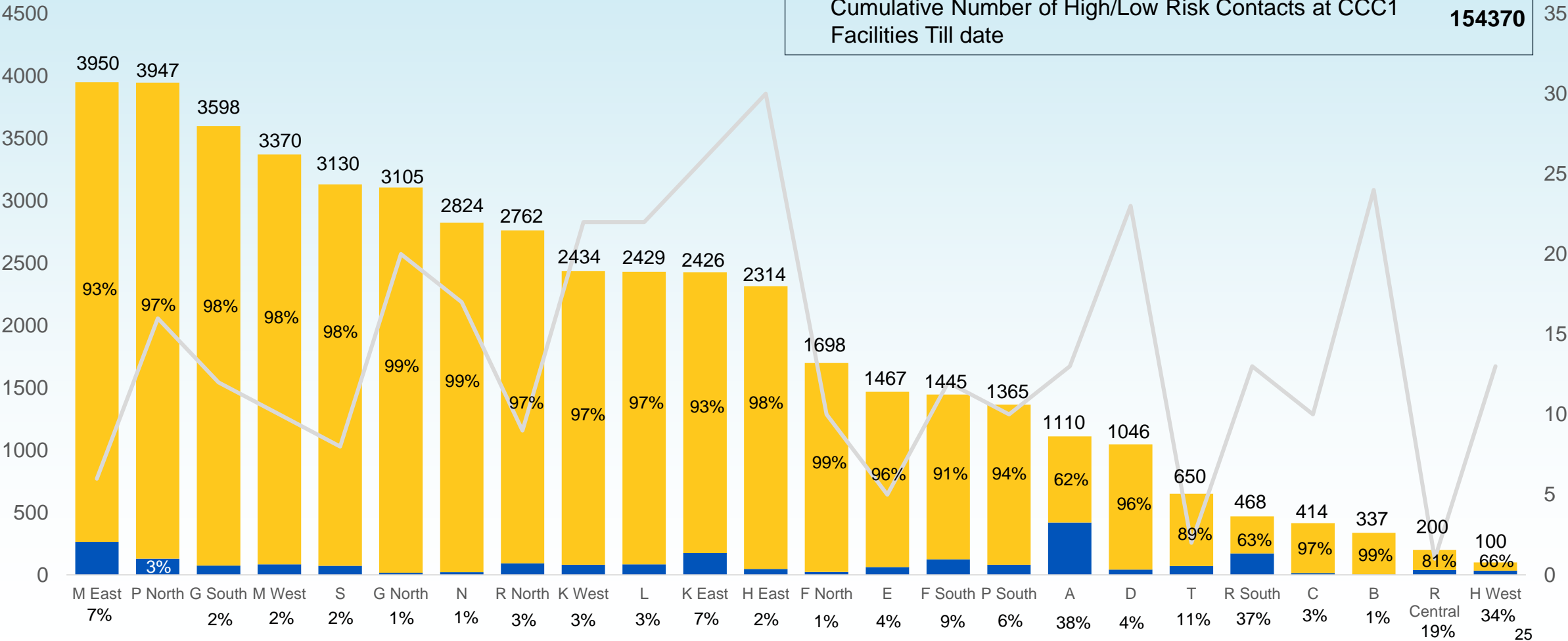
Other initiatives



Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 24, 2020

No. of CCC1 Facilities identified for High/Low Risk Contacts	334
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2227
Available capacity	44362
Total Capacity	46589
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	154370



