BMC Covid-19 Response War Room Dashboard

Sep 27, 2020

Mumbai COVID19 status at a glance

As of Sep 26, 2020

COVID19 Case Analysis

Total Positive	1,96,459
Discharged	1,58,749
Deaths	8,747
(Deaths with Age > 50yrs – 7,372)	
Total Active	28,568
Stable – Asymptomatic	19,556
Stable - Symptomatic	7,492
Critical	1,520
Tests Done (till date)	10,82,329
% of Positive (till date)	18.15

COVID19 Bed Management
(As on 01:00 PM, Sep 27, 2020)

Bed Capacity (DCHC+DCH+CCC2)	18,009
Occupied	11,251
Available	6,758
DCH & DCHC Bed Capacity	14,859
Occupied	9,709
Available	5,150
ICU Bed Capacity	1,917
Occupied	1,704
Available	213
O2 Bed Capacity	9,004
Occupied	5,815
Available	3,189
Ventilator Bed Capacity	1,128
Occupied	1,020
Available	108

CCC1 Facilities

	Facilities (#)	Bed Capacity	Occupancy
Total	335	46,677	1,960
Active	42	17,535	1,960
Buffer	17	2,373	-
Reserve#	276	26,769	-

CCC2 Facilities

	Facilities (#)	Bed Capacity	Occupancy
Total	181	23,725	1,522
Active	24	2,964	1,522
Buffer	13	2,265	-
Reserve#	144	18,496	-

Facilities that have been deactivated and can be used as per need

Contact Tracing

	Past 24hrs	Cumulative
Total Traced	19,925	29,39,270
High Risk	11,952	11,58,102
Low Risk	7,973	17,81,168
Total Quarantine Completed		25,11,711
Currently in Home Quarantine		4,25,599

Others

Active Containment Zones – Slums & Chawls	676
Released Containment Zones – Slums & Chawls	1,102
Active Sealed Buildings	10,289
Released Sealed Buildings	28,976
Calls Centre Calls Flow	283,457

Ward wise positive cases

Wards	HW	RC	KW	D	RS	PS	RN	PN	T	FN	C	KE	MW	HE	E	A	S	B	N	L	ME	GS	GN	FS	Overall Mumbai
Positive Cases	6216	12518	11863	8779	10355	6980	5655	11651	8842	7529	2778	11521	5603	6257	7206	4775	9751	1625	9620	7475	6258	7691	10432	8208	
Days to double	46	46	51	57	57	59	59	63	63	65	67	67	69	72	74	76	81	83	83	84	84	89	91	100	66

1 Ward-wise break up is as on Sep 26, 2020, available for 1,89,588 cases

Data subject to change after scrutiny and ongoing verification process

Key Trends

Contact tracing and home quarantine
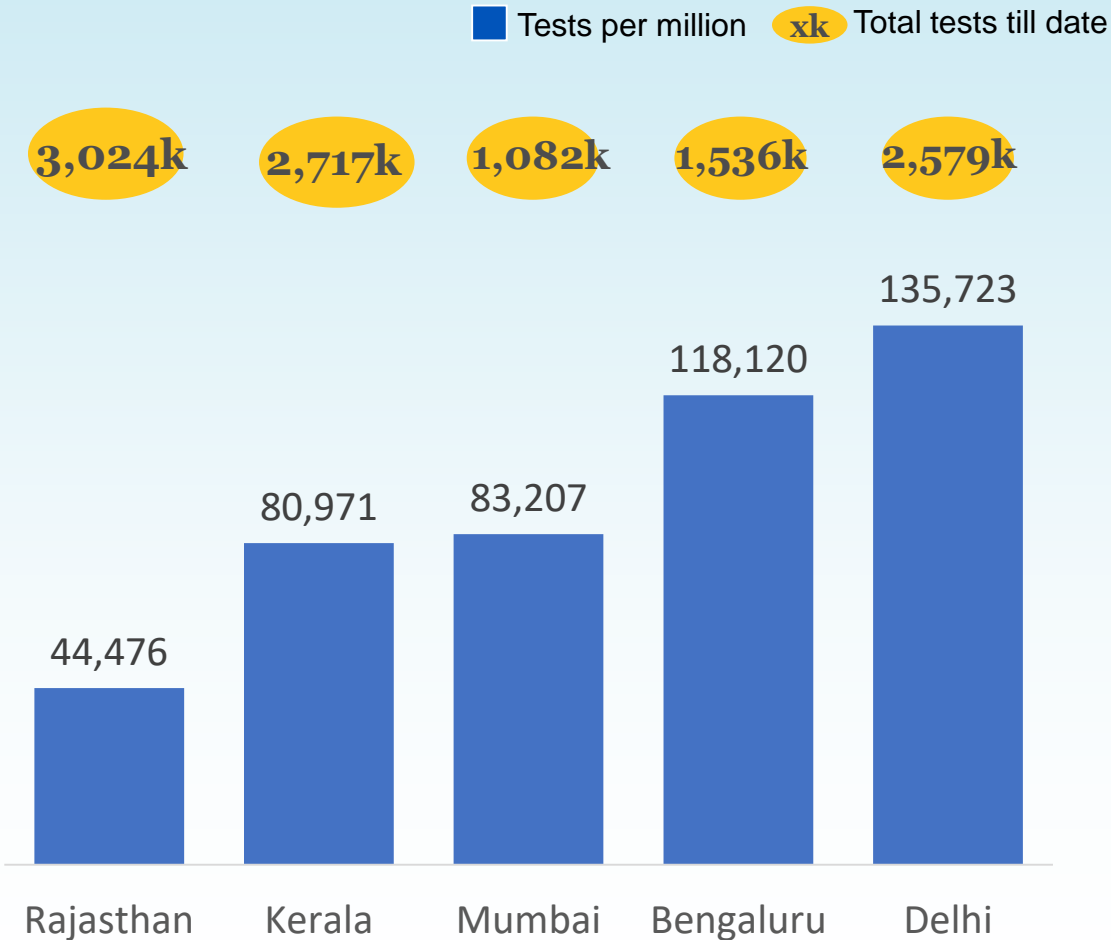
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Sep 26, 2020

Tests per million

■ Tests per million   ⬭ **xk** Total tests till date

3,024k   **2,717k**   **1,082k**   **1,536k**   **2,579k**

135,723

118,120

80,971   83,207

44,476

| Rajasthan | Kerala | Mumbai | Bengaluru | Delhi |

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

State	Cases	Tests	Tests per million
Bengaluru	212,547	1,535,558	118,120
Mumbai	**196,459**	**1,082,329**	**83,207**
Delhi*	249,259	2,578,737	135,723
West Bengal	244,240	3,055,039	33,860
Gujarat	131,646	4,168,516	67,234
Kerala	167,939	2,717,040	80,971
Maharashtra	1,321,176	6,409,451	51,875
Rajasthan	126,775	3,024,341	44,476
Tamil Nadu	575,017	7,004,558	209,794

Source: Government COVID bulletins as of Sep 26 2020
* Data as on Sep 21 2020

Data subject to change after scrutiny and ongoing verification process   4

Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 26, 2020

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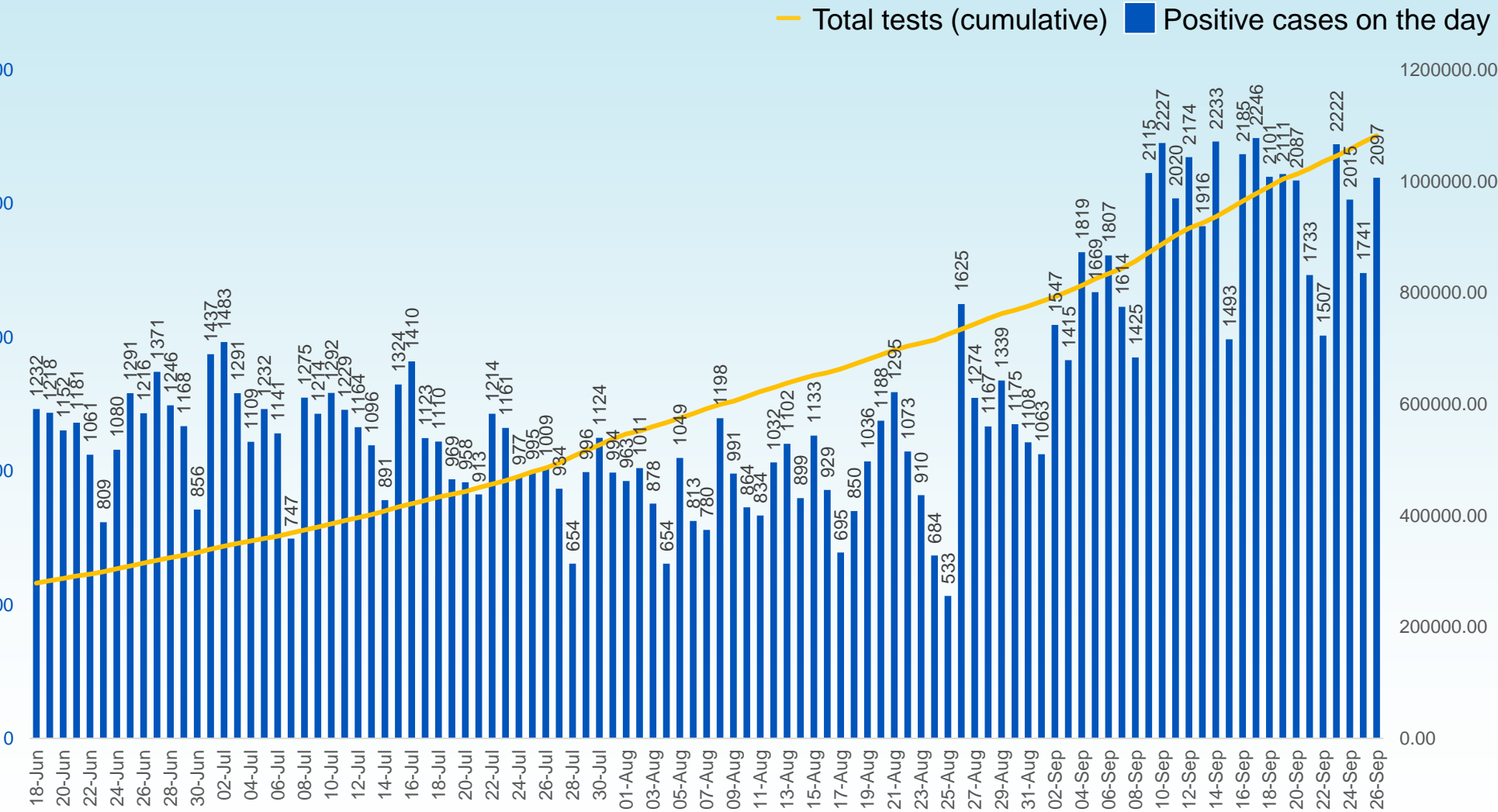
Summary till date

1,96,459 [1]

Total positive cases

10,82,329 [2]

