

# BMC Covid-19 Response War Room Dashboard

Sep 24, 2020



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# Mumbai COVID19 status at a glance

As of Sep 23, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 02:00 PM, Sep 24, 2020)		CCC1 Facilities			Contact Tracing	Past 24hrs	Cumulative
Total Positive	1,90,138	Bed Capacity (DCHC+DCH+CCC2)	17,698	Facilities (#)	Bed Capacity	Occupancy	Total Traced	26,754	28,65,710
		Occupied	11,319				High Risk	14,749	11,16,210
Discharged	1,54,088	Available	6,379	Total	334	46,589	2,229	Low Risk	17,49,500
Deaths	8,601	DCH & DCHC Bed Capacity	14,748	Active	43	17,757	2,229	Total Quarantine Completed	24,35,930
Deaths with Age > 50yrs – 7,249)		Occupied	9,831	Buffer	16	2,273	-	Currently in Home Quarantine	4,27,551
		Available	4,917	Reserve <sup>#</sup>	275	26,559	-	Others	
Total Active	27,063			CCC2 Facilities					
		ICU Bed Capacity	1,923	Facilities (#)	Bed Capacity	Occupancy		Senior Citizens Screened till date	10,29,057
Stable – Asymptomatic	18,127	Occupied	1,729					Senior Citizens with SPO2 > 95	10,25,871
		Available	194	Total	181	23,725	1,573	Active Containment Zones – Slums & Chawls	694
Stable - Symptomatic	7,580			Active	24	2,978	1,573	Active Sealed Buildings	10,320
Critical	1,356	O2 Bed Capacity	8,893	Buffer	13	2,265	-	Calls Centre Calls Flow	2,79,751
		Occupied	5,741	Reserve <sup>#</sup>	144	18,482	-		
Tests Done (till date)	10,45,706	Available	3,152	# Facilities that have been deactivated and can be used as per need					
% of Positive (till date)	18.18	Ventilator Bed Capacity	1,134						
		Occupied	1,034						
		Available	100						
Ward wise positive cases									

## Ward wise positive cases

Wards	HW	RC	KW	RN	C	D	RS	FN	PS	MW	PN	T	A	KE	S	E	HE	N	B	ME	GS	GN	L	FS	Overall
Positive Cases	5976	11954	11391	5441	2701	8456	9950	7277	6737	5433	11277	8535	4637	11178	9536	7016	6092	9397	1595	6096	7519	10200	7304	8037	Mumbai
Days to double	41	45	50	51	52	55	55	59	59	61	62	62	65	65	67	68	68	68	69	76	78	80	82	84	61

1 Ward-wise break up is as on Sep 23, 2020, available for 1,83,735 cases

Data subject to change after scrutiny and ongoing verification process



## Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

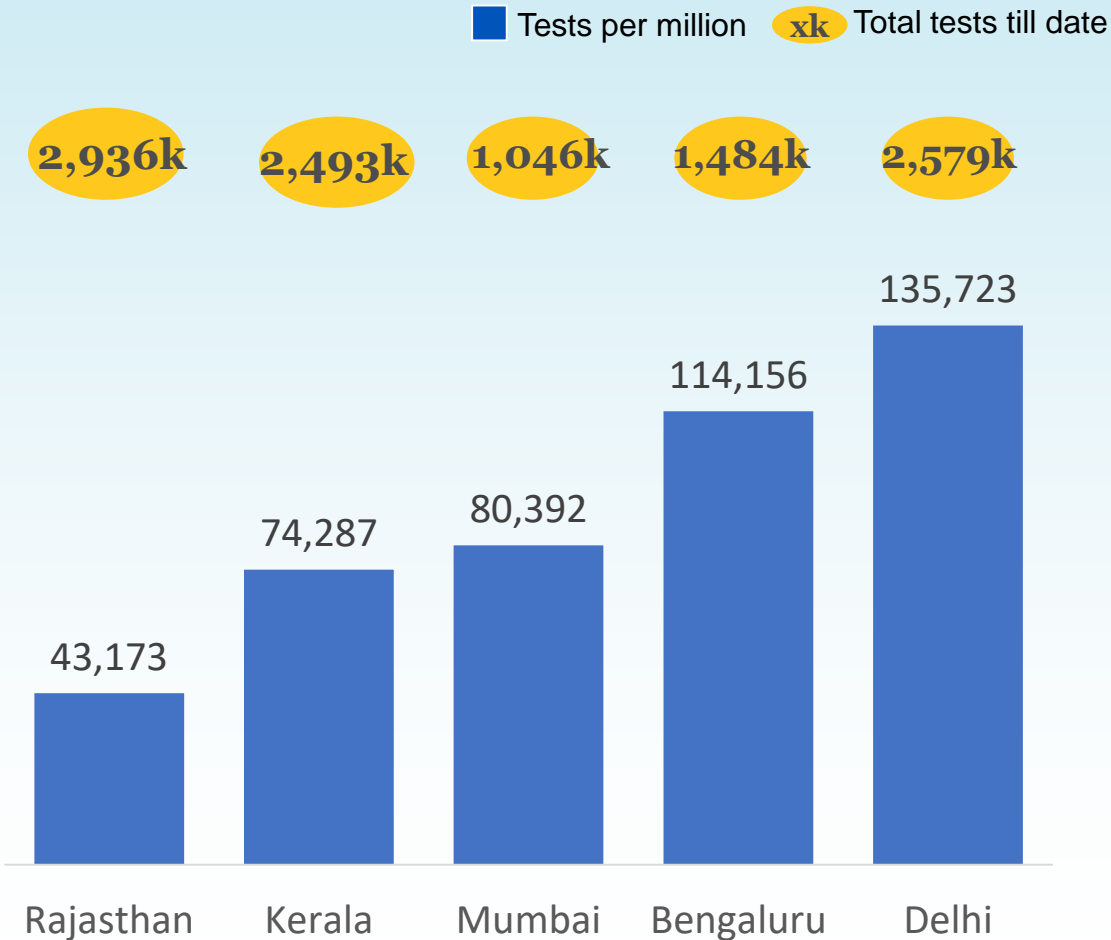
Bed Capacity

Other initiatives

# Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Sep 23, 2020

## Tests per million



Source: Government COVID bulletins as of Sep 23 2020  
 \* Data as on Sep 21 2020