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

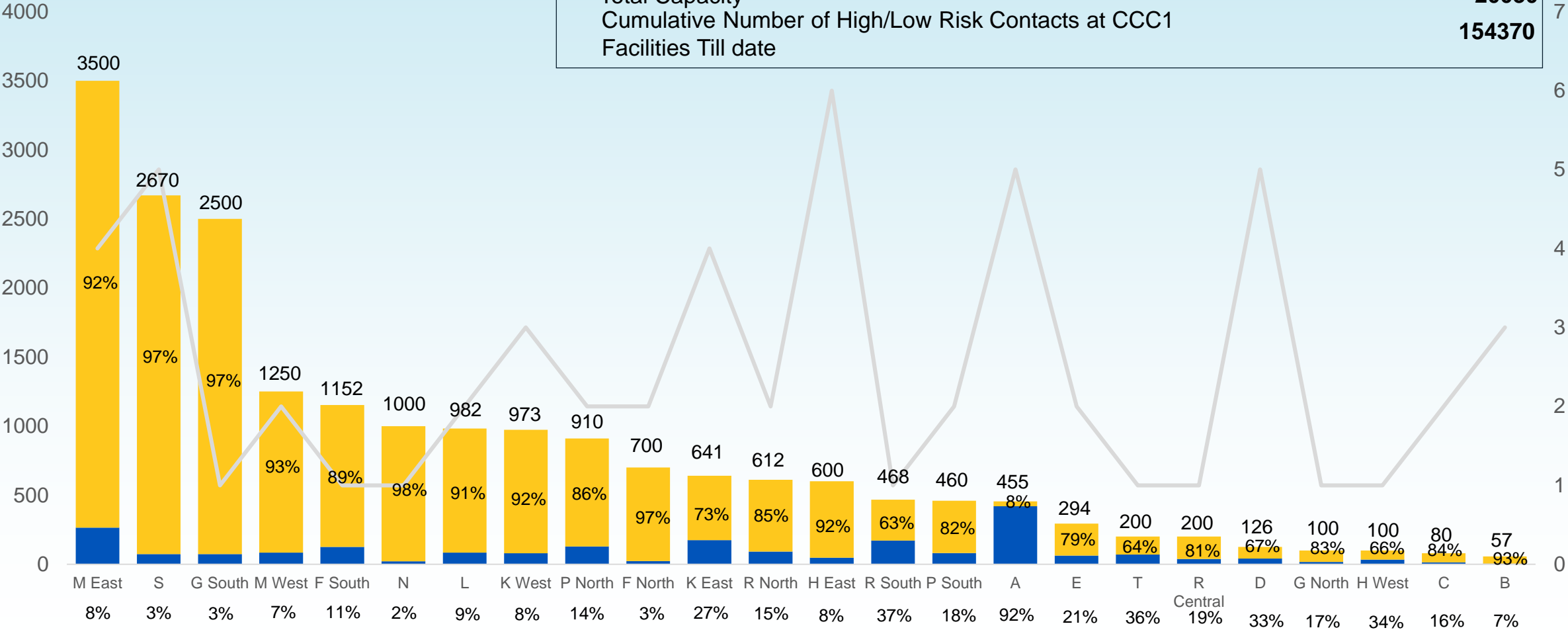
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 24, 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:	2227
Available capacity	17803
Total Capacity	20030
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	154370