Total tests conducted

18.15%

Positive cases as a % of total tests

1 Total Positive cases as on Sep 26, Total cases as of Sep 26 as per line list is 1,89,588

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

Data subject to change after scrutiny and ongoing verification process

5

Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 26, 2020

■ Tests (for the day) — Positive %[1]
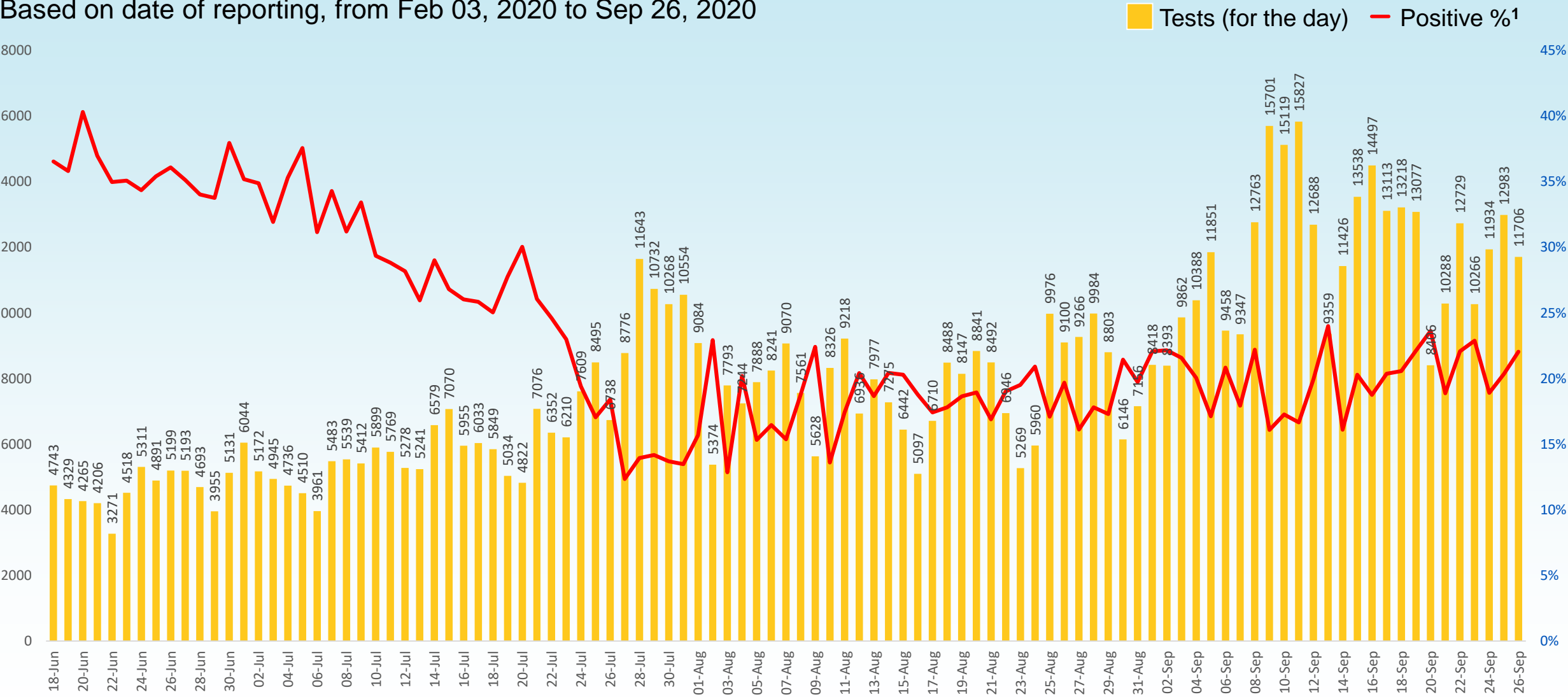
[1]Positive samples for the day as a % of total tests for the day;
 Positive Samples include duplicates with ICMR (~12%) and Out of Mumbai Cases (2%)
Source: Covid-19 daily update by the Public Health Department, BMC

6

Data subject to change after scrutiny and ongoing verification process

Trend of positive cases vis-à-vis Tests

As of Sep 26, 2020

¹Data for Antigen tests is available from Jul 07 onwards

*The tests data is in thousands

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

Data subject to change after scrutiny and ongoing verification process

7
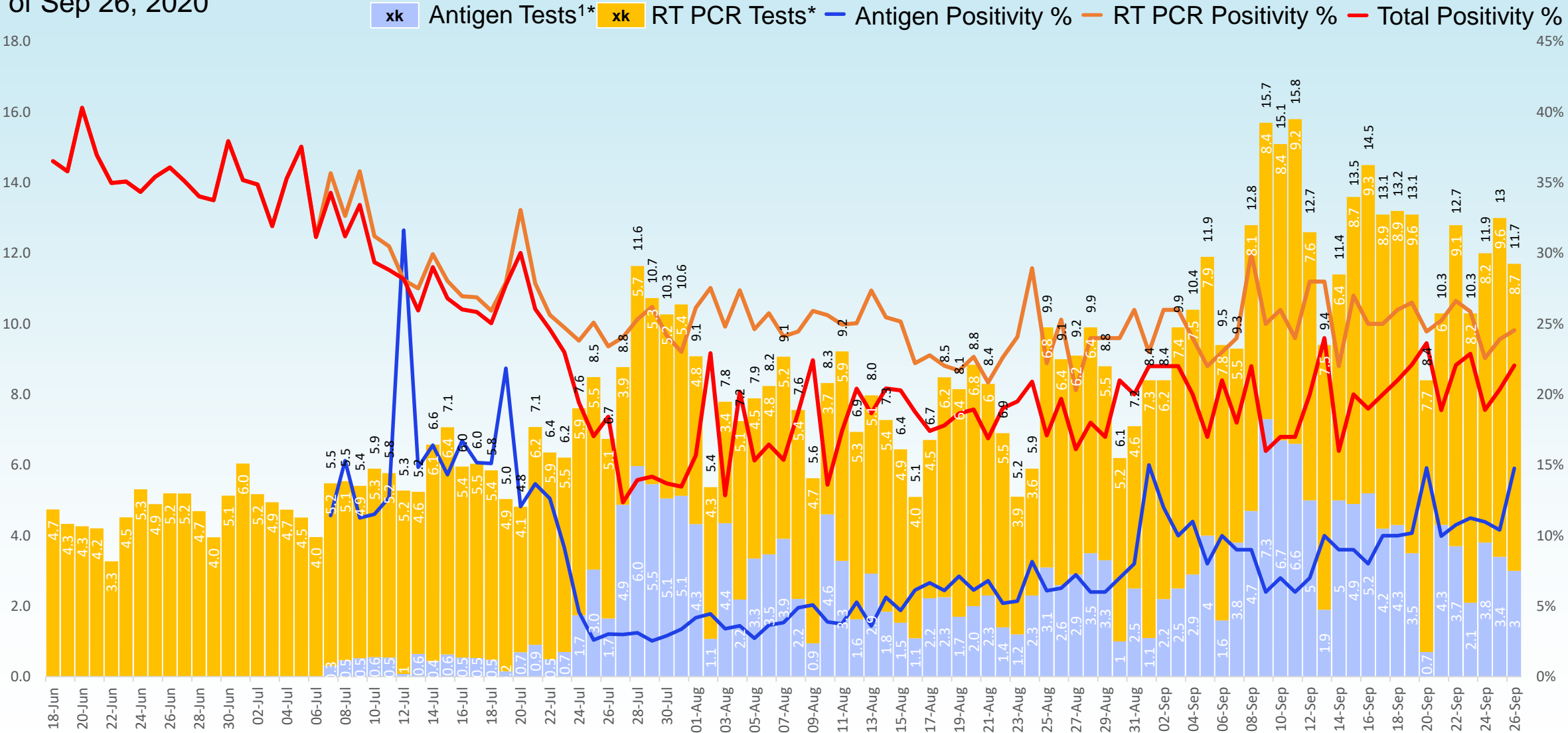
Trend of Recovered Cases

As of Sep 26, 2020

— **Recovered Cases (Cumulative)**　　▇ **Recovered Cases (for the day)**

158749
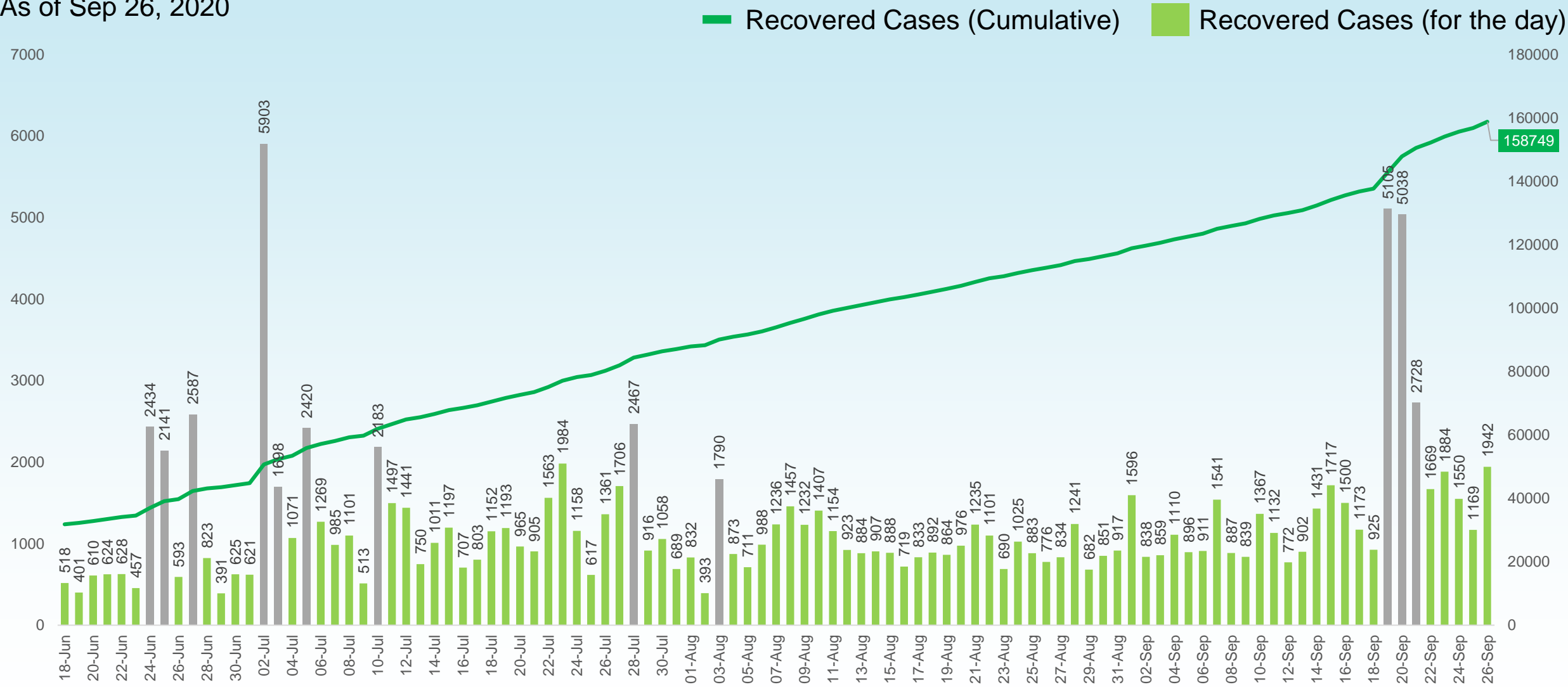
¹Spikes refer to reconciliation and updation of data on ICMR Portal

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

Data subject to change after scrutiny and ongoing verification process

Trend of Active Cases

As of Sep 26, 2020

🟨 Active Cases (Cumulative)

9

Data subject to change after scrutiny and ongoing verification process

Case summary for Mumbai

As of Sep 26, 2020

— Confirmed cases   — Deaths   — Recovered cases   — Active cases

196459

158749

28568

8747

250000

200000

150000

100000

50000

0

18-Jun 20-Jun 22-Jun 24-Jun 26-Jun 28-Jun 30-Jun 02-Jul 04-Jul 06-Jul 08-Jul 10-Jul 12-Jul 14-Jul 16-Jul 18-Jul 20-Jul 22-Jul 24-Jul 26-Jul 28-Jul 30-Jul 01-Aug 03-Aug 05-Aug 07-Aug 09-Aug 11-Aug 13-Aug 15-Aug 17-Aug 19-Aug 21-Aug 23-Aug 25-Aug 27-Aug 29-Aug 31-Aug 02-Sep 04-Sep 06-Sep 08-Sep 10-Sep 12-Sep 14-Sep 16-Sep 18-Sep 20-Sep 22-Sep 24-Sep 26-Sep

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

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 26, 2020

1,96,459

Positive patients

11,58,102
(39%)

29,39,270

17,81,168
(61%)
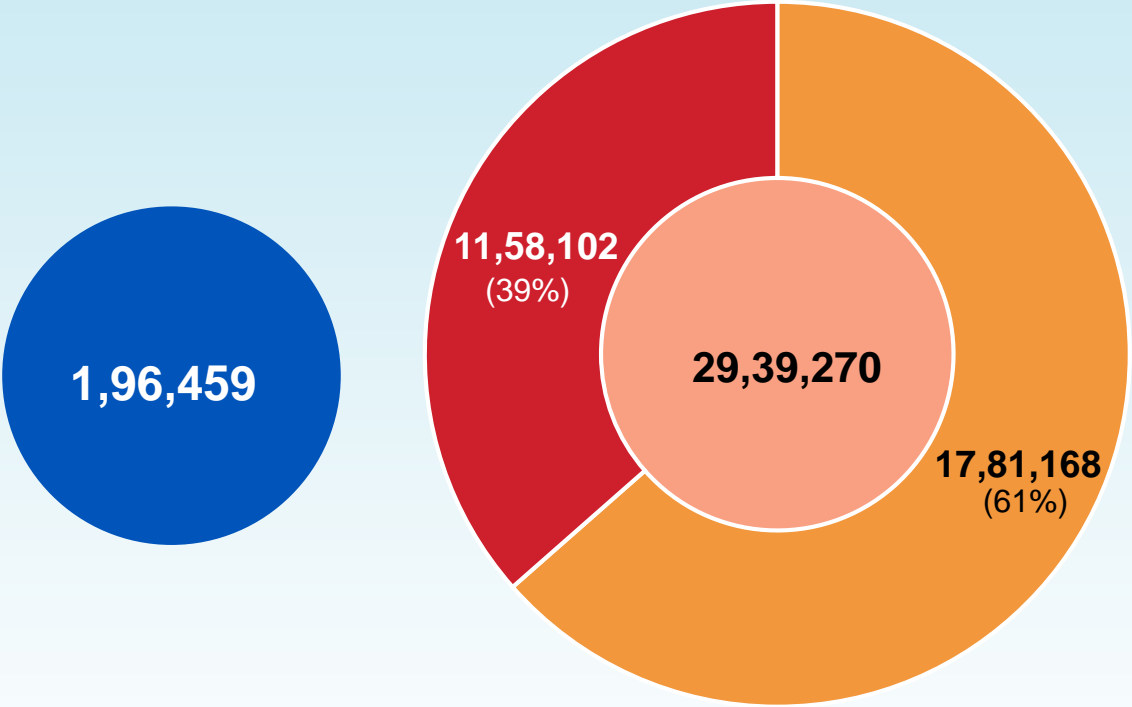
Contacts traced

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

25,11,711
Completed quarantine

4,25,599
In home quarantine,

1,960
Currently at institutional quarantine facilities

1,54,724
Shifted to institutional quarantine facilities till date

Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 26, 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 26, 2020