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

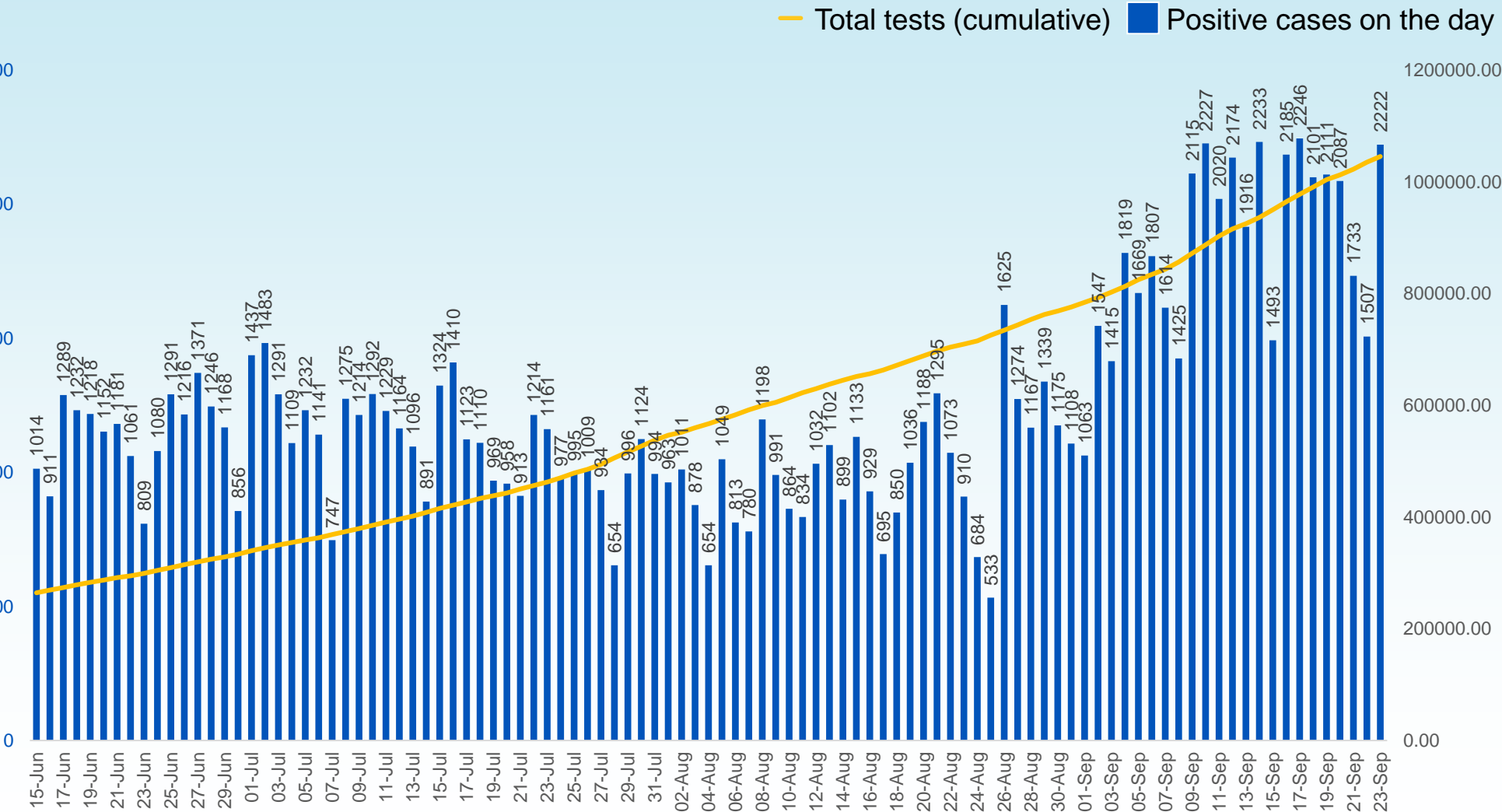
State	Cases	Tests	Tests per million
Bengaluru	204,275	1,484,031	114,156
<b>Mumbai</b>	<b>190,138</b>	<b>1,045,706</b>	<b>80,392</b>
Delhi*	249,259	2,578,737	135,723
West Bengal	234,673	2,924,507	32,413
Gujarat	127,379	3,983,152	64,244
Kerala	148,132	2,492,757	74,287
Maharashtra	1,263,799	6,197,823	50,162
Rajasthan	120,739	2,935,751	43,173
Tamil Nadu	557,999	6,725,037	201,422