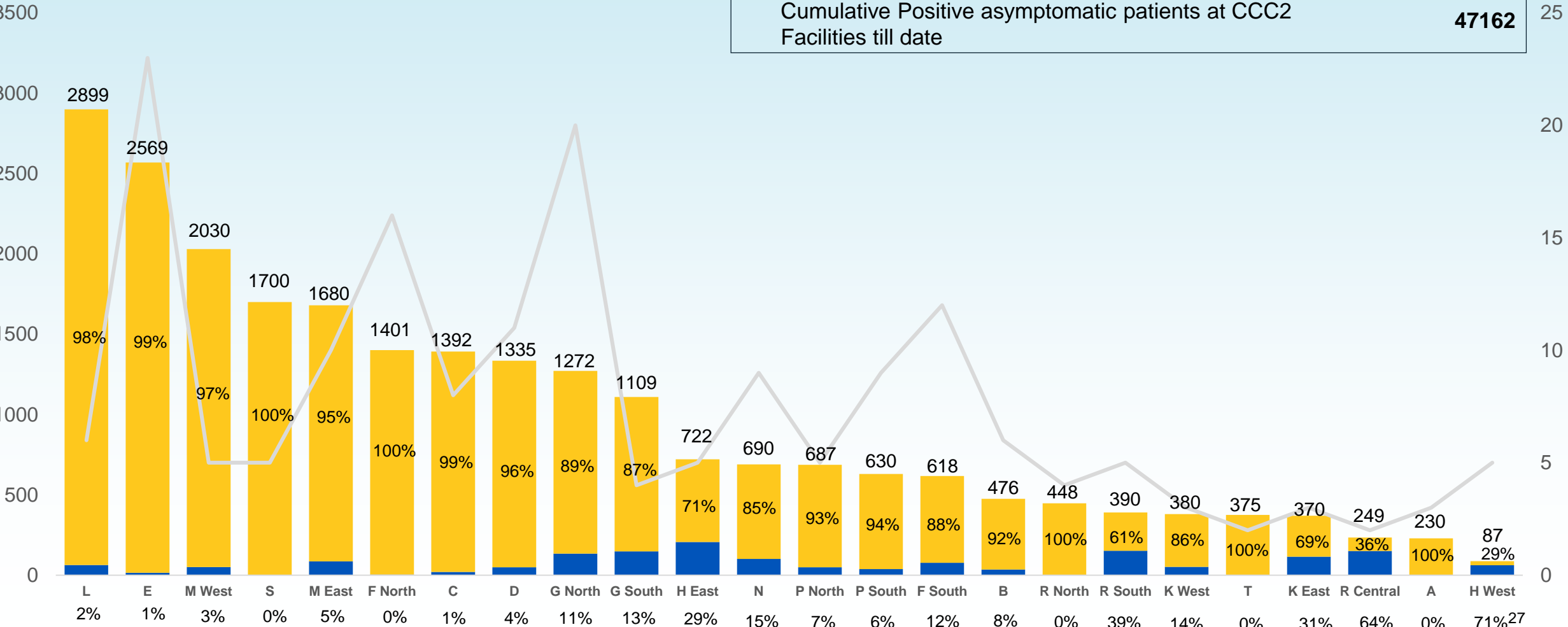




Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 24, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	181
Number of positive asymptomatic patients shifted to CCC2 Facilities	1612
Available capacity	22113
Total Capacity	23725
Cumulative Positive asymptomatic patients at CCC2	47162
Facilities till date	



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

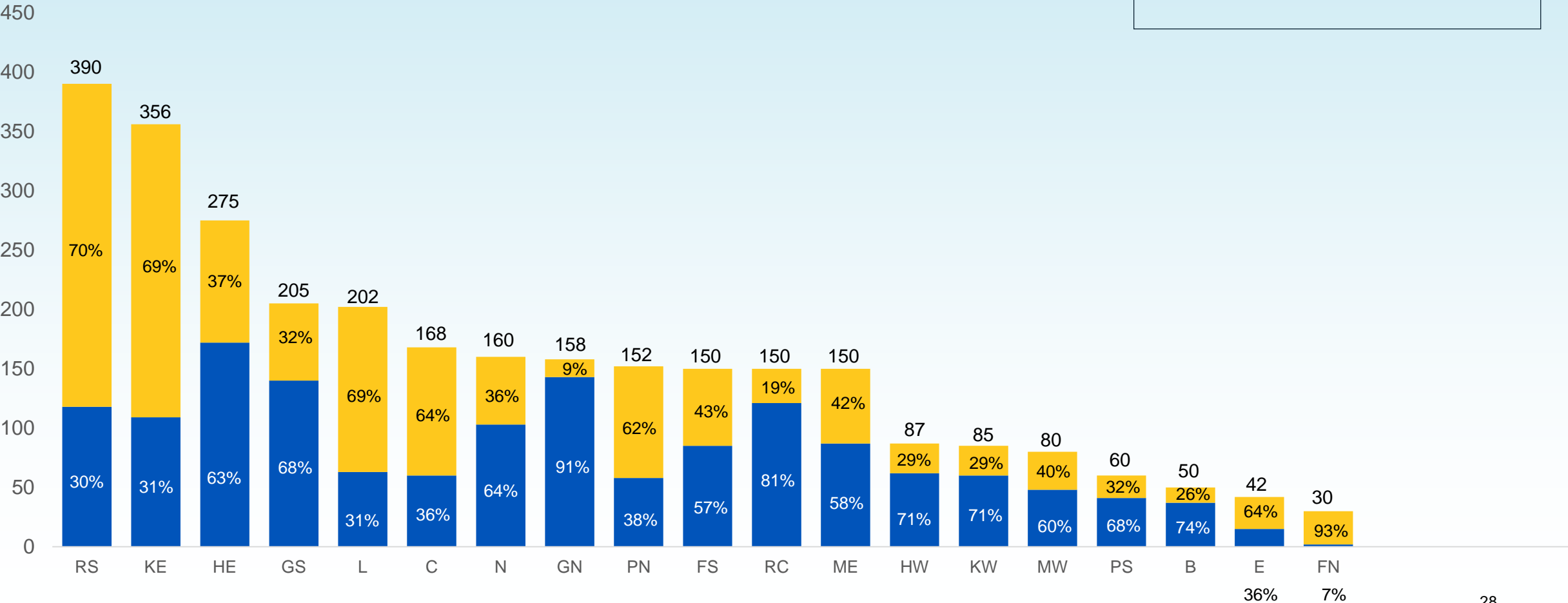
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 24, 2020