19,925

Contacts traced

11,952
(59%)

High risk contacts

7,973
(41%)

Low risk contacts

Data subject to change after scrutiny and ongoing verification process

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

As of Sep 25, 2020[1]

— Positive cases from slums (Not being high risk contacts of earlier cases)[1]
Total – 8,764*

— No of high risk contacts sent to institutional facilities
Total – 1,16,751*

■ No of high risk contacts **per positive cases** in (1) sent to institutional facilities
Total Ratio - 13
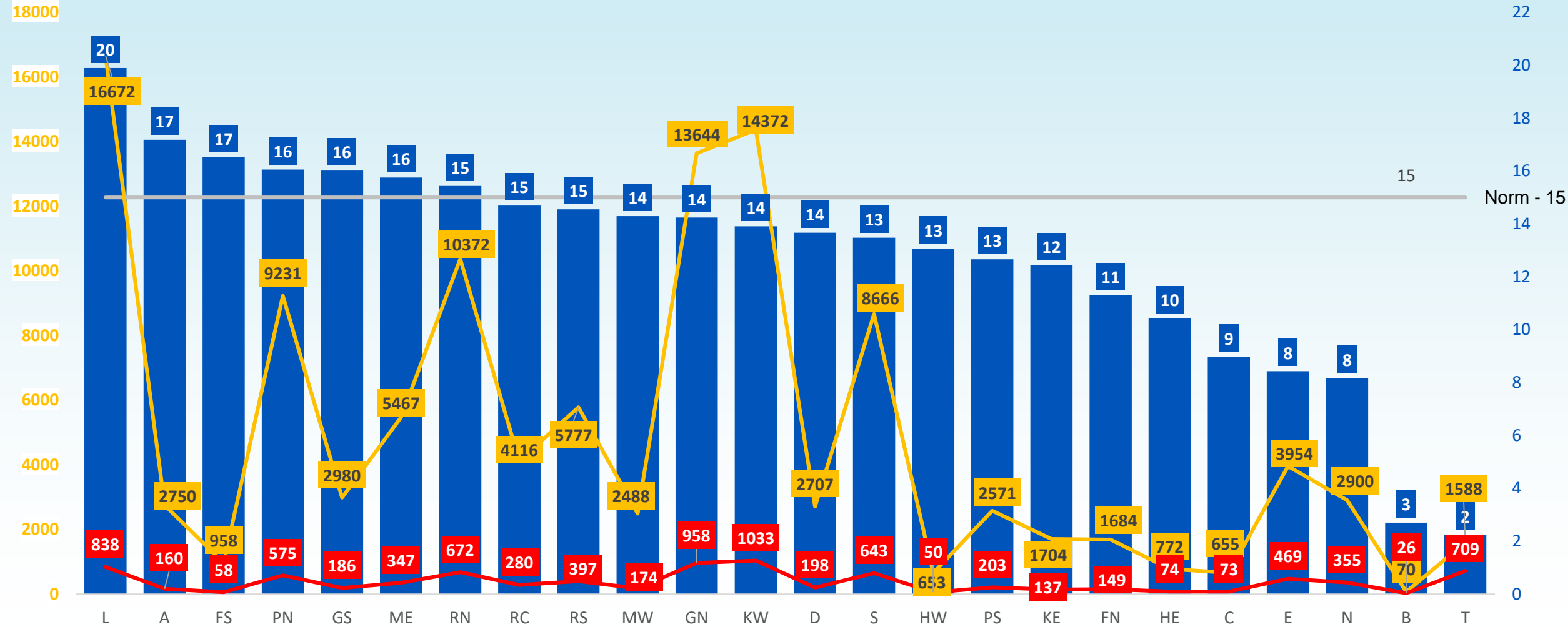
* Data for Ward RC is updated as of Sep 23 and Ward RN is updated as of Sep 22
1 Data since June 03, 2020; Source – Operation – Chase the virus

Data subject to change after scrutiny and ongoing verification process

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

Ward-wise data as of Sep 26, 2020

— High Risk individuals quarantined   ■ High risk contacts traced per positive case

Source: BMC Contact Tracing Report

Data subject to change after scrutiny and ongoing verification process
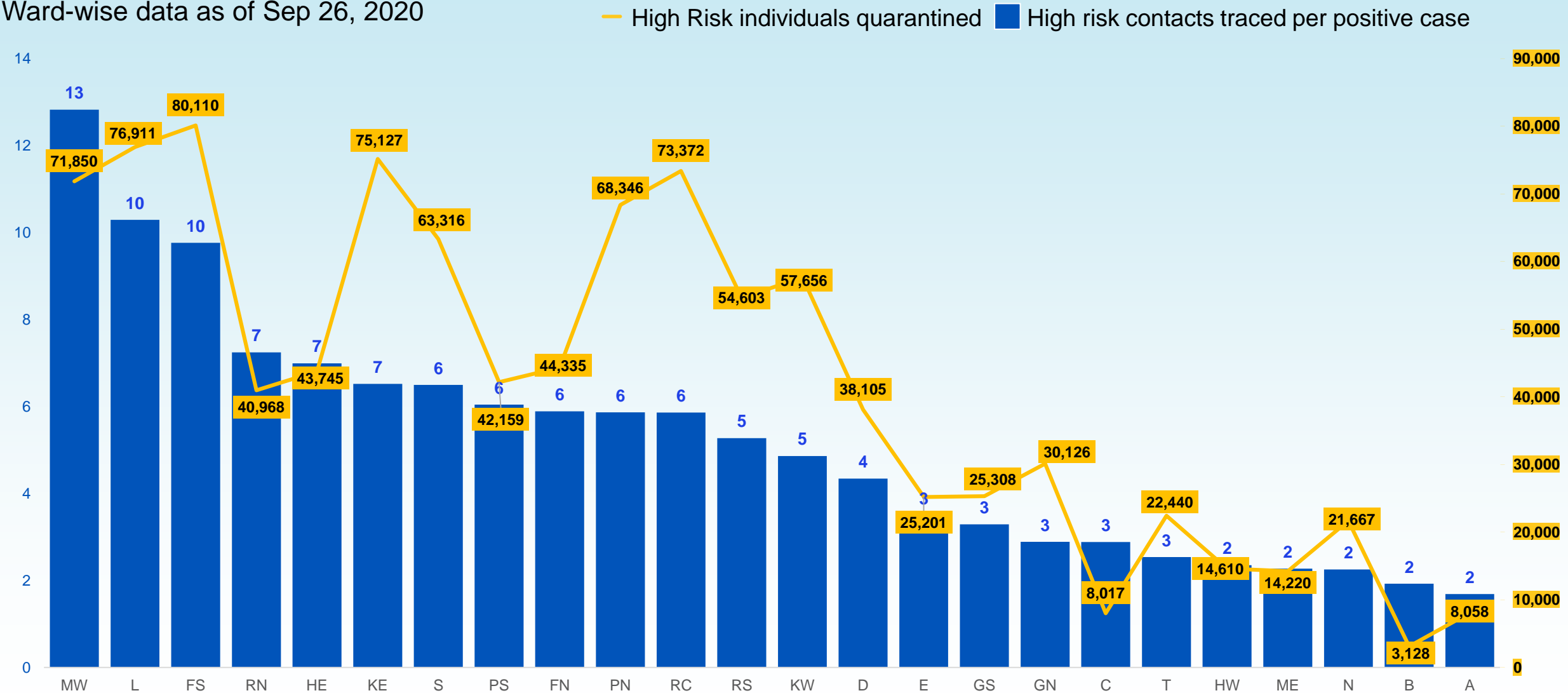
Ward-wise containment zones – slums and chawls

As of Sep 26, 2020

Map legend:
- > 100 CZs
- 80-99 CZs
- 60 - 79 CZs
- 40 - 59 CZs
- 20 - 39 CZs
- < 20 CZs

Bar chart:

Ward	Count
RN	75
KE	70
S	64
ME	53
T	41
KW	41
L	34
FS	32
N	30
PN	29
RS	27
PS	24
HE	24
A	23
D	17
FN	15
E	15
C	14
RC	10
MW	9
HW	9
GN	8
B	8
GS	4
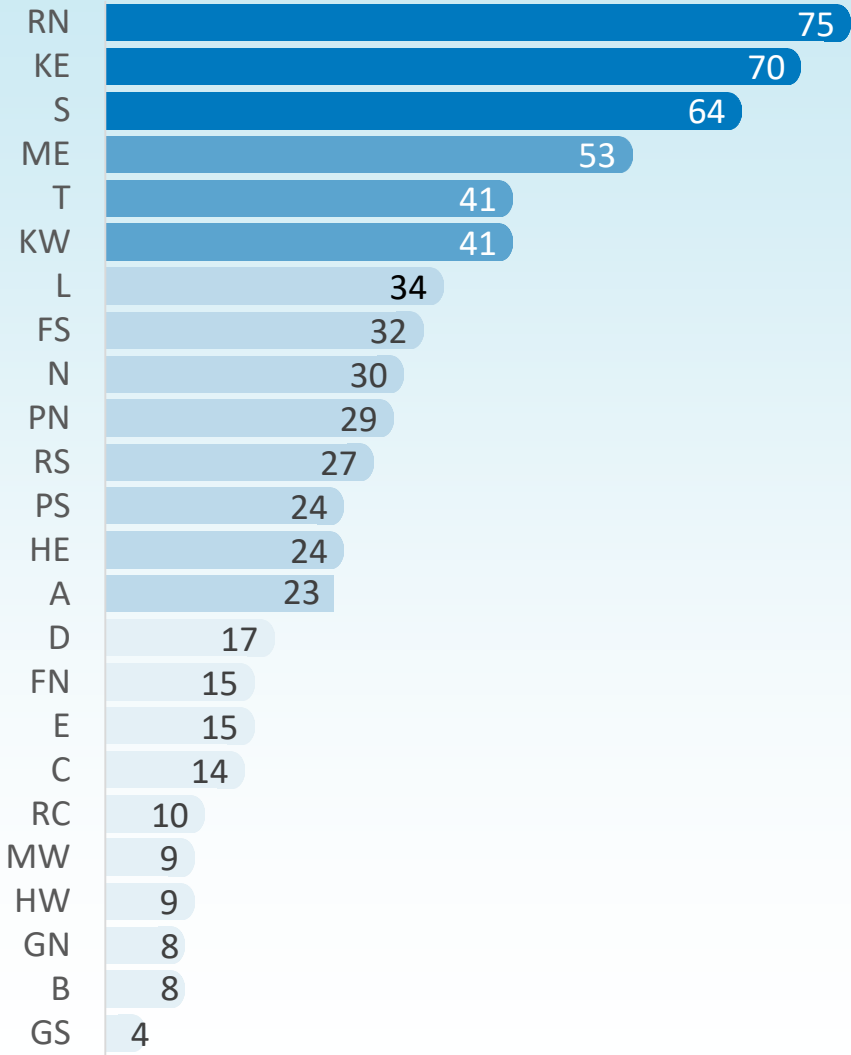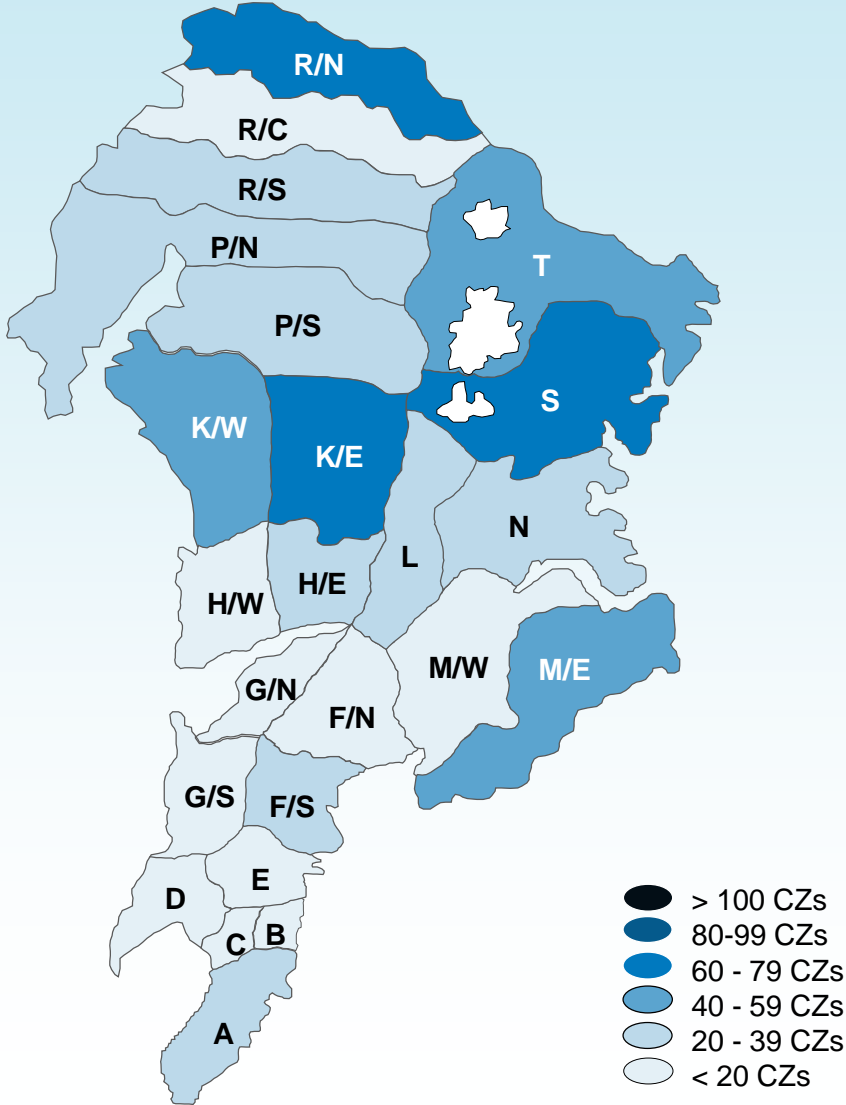
676 *Active*
Containment Zones