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

Based on date of reporting, from Feb 03, 2020 to Sep 23, 2020



Summary till date

1,90,138<sup>1</sup>

Total positive cases

10,45,706

Total tests conducted

18.18%<sup>2</sup>

Positive cases as a % of total tests

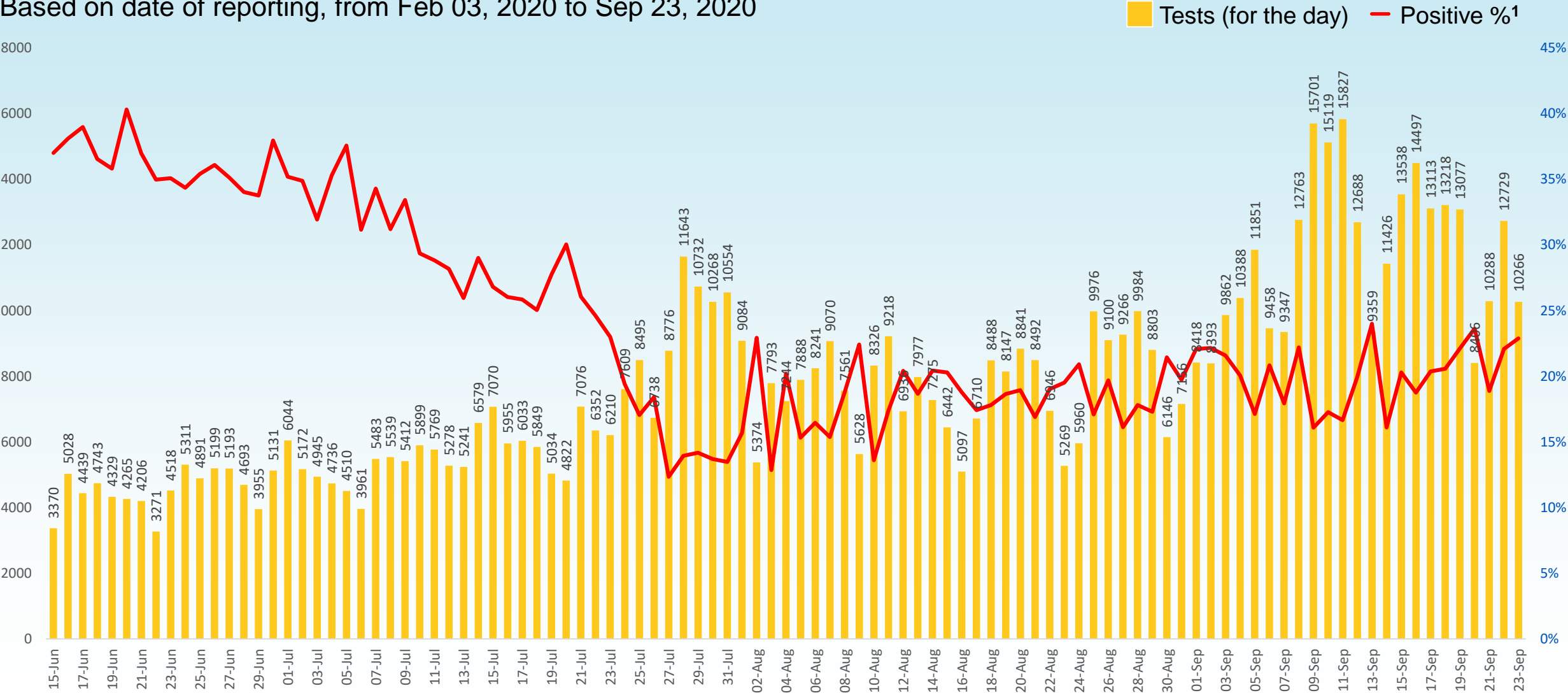
1 Total Positive cases as on Sep 23, Total cases as of Sep 23 as per line list is 1,83,735

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

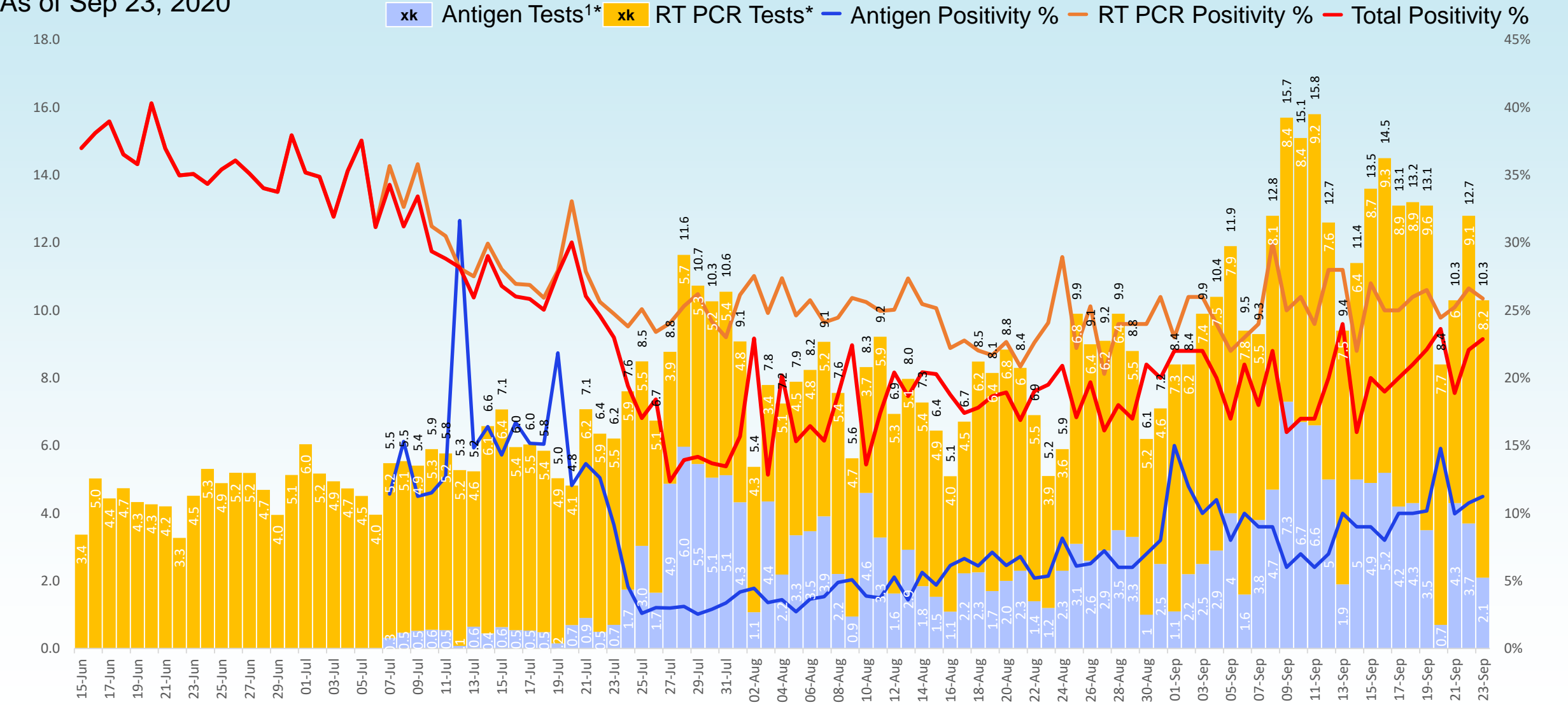
Based on date of reporting, from Feb 03, 2020 to Sep 23, 2020