Beds occupied	1524
Available capacity	1426
Total capacity	2950
Cumulative patients till date	39394



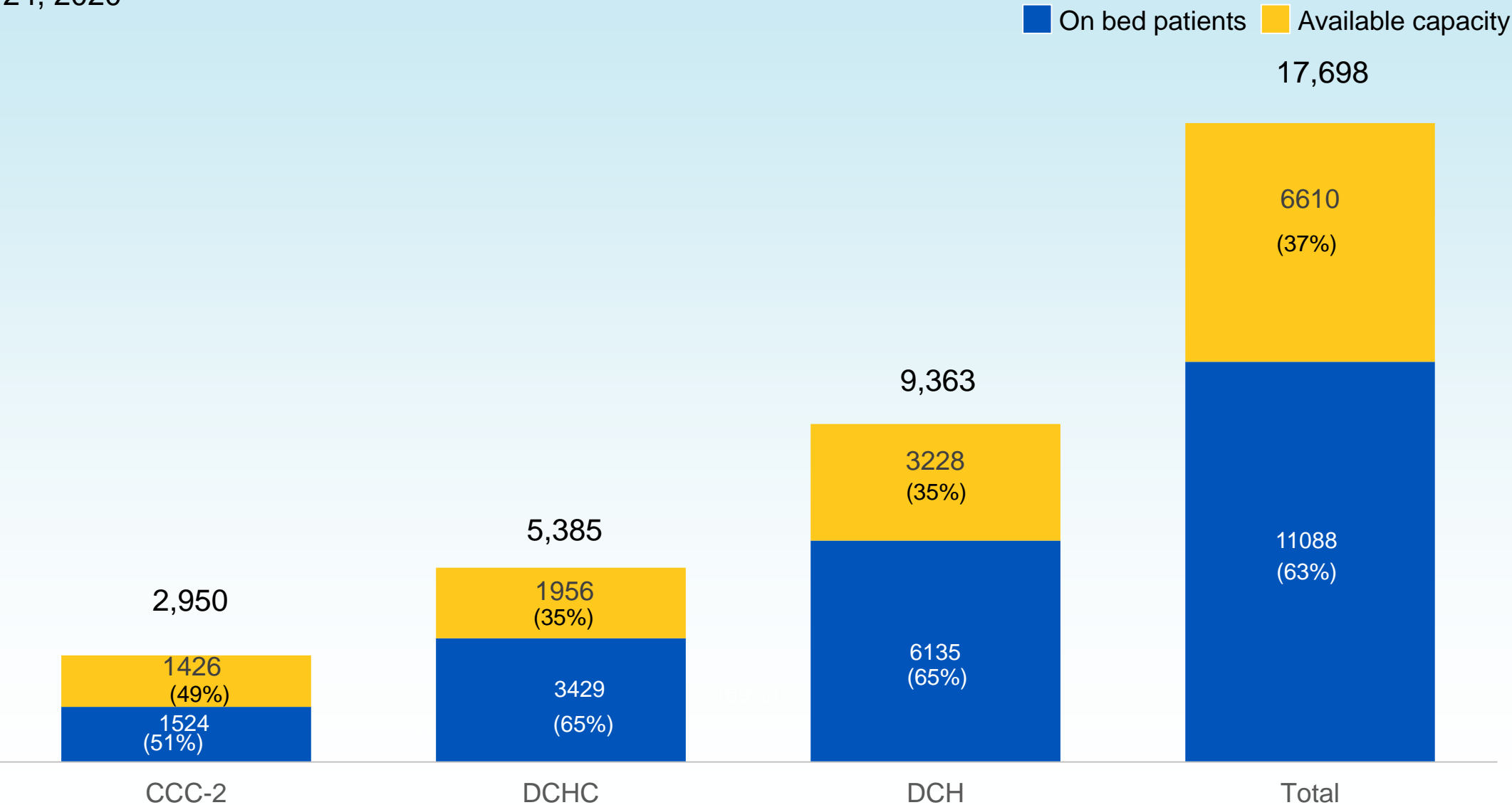
Source: "CCC2 line list"