7.5 *lacs*
No. of Households

32.2 *lacs*
Population

1,102 *Released*
Containment Zones

16

Data subject to change after scrutiny and ongoing verification process

Ward-wise sealed buildings

As of Sep 26, 2020

Ward	Sealed Buildings
RC	1804
RS	846
KW	815
PN	760
T	605
KE	517
HW	515
N	512
RN	496
GN	456
FN	438
PS	410
HE	331
D	330
GS	265
FS	235
MW	168
S	140
A	140
L	130
C	115
B	113
ME	109
E	39

Legend:
- >= 250 SBs
- 200 - 249 SBs
- 151 - 199 SBs
- 100 - 149 SBs
- 50 - 99 SBs
- < 50 SBs
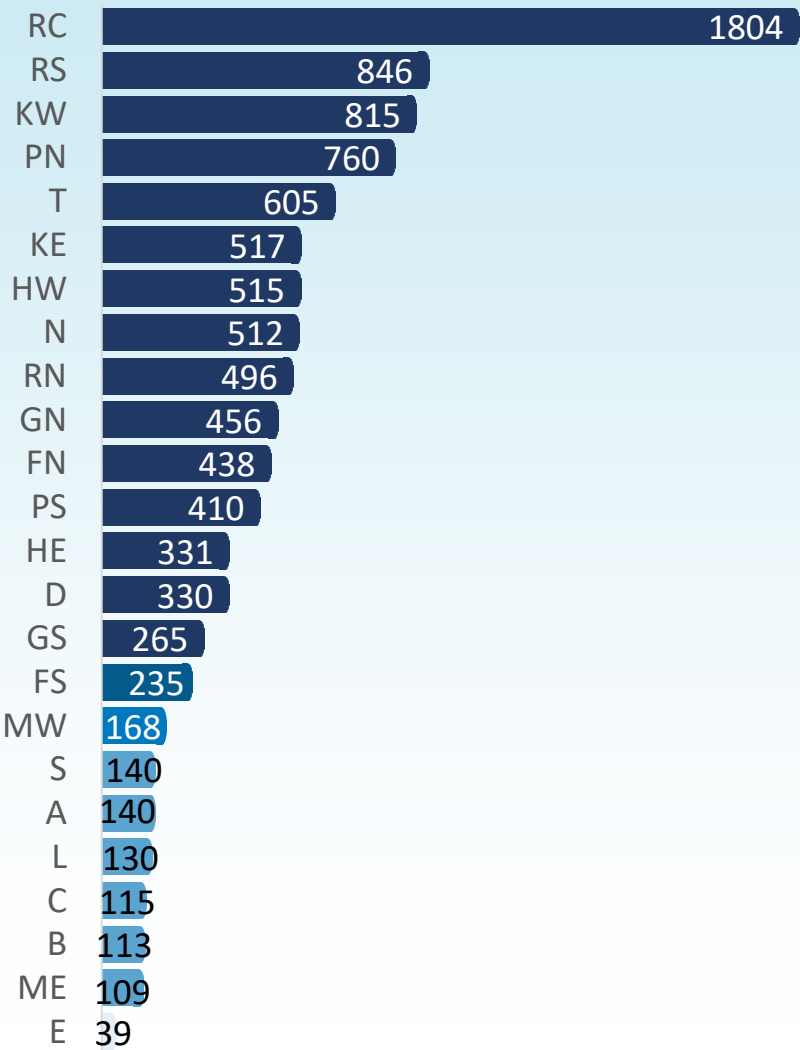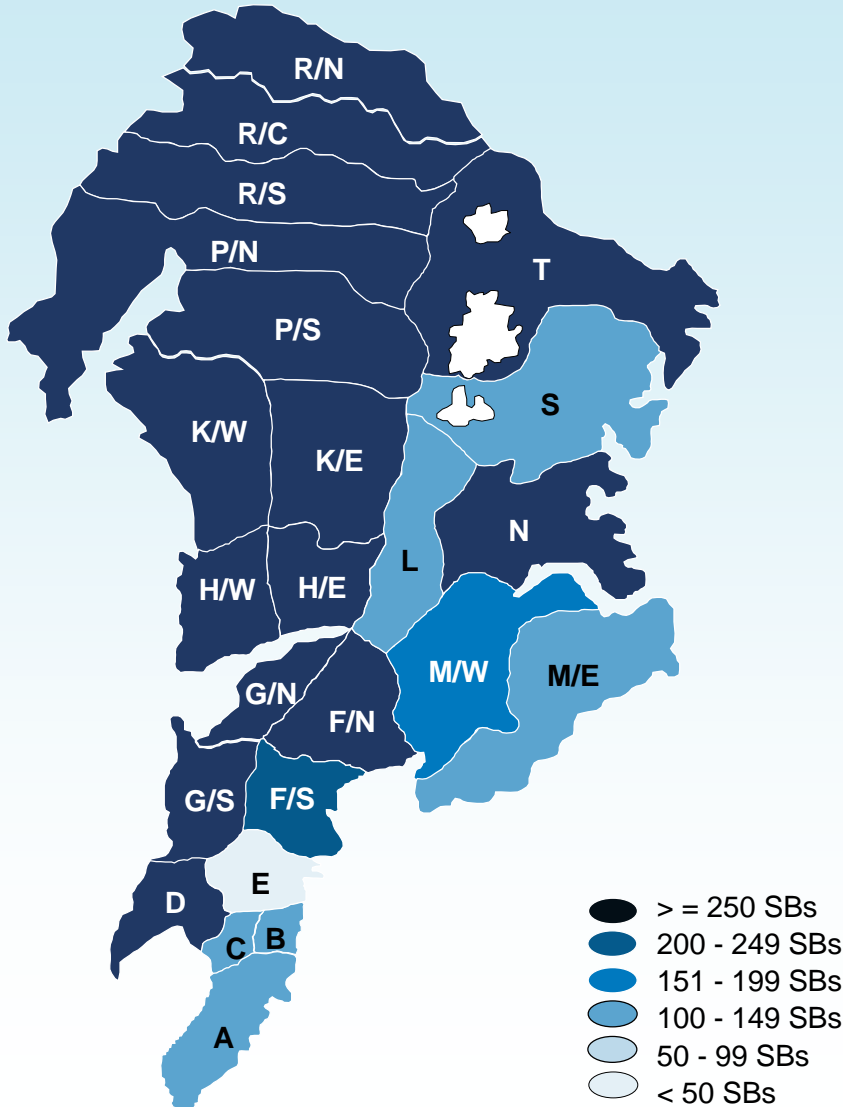
10,289 *Active*
Sealed Buildings

3 *lacs*
No. of Households

11.2 *lacs*
Population

28,976 *Released*
Sealed Buildings

17

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

Case summary for Mumbai

As of Sep 26, 2020

		% of Total	% of Active
Total	**1,96,459 (28,568 Active Cases*)**		
Stable - Asymptomatic [1]	19556	10%	68%
Stable - Symptomatic	7492	4%	27%
Critical	1520	1%	5%
Discharged	158749	81%	
Death	8747	4%	
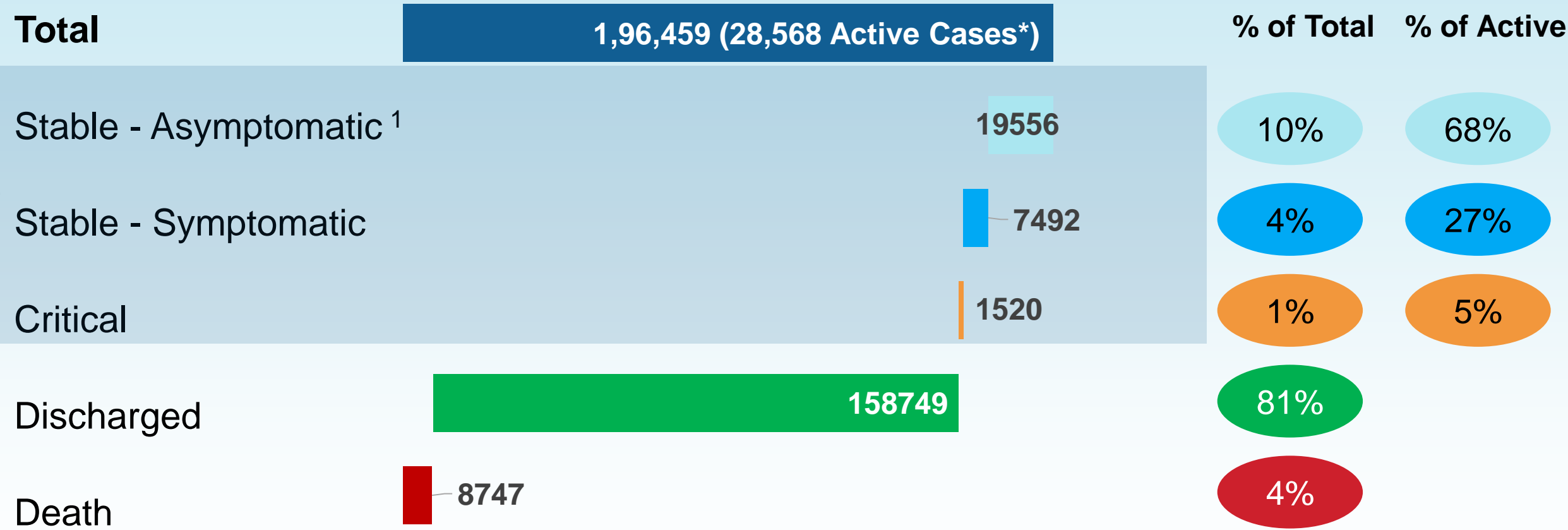
Active Cases

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 (7,787 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 26, 2020[1]