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 23, 2020

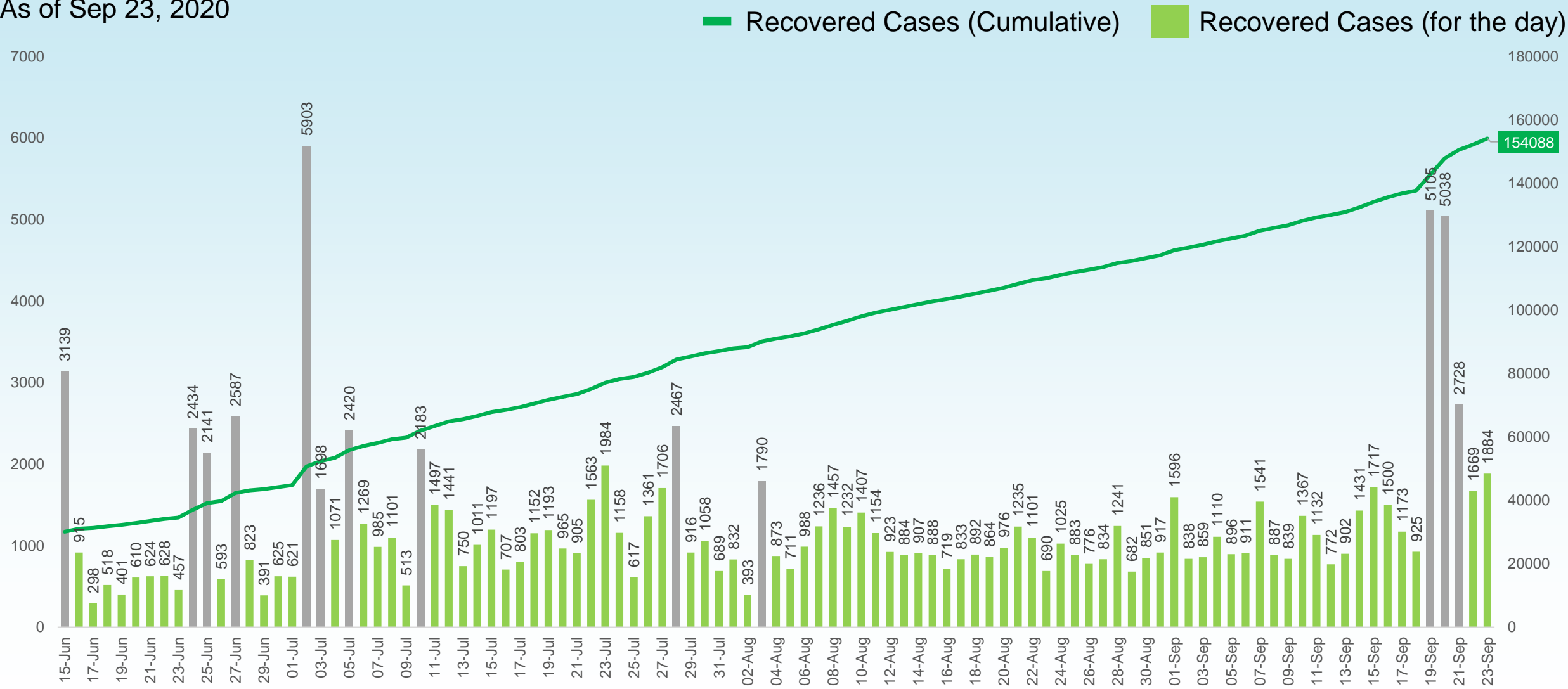


<sup>1</sup>Data for Antigen tests is available from Jul 07 onwards

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