Data subject to change after scrutiny and ongoing verification process



Summary of total bed capacity

As of Sep 24, 2020



Source: At a glance facilities & DMU dashboard

Data subject to change after scrutiny and ongoing verification process

Covid19 Bed Management

Data as on 02:00 PM, Sep 25, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
Total	14,748	9,564	5,184
ICU Beds	1,923	1,713	210
Regular	1,889	1,692	197
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	12,825	7,851	4,974
Quarantine for Suspect	1,039	637	402
Isolation for Positives	11,360	6,990	4,370
Pregnancy	242	109	133
Others (Cancer + Dialysis)	184	115	69
<i>O2 Beds*</i>	8,893	5,686	3,207
<i>Ventilators*</i>	1,134	1,020	114

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

Summary of total bed capacity

Data as on 02:00 PM, Sep 25, 2020 , Subject to change

		COVID Beds				
		Total	ICU Beds	Normal Beds		O2 Beds* Ventilators*
Capacity	Total	14,748	1,923	12,825		8,893 1,134
	Public Hospitals	10,949	1,015	9,934		6,469 719
	Pvt Hospitals	3,799	908	2,891		2,424 415
Occupancy	Total	9,564	1,713	7,851		5,686 1,020
	Public Hospitals	6,395	883	5,512		3,729 643
	Pvt Hospitals	3,169	830	2,339		1,957 377
Vacancy	Total	5,184	210	4,974		3,207 114
	Public Hospitals	4,554	132	4,422		2,740 76
	Pvt Hospitals	630	78	552		467 38

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



Key Trends

Contact tracing and home quarantine

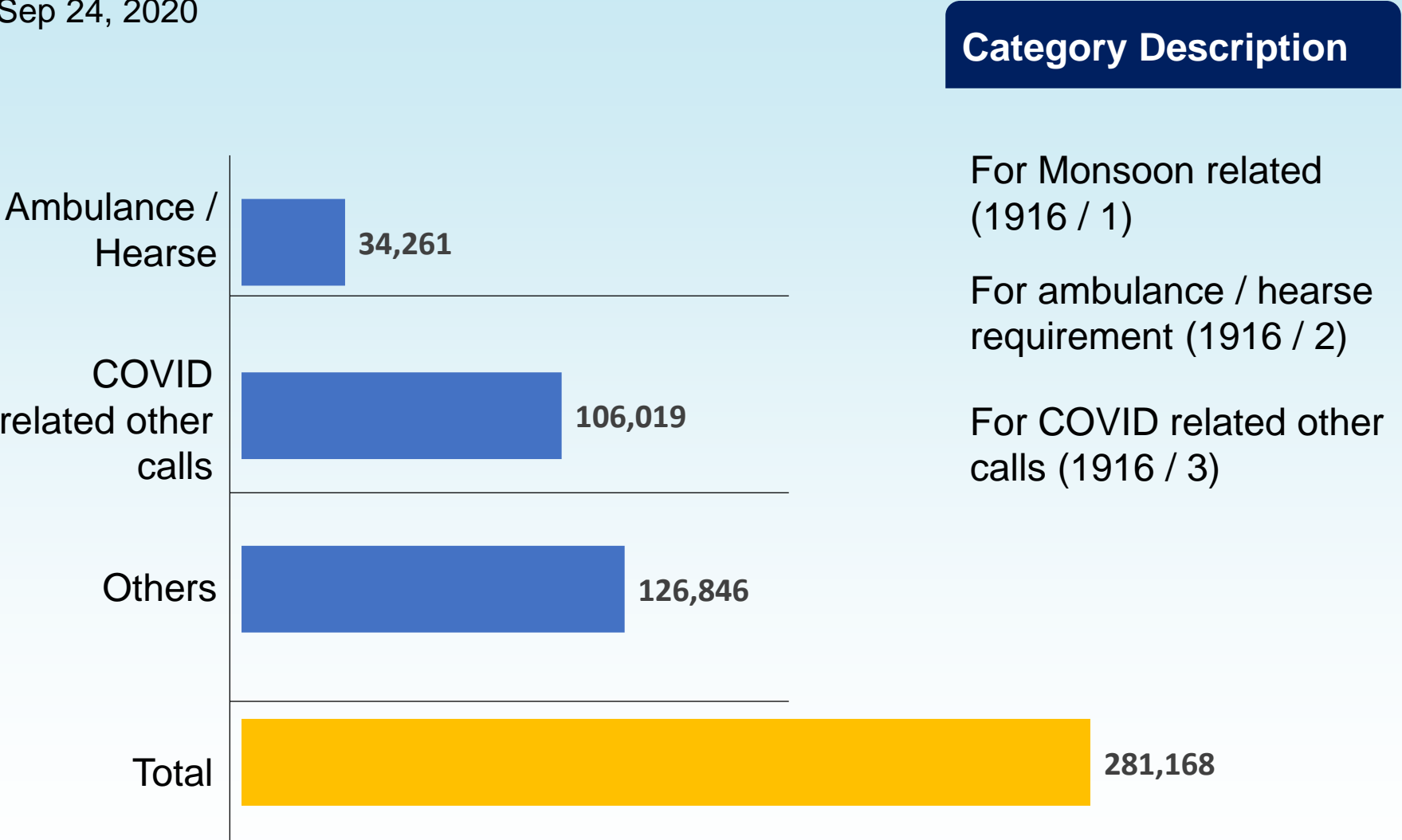
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Call Center update