Female Male Others

Deaths

| Total Positives 1,96,459[2] | Total Deaths 8,747[2] | Fatality Rate 4.45% |

| 14 | 28 | 116 | 311 | 906 | 2,045 | 2,493 | 1,886 | 847 | 101 |

| 3465 | 7002 | 26884 | 34684 | 34749 | 37569 | 26442 | 13743 | 4536 | 514 |

Age	Female %	Male %
0-9	44%	56%
10-19	45%	55%
20-29	44%	56%
30-39	36%	64%
40-49	34%	66%
50-59	37%	63%
60-69	39%	61%
70-79	42%	58%
80-89	41%	59%
Above 90	46%	54%
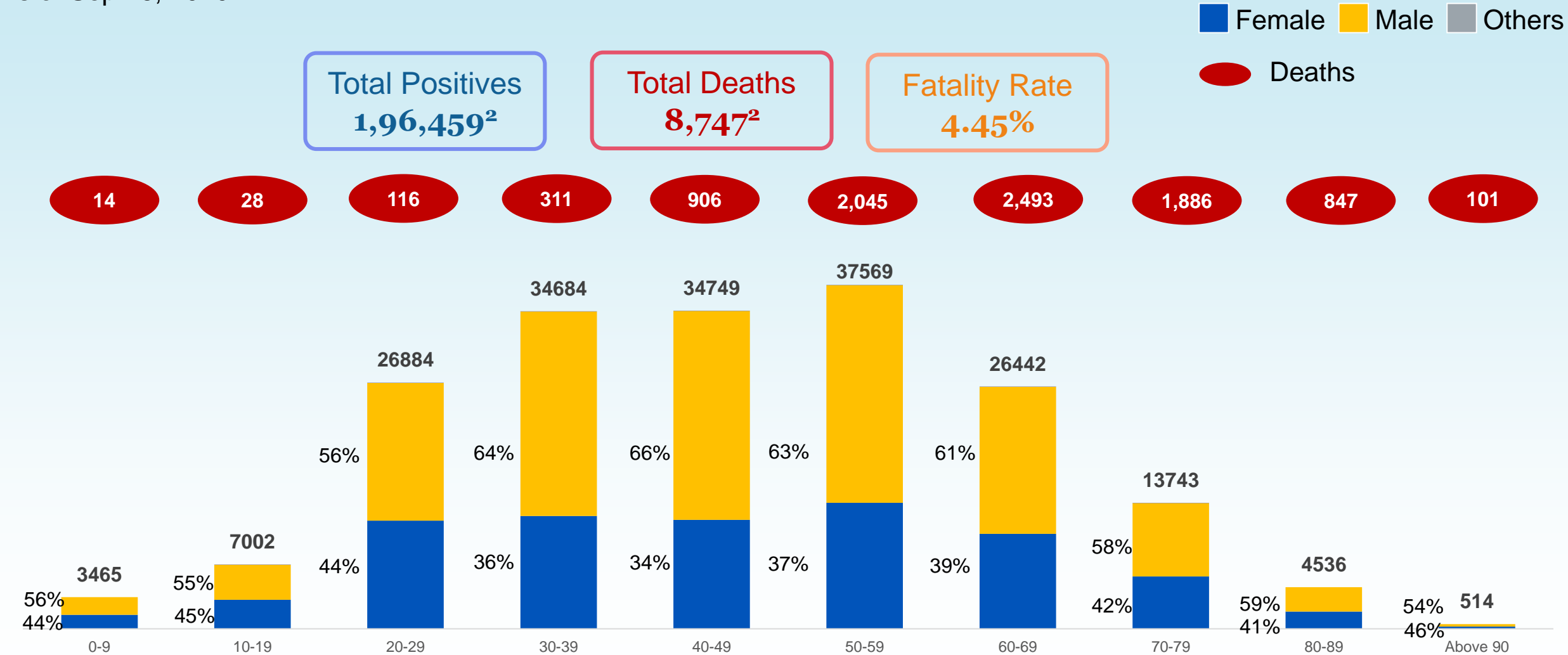
Source: Covid-19 daily update by the DEHO, EPID Cell
1 Total Age and sex-wise break up is available 1,89,588 cases; age-wise breakup of deaths available for 8,747 cases
2 As on Sep 26

20

Data subject to change after scrutiny and ongoing verification process

Ward-wise breakdown of positive cases

As of Sep 26, 2020

Legend:
- >=9001 cases
- 7501 – 9000 cases
- 6001 – 7500 cases
- 0 – 6000 cases

- Discharged[2]
- Deaths[3]
- Active

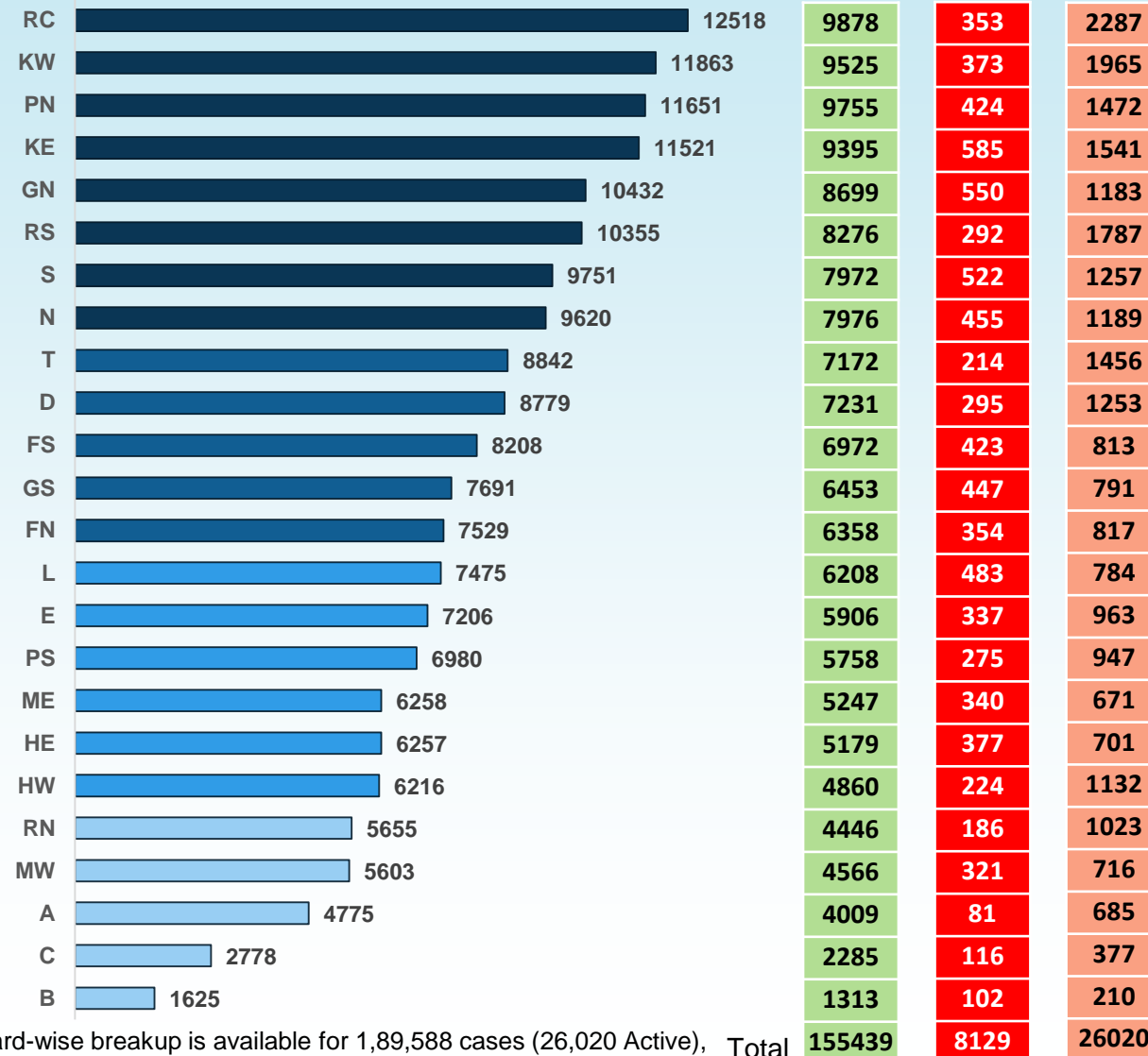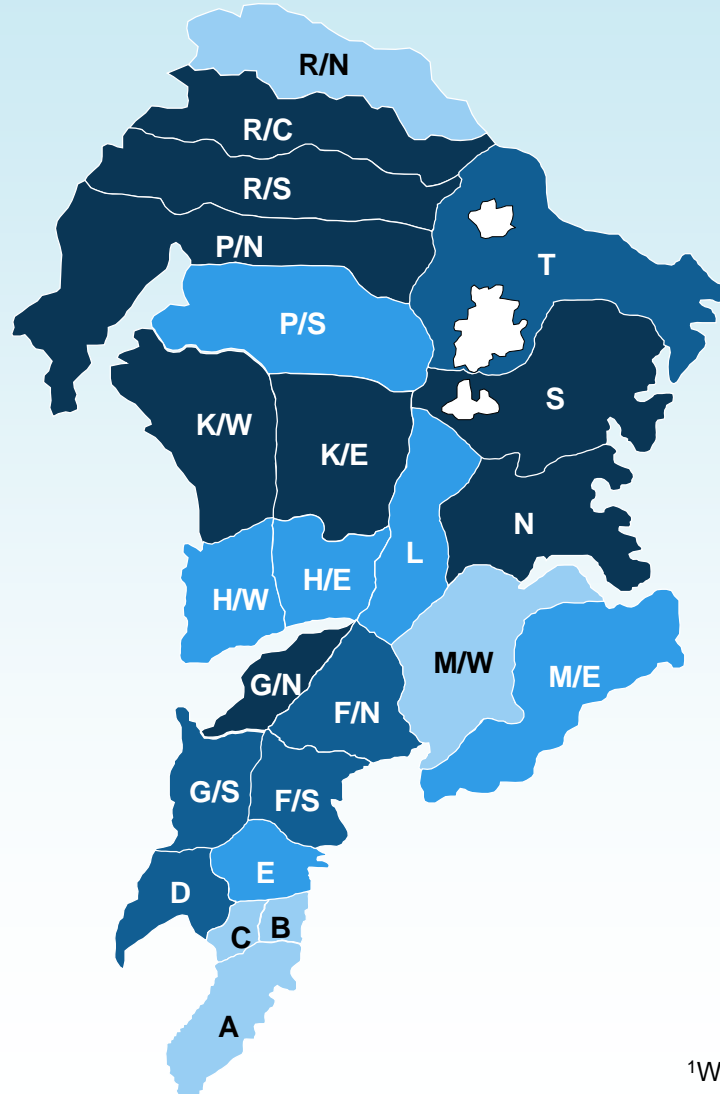| Ward	Positive	Discharged[2]	Deaths[3]	Active
RC	12518	9878	353	2287
KW	11863	9525	373	1965
PN	11651	9755	424	1472
KE	11521	9395	585	1541
GN	10432	8699	550	1183
RS	10355	8276	292	1787
S	9751	7972	522	1257
N	9620	7976	455	1189
T	8842	7172	214	1456
D	8779	7231	295	1253
FS	8208	6972	423	813
GS	7691	6453	447	791
FN	7529	6358	354	817
L	7475	6208	483	784
E	7206	5906	337	963
PS	6980	5758	275	947
ME	6258	5247	340	671
HE	6257	5179	377	701
HW	6216	4860	224	1132
RN	5655	4446	186	1023
MW	5603	4566	321	716
A	4775	4009	81	685
C	2778	2285	116	377
B	1625	1313	102	210
Total		155439	8129	26020

Total Positives 1,96,459[1]

Total Active 26,020[1]

Active = Positive – Discharges – Death

[1]Ward-wise breakup is available for 1,89,588 cases (26,020 Active),

[2]Discharges as on Sep 26, Available for 1,55,439 cases,

[3]Deaths as on Sep 26, Available for 8,129 cases

Ward wise reconciliation for Discharged, Deaths and Active is on going
Data subject to change after scrutiny and ongoing verification process

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

Ward-wise growth rate of new cases

Average of growth rate for the last 7 days till Sep 26, 2020

Ward	Growth rate
RC	1.52%
HW	1.52%
KW	1.36%
RS	1.23%
D	1.21%
RN	1.18%
PS	1.17%
PN	1.10%
T	1.10%
FN	1.07%
KE	1.04%
C	1.03%
MW	1.01%
HE	0.97%
E	0.95%
A	0.92%
S	0.85%
N	0.84%
B	0.84%
ME	0.83%
L	0.83%
GS	0.78%
GN	0.77%
FS	0.70%