# Trend of Recovered Cases

As of Sep 23, 2020

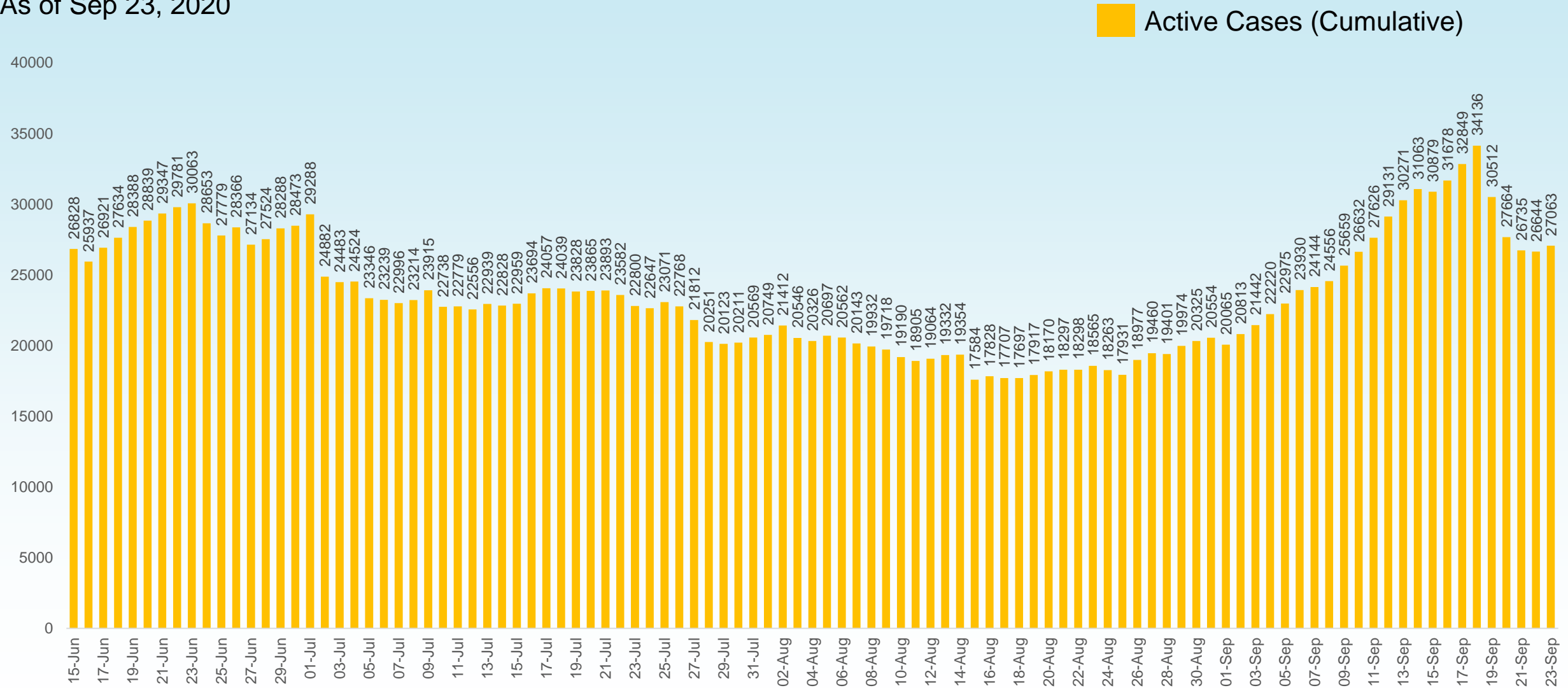


<sup>1</sup>Spikes refer to reconciliation and updation of data on ICMR Portal



# Trend of Active Cases

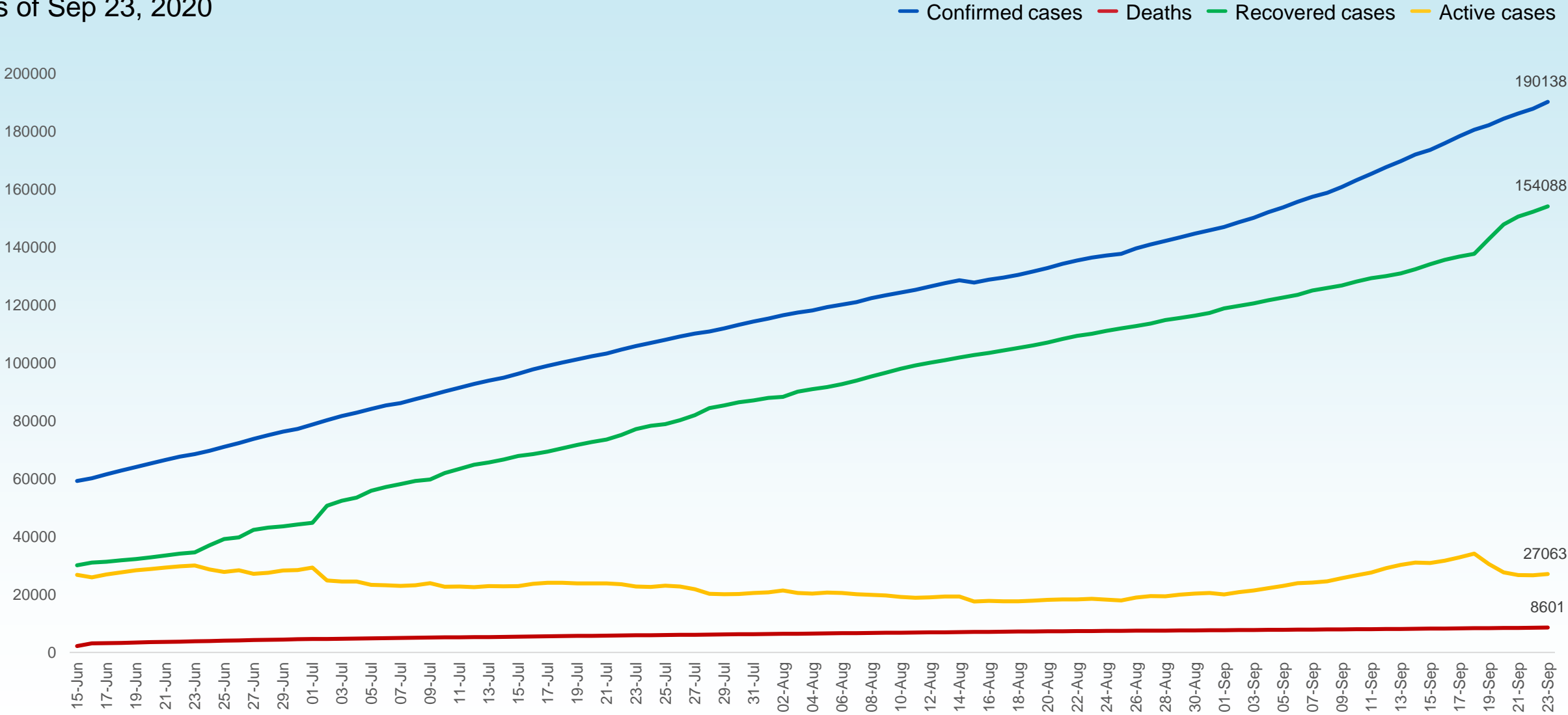