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



Management of Waste from Quarantined Areas

September 22, 2020



Waste Collected (in Kgs)

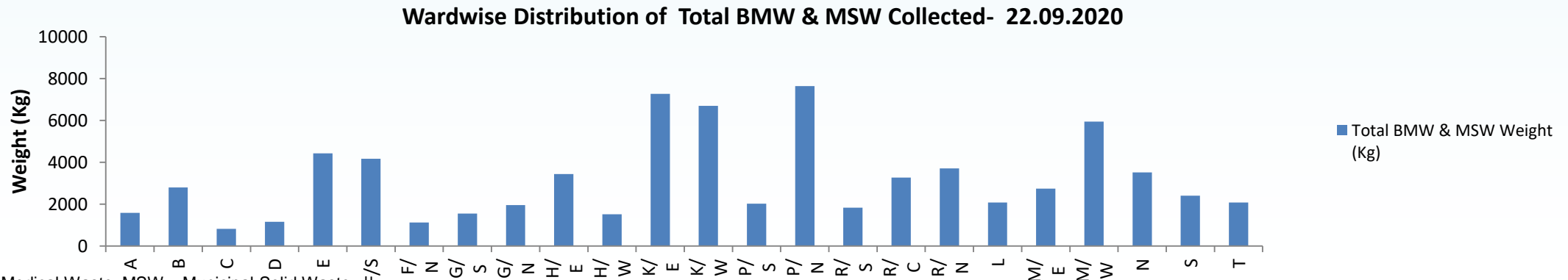
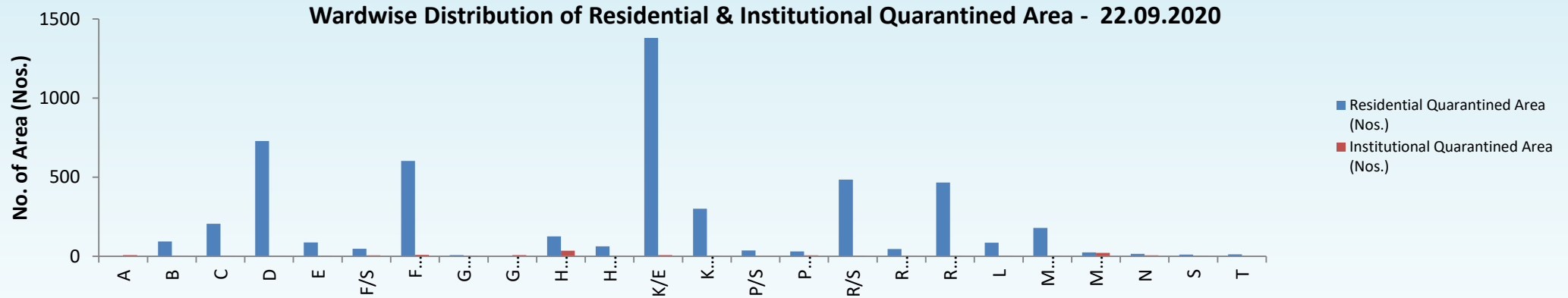
COVID BMW (in Kgs)
11,334

MCGM Quarantine BMW (in Kgs)
765

Total BMW (in Kgs):
12,099.0

Total MSW Collected by MCGM from Quarantined Area (in Kgs):
74,920.0

Total MSW & BMW Collected by MCGM from Quarantined Area(in Kgs): **87,019**



Thank you