Overall Mumbai Average – 1.05%

Legend:
- 🟡 1.5%+
- 🔵 <1.5%

22
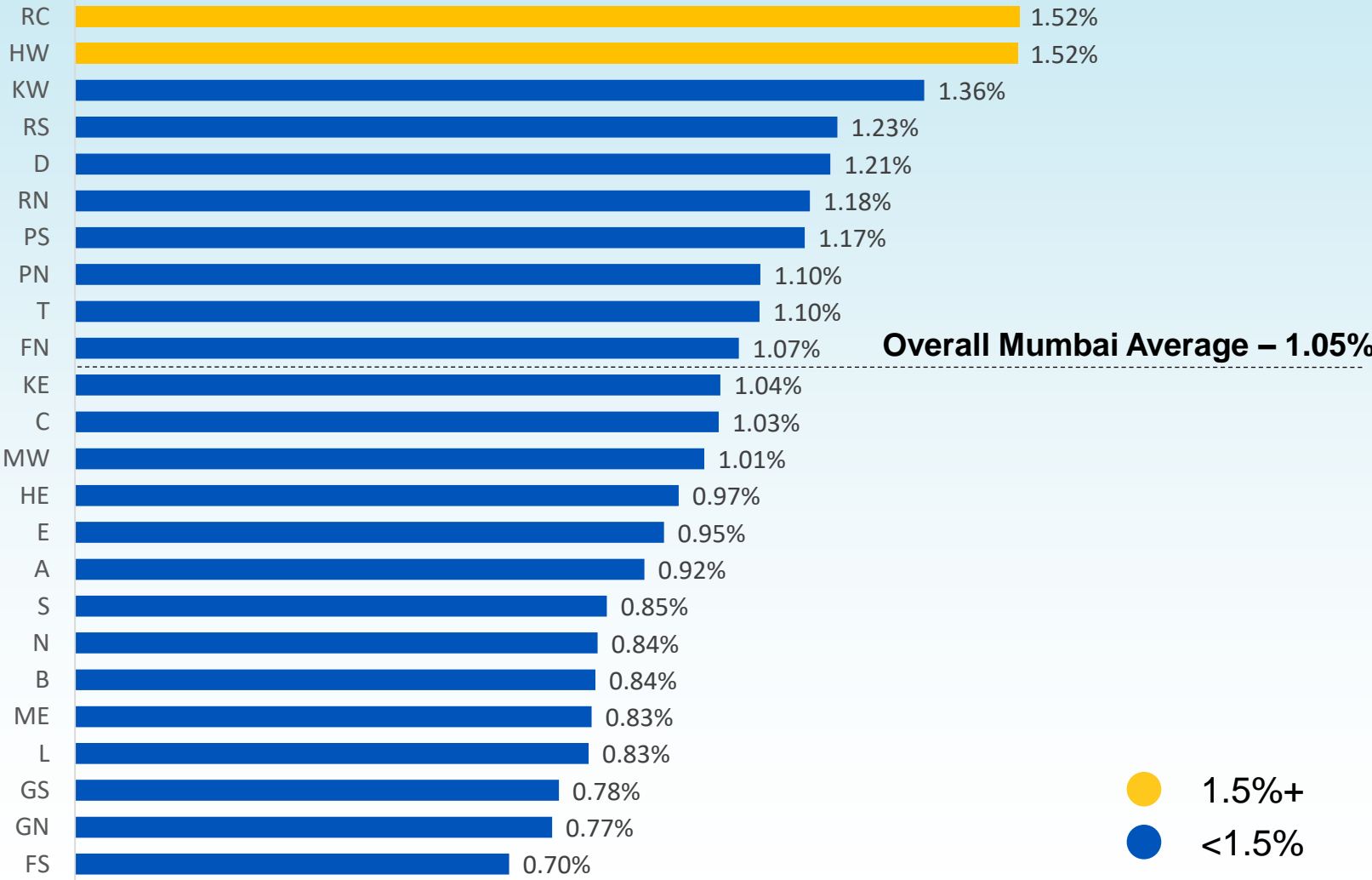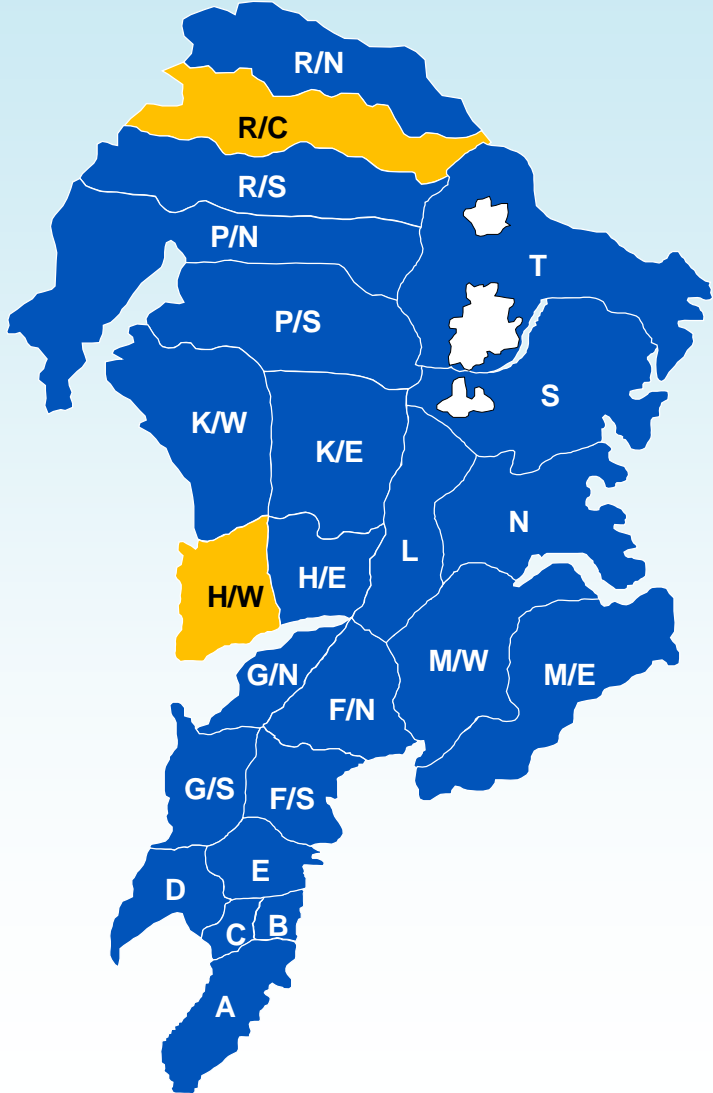
Ward-wise new cases

Positive cases for the last 7 days till Sep 26, 2020[1]

Date of report	HW	RC	KW	D	RS	PS	RN	PN	T	FN	C	KE	MW	HE	E	A	S	B	N	L	ME	GS	GN	FS	Grand Total
Area>>>	Bandra	Borivali	Andheri W	Grant Road	Kandivali	Goregaon	Dahisar	Malad	Mulund	Matunga	Marine Lines	Andheri E	Chembur W	Khar	Byculla	Colaba	Bhandup	Sandhurst Road	Ghatkopar	Kurla	Chembur E	Elphinstone	Dadar	Parel	
As on 19th Sep	5595	11265	10789	8068	9509	6433	5209	10791	8190	6990	2585	10718	5222	5848	6746	4480	9187	1533	9073	7057	5906	7285	9889	7818	176186
20-Sep	116	185	150	106	129	59	81	131	97	78	36	120	61	75	63	55	98	21	91	79	50	69	76	61	2087
21-Sep	81	130	145	75	108	77	38	132	77	72	21	102	55	54	70	24	105	9	80	56	54	52	64	52	1733
22-Sep	72	144	127	95	70	64	36	99	73	40	25	104	36	45	68	34	66	14	55	48	41	47	64	40	1507
23-Sep	112	230	180	112	134	104	77	124	98	97	34	134	59	70	69	44	80	18	98	64	45	66	107	66	2222
24-Sep	75	202	148	109	144	87	82	126	111	79	21	121	80	52	61	32	49	13	82	72	67	49	102	51	2015
25-Sep	72	185	167	79	129	79	60	95	93	71	13	106	30	57	54	51	83	5	81	39	41	51	50	50	1741
26-Sep	93	177	157	135	132	77	72	153	103	102	43	116	60	56	75	55	83	12	60	60	54	72	80	70	2097
As on 26th Sep	6216	12518	11863	8779	10355	6980	5655	11651	8842	7529	2778	11521	5603	6257	7206	4775	9751	1625	9620	7475	6258	7691	10432	8208	189588
Days to double	46	46	51	57	57	59	59	63	63	65	67	67	69	72	74	76	81	83	83	84	84	89	91	100	66

Wards <= 55 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 26, 2020. This line list reflects updates to the cases for prior dates as well. Source: Covid-19 daily update by the DEHO, EPID Cell

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

Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 26, 2020

	Legend	
—	No. of CCC1 Facilities identified for High/Low Risk Contacts	**335**
■ (blue)	Number of High/Low Risk Contacts shifted to CCC1 Facilities:	**1960**
■ (yellow)	Available capacity	**44717**
	Total Capacity	**46677**
	Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	**154724**
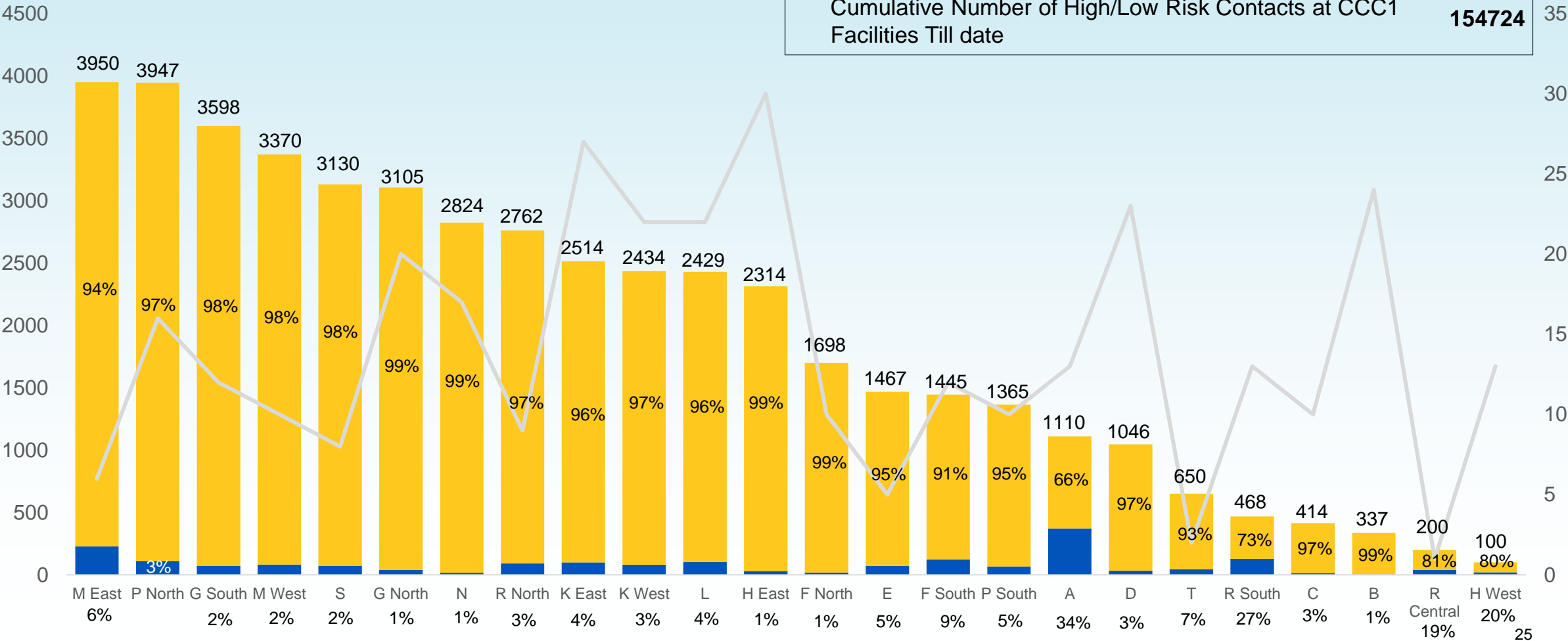
Bar chart data (Ward, value, percentage, bottom percentage):
- M East: 3950, 94%, 6%
- P North: 3947, 97%, 3%
- G South: 3598, 98%, 2%
- M West: 3370, 98%, 2%
- S: 3130, 98%, 2%
- G North: 3105, 99%, 1%
- N: 2824, 99%, 1%
- R North: 2762, 97%, 3%
- K East: 2514, 96%, 4%
- K West: 2434, 97%, 3%
- L: 2429, 96%, 4%
- H East: 2314, 99%, 1%
- F North: 1698, 99%, 1%
- E: 1467, 95%, 5%
- F South: 1445, 91%, 9%
- P South: 1365, 95%, 5%
- A: 1110, 66%, 34%
- D: 1046, 97%, 3%
- T: 650, 93%, 7%
- R South: 468, 73%, 27%
- C: 414, 97%, 3%
- B: 337, 99%, 1%
- R Central: 200, 81%, 19%
- H West: 100, 80%, 20%