As of Sep 23, 2020





# Case summary for Mumbai

As of Sep 23, 2020





## Key Trends

**Contact tracing and home quarantine**

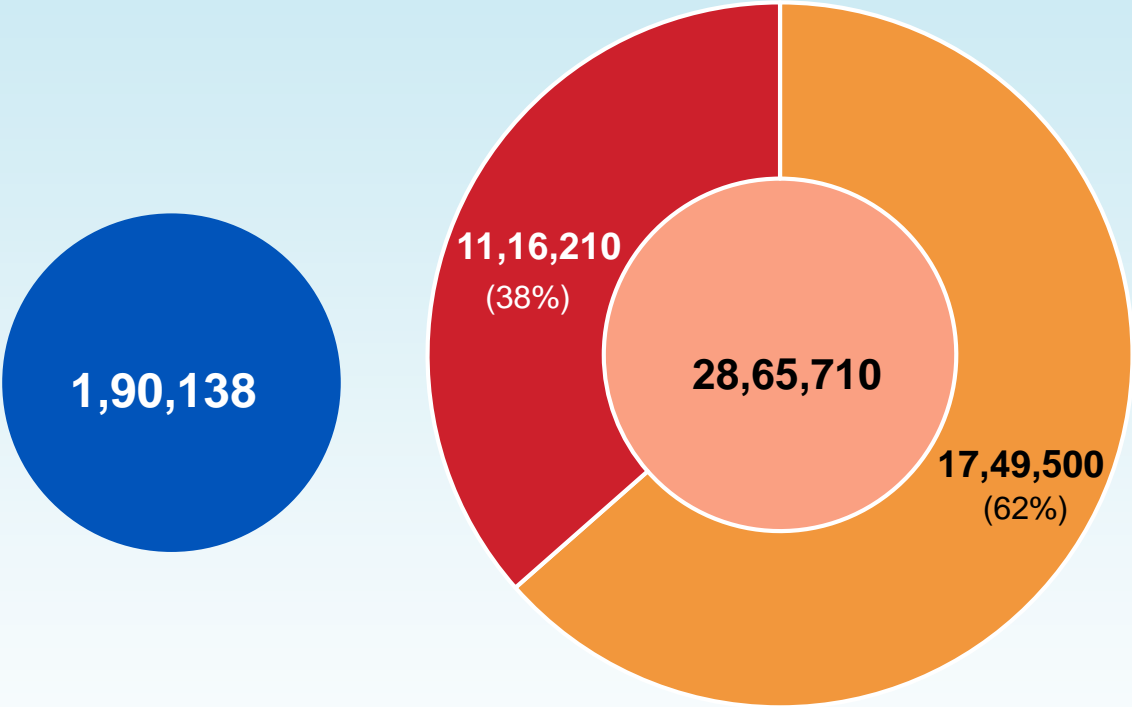
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

# Update on contact tracing

Summary as of Sep 23, 2020



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

**24,35,930**  
Completed quarantine

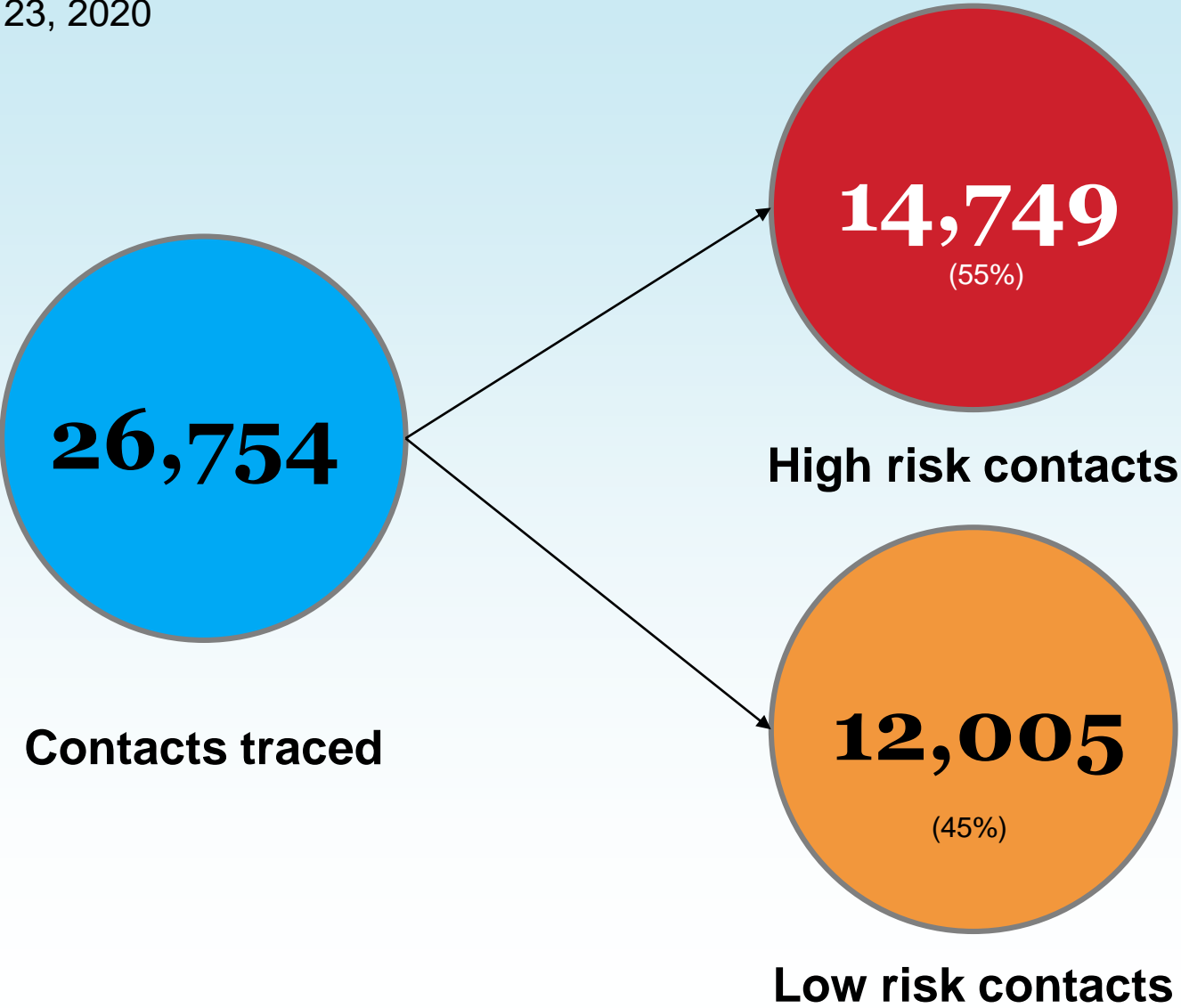
**4,27,551**  
In home quarantine,

**2,229**  
Currently at institutional quarantine facilities

**1,54,197**  
Shifted to institutional quarantine facilities till date

# Contact tracing report for last 24 hours

Summary as of Sep 23, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 23, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process





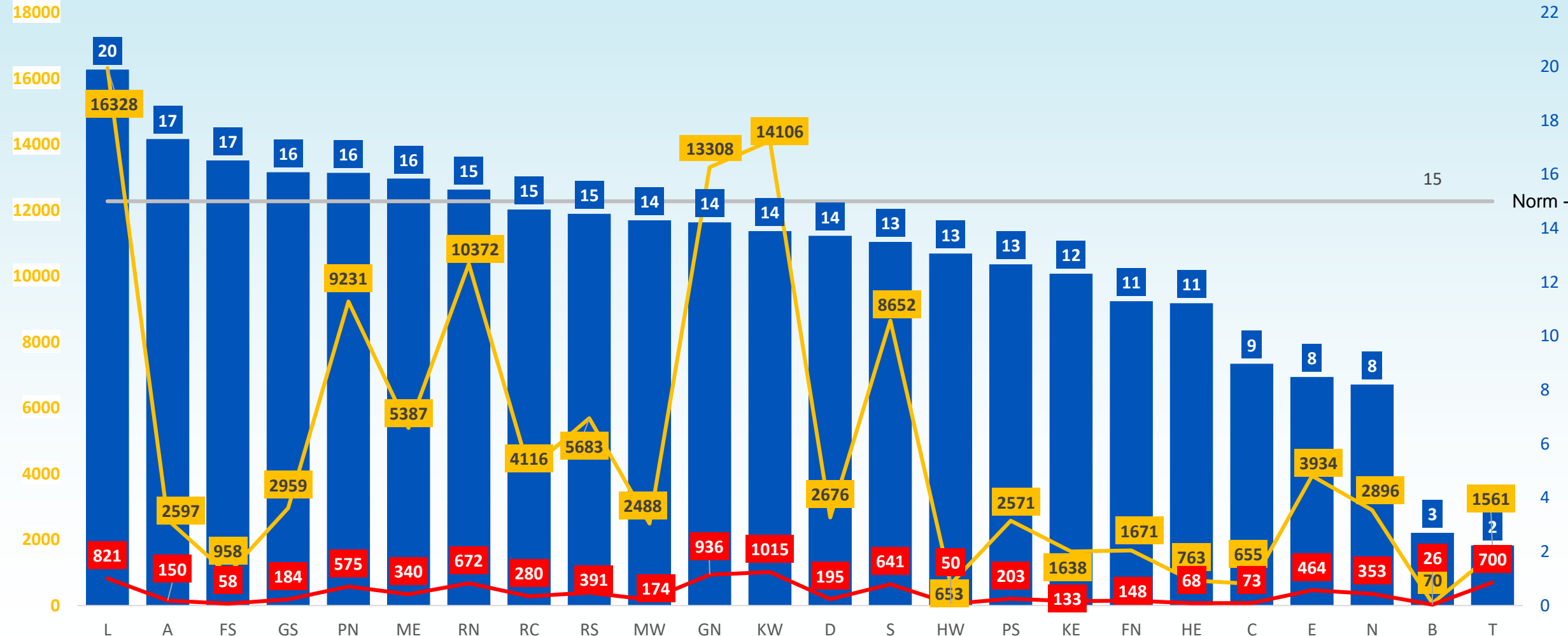
# Chase the virus: High Risk Contacts for Index Cases in Slums

As of Sep 23, 2020<sup>1</sup>

Positive cases from slums (Not being high risk contacts of earlier cases)<sup>(1)</sup>  
Total – 8,650\*

No of high risk contacts sent to institutional facilities  
Total – 1,15,273\*

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



\* Data for Ward A, Ward D, Ward ME and Ward RN is updated as of Sep 22

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

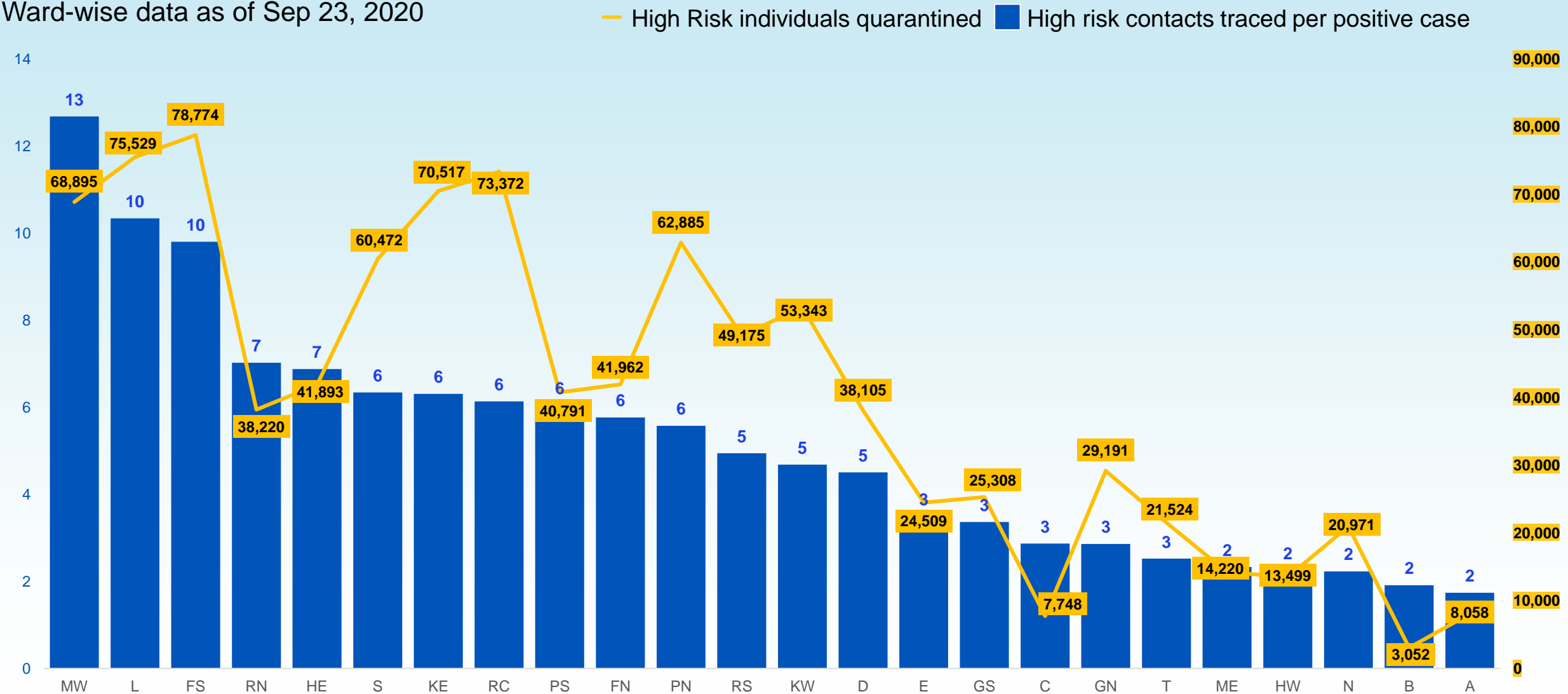
Data subject to change after scrutiny and ongoing verification process

14

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

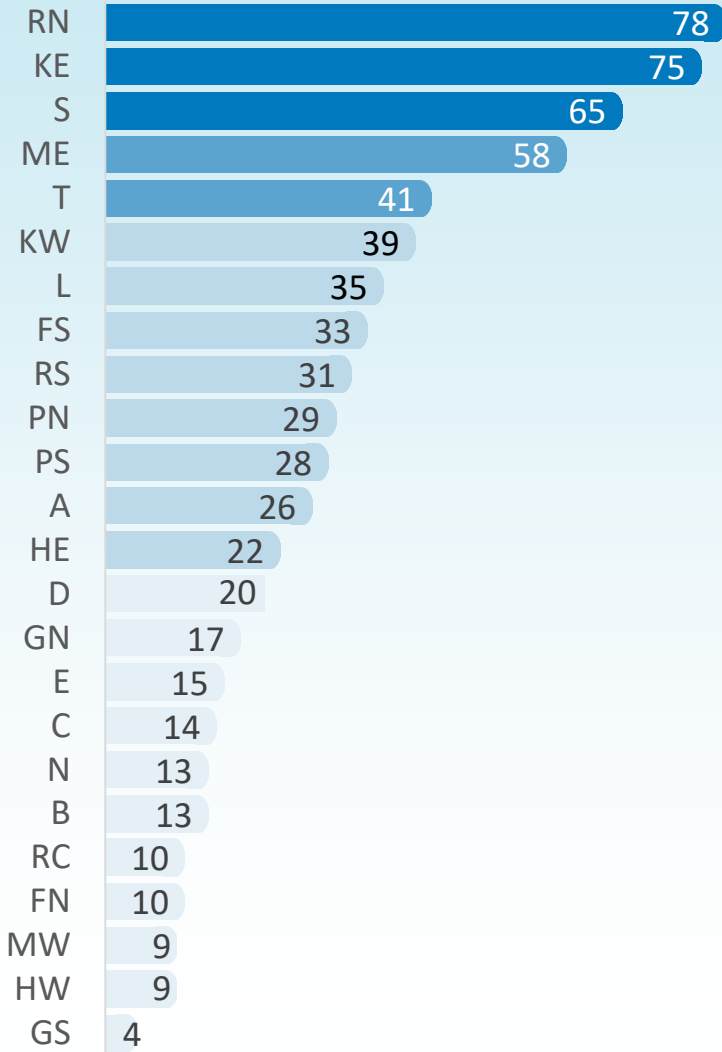