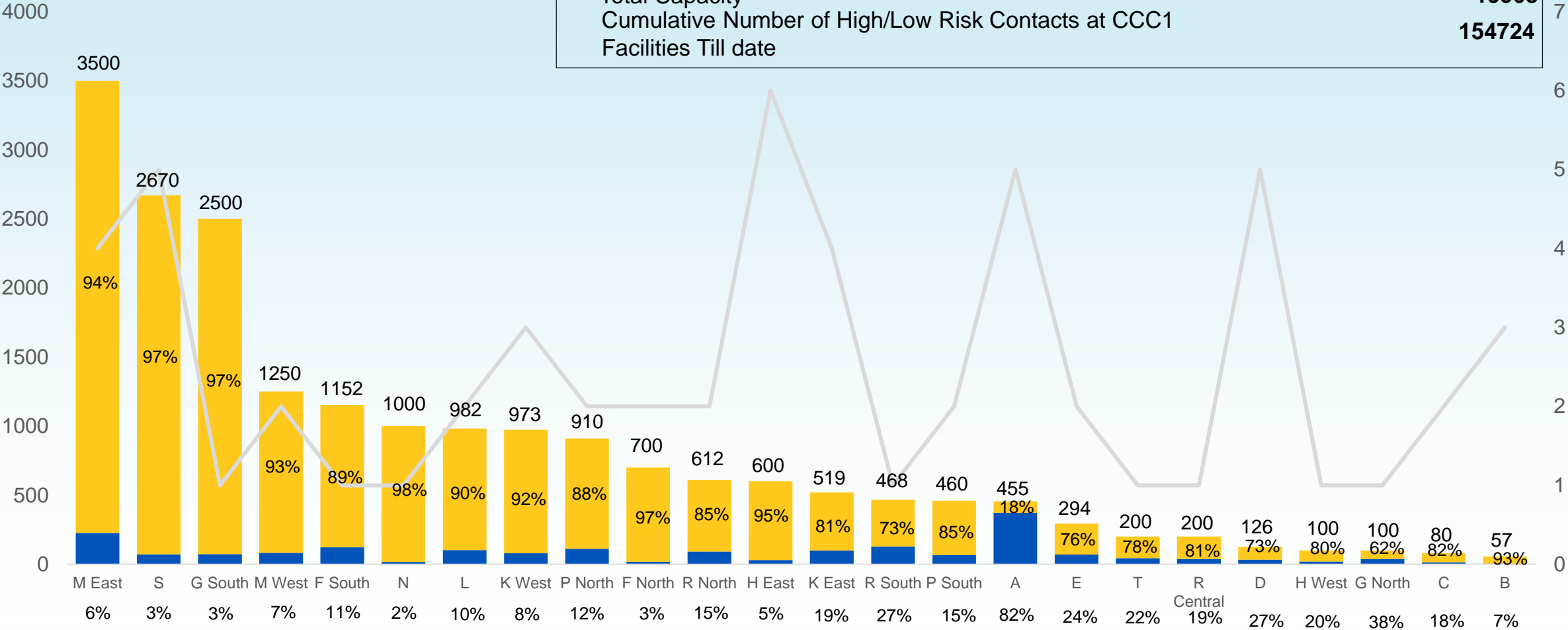Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators

Data subject to change after scrutiny and ongoing verification process

25

Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 26, 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:		**1960**
▉ Available capacity		**17948**
Total Capacity		**19908**
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date		**154724**

Ward	Capacity	%	Contact %
M East	3500	94%	6%
S	2670	97%	3%
G South	2500	97%	3%
M West	1250	93%	7%
F South	1152	89%	11%
N	1000	98%	2%
L	982	90%	10%
K West	973	92%	8%
P North	910	88%	12%
F North	700	97%	3%
R North	612	85%	15%
H East	600	95%	5%
K East	519	81%	19%
R South	468	73%	27%
P South	460	85%	15%
A	455	18%	82%
E	294	76%	24%
T	200	78%	22%
R Central	200	81%	19%
D	126	73%	27%
H West	100	80%	20%
G North	100	62%	38%
C	80	82%	18%
B	57	93%	7%

Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 26, 2020

— No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	**181**	
■ Number of positive asymptomatic patients shifted to CCC2 Facilities	**1522**	
■ Available capacity	**22203**	
Total Capacity	**23725**	
Cumulative Positive asymptomatic patients at CCC2 Facilities till date	**47471**	

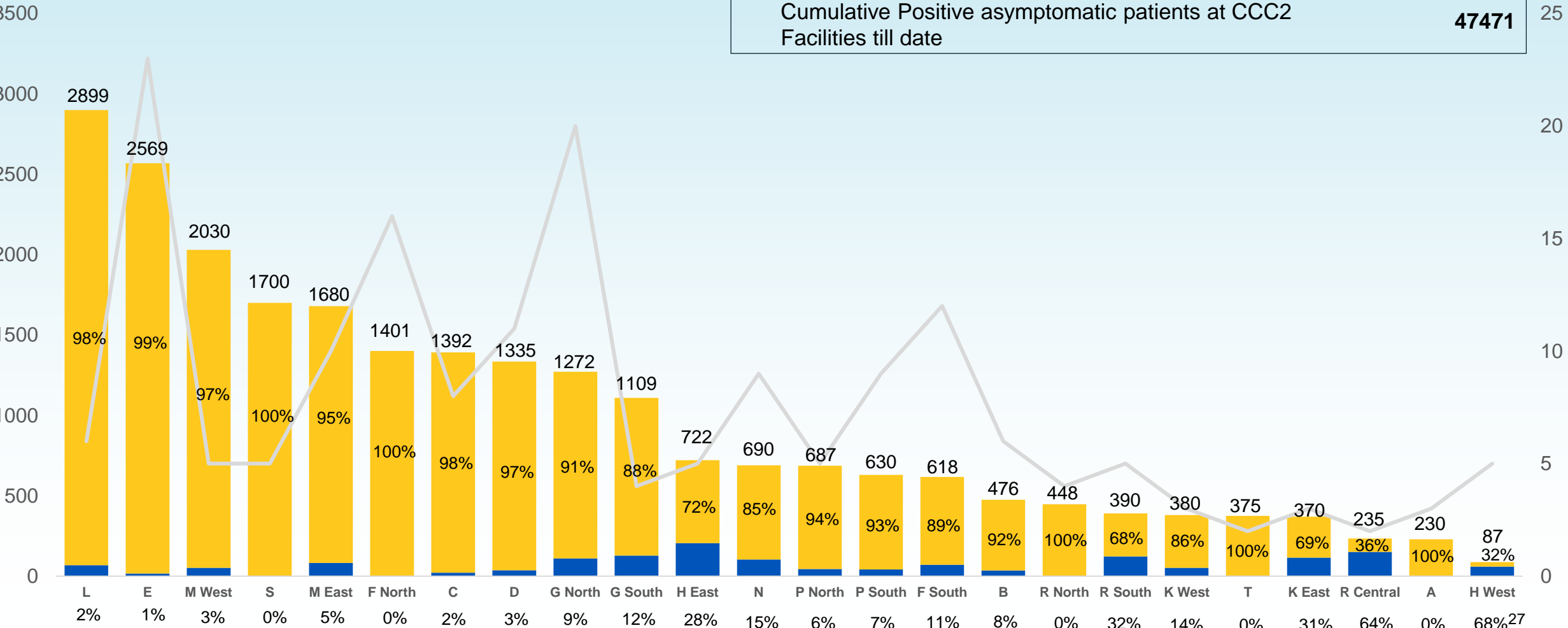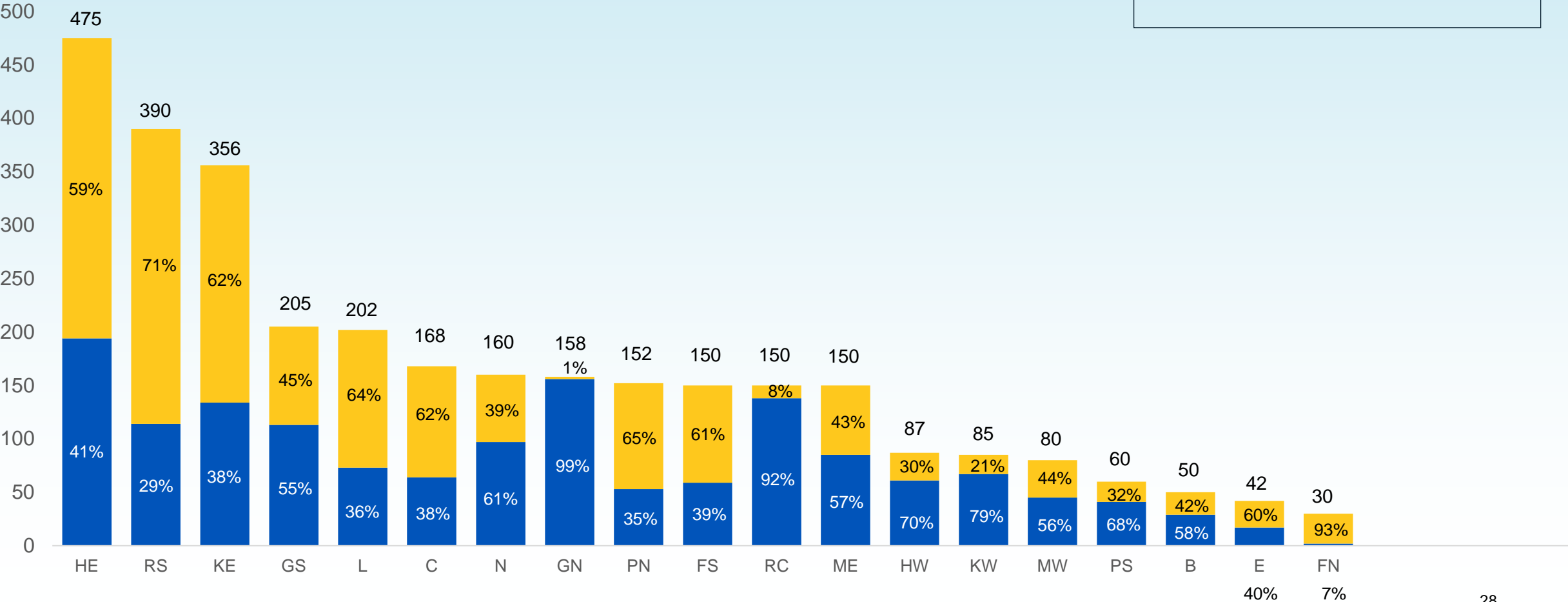Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators

Data subject to change after scrutiny and ongoing verification process

27

Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 26, 2020

Legend	Value
■ Beds occupied	**1542**
■ Available capacity	**1608**
Total capacity	**3150**
Cumulative patients till date	**39787**

Ward	Total	Available %	Occupied %
HE	475	59%	41%
RS	390	71%	29%
KE	356	62%	38%
GS	205	45%	55%
L	202	64%	36%
C	168	62%	38%
N	160	39%	61%
GN	158	1%	99%
PN	152	65%	35%
FS	150	61%	39%
RC	150	8%	92%
ME	150	43%	57%
HW	87	30%	70%
KW	85	21%	79%
MW	80	44%	56%
PS	60	32%	68%
B	50	42%	58%
E	42	60%	40%
FN	30	93%	7%

Source: "CCC2 line list"

Data subject to change after scrutiny and ongoing verification process

28

Summary of total bed capacity

As of Sep 26, 2020

■ On bed patients ■ Available capacity

CCC-2
3,150
1608 (51%)
1542 (49%)

DCHC
5,462
1932 (36%)
3530 (64%)

DCH
9,397
3218 (35%)
6179 (65%)

Total
18,009
6758 (38%)
11251 (62%)
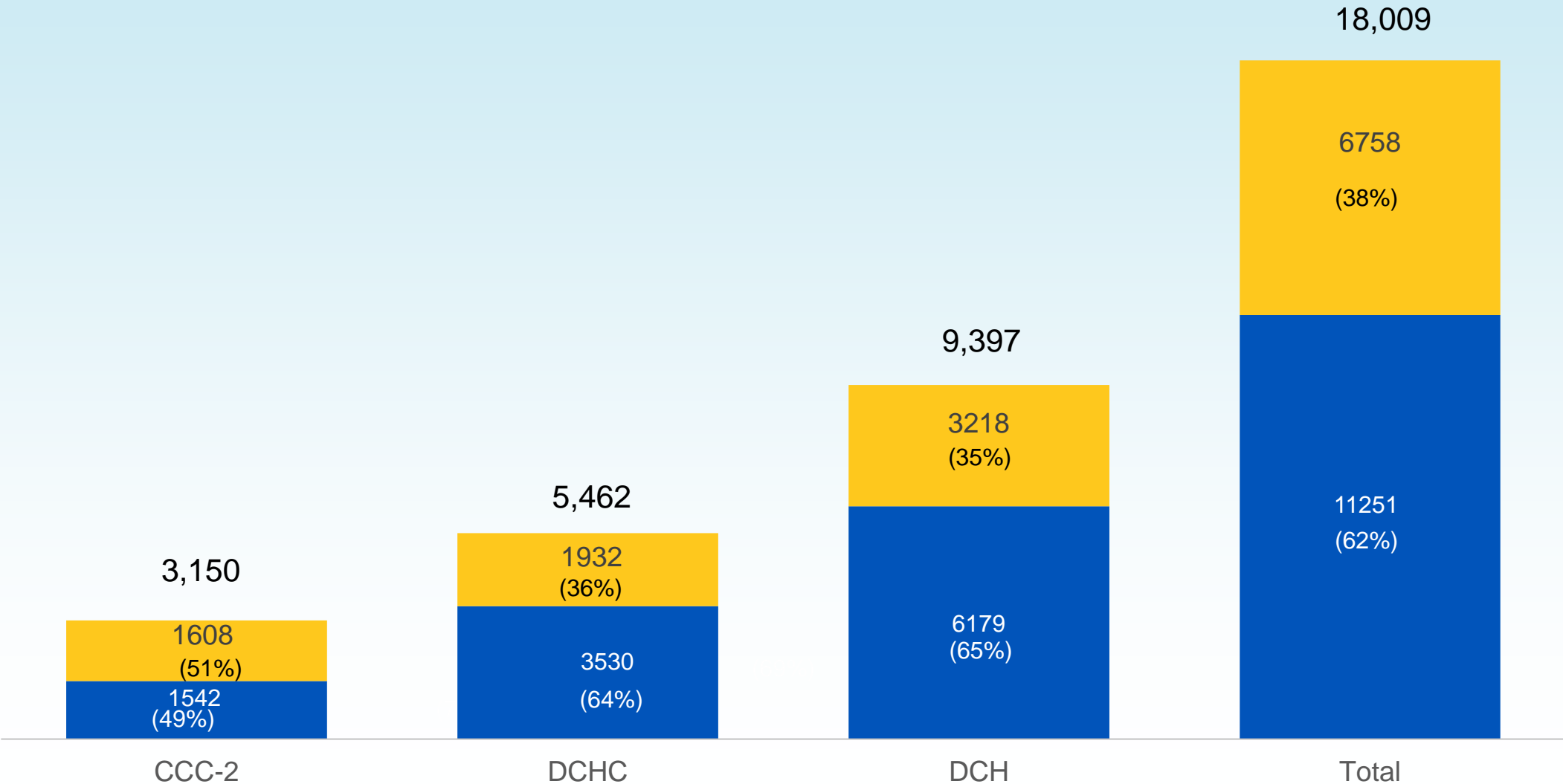
Source: At a glance facilities & DMU dashboard

Data subject to change after scrutiny and ongoing verification process

Covid19 Bed Management

Data as on 01:00 PM, Sep 27, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
Total	**14,859**	**9,709**	**5,150**
ICU Beds	1,917	1,704	213
Regular	1,883	1,683	200
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	12,942	8,005	4,937
Quarantine for Suspect	1,021	634	387
Isolation for Positives	11,495	7,145	4,350
Pregnancy	242	105	137
Others (Cancer + Dialysis)	184	121	63
*O2 Beds**	9,004	5,815	3,189
*Ventilators**	1,128	1,020	108

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 27, 2020 , Subject to change

		COVID Beds				O2 Beds*	Ventilators*
		Total	ICU Beds	Normal Beds			
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	**9,709**	1,704	8,005		5,815	1,020
	Public Hospitals	6,521	881	5,640		3,829	643
	Pvt Hospitals	*3,188*	*823*	2,365		*1,986*	*377*
Vacancy	Total	**5,150**	213	4,937		3,189	108
	Public Hospitals	4,517	130	4,387		2,727	72
	Pvt Hospitals	*633*	*83*	550		*462*	*36*

Source: DMU dashboard;

*O2 Beds and Ventilators are a subset of ICU & Normal Beds

Data subject to change after scrutiny and ongoing verification process
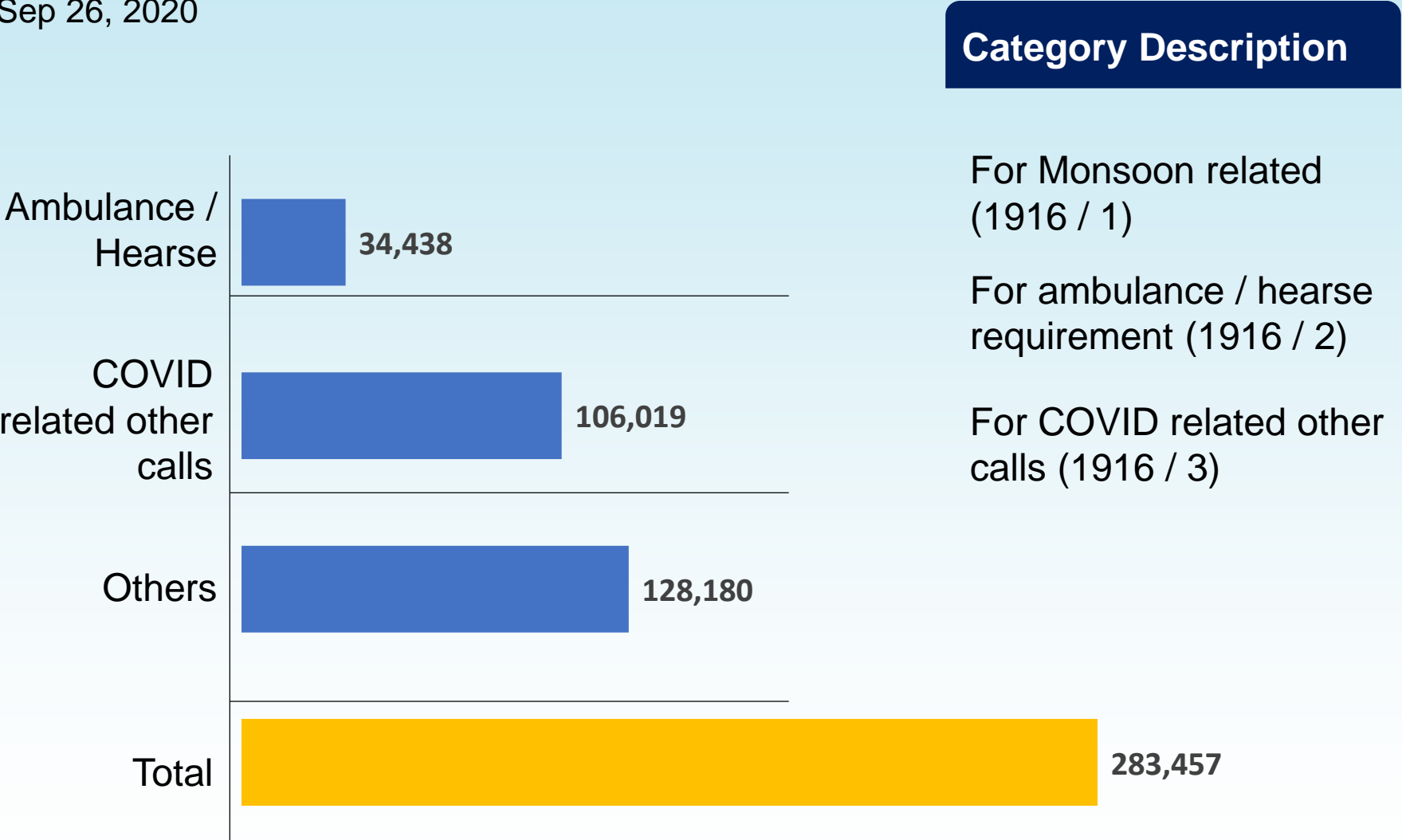
Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Call Center update

For all calls received from April 24 to Sep 26, 2020

Category Description

For Monsoon related (1916 / 1)

For ambulance / hearse requirement (1916 / 2)

For COVID related other calls (1916 / 3)

Category	Value
Ambulance / Hearse	34,438
COVID related other calls	106,019
Others	128,180
Total	283,457

Source: 1916 Helpline call log by the Disaster Management Team

Data subject to change after scrutiny and ongoing verification process

Management of Waste from Quarantined Areas
September 24, 2020

Waste Collected (in Kgs)

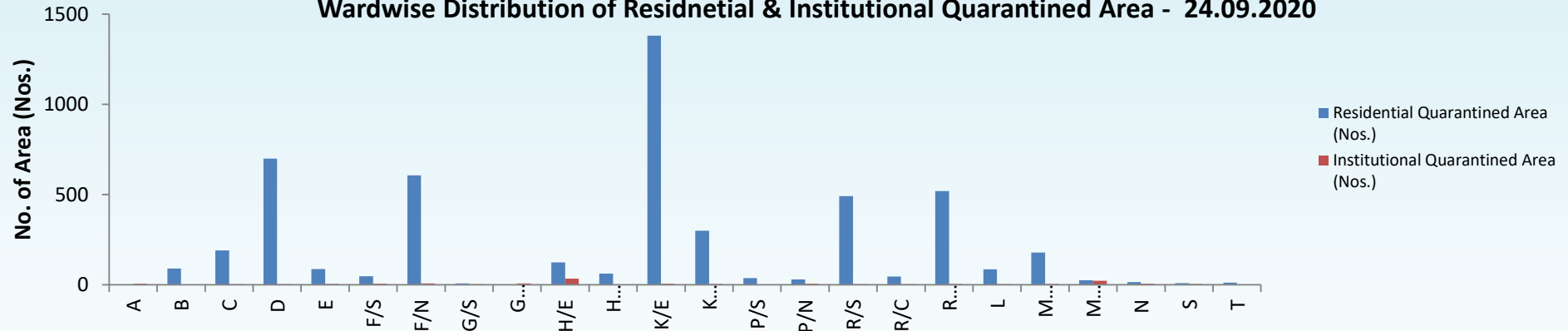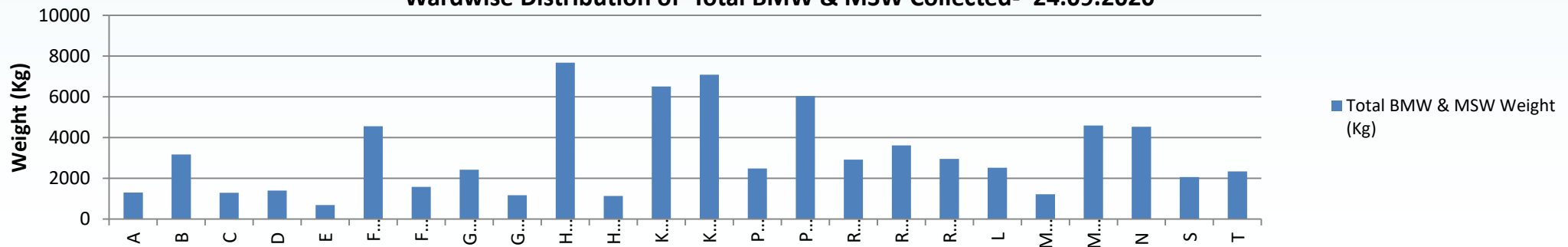| COVID BMW (in Kgs)	MCGM Quarantine BMW (in Kgs)	Total BMW (in Kgs):	Total MSW Collected by MCGM from Quarantined Area (in Kgs):	Total MSW & BMW Collected by MCGM from Quarantined Area(in Kgs):
9,767	**1436**	**11,230.0**	**73,740.0**	**84,934**

Wardwise Distribution of Residnetial & Institutional Quarantined Area - 24.09.2020

- ■ Residential Quarantined Area (Nos.)
- ■ Institutional Quarantined Area (Nos.)

Wardwise Distribution of Total BMW & MSW Collected- 24.09.2020

- ■ Total BMW & MSW Weight (Kg)

34

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

Thank you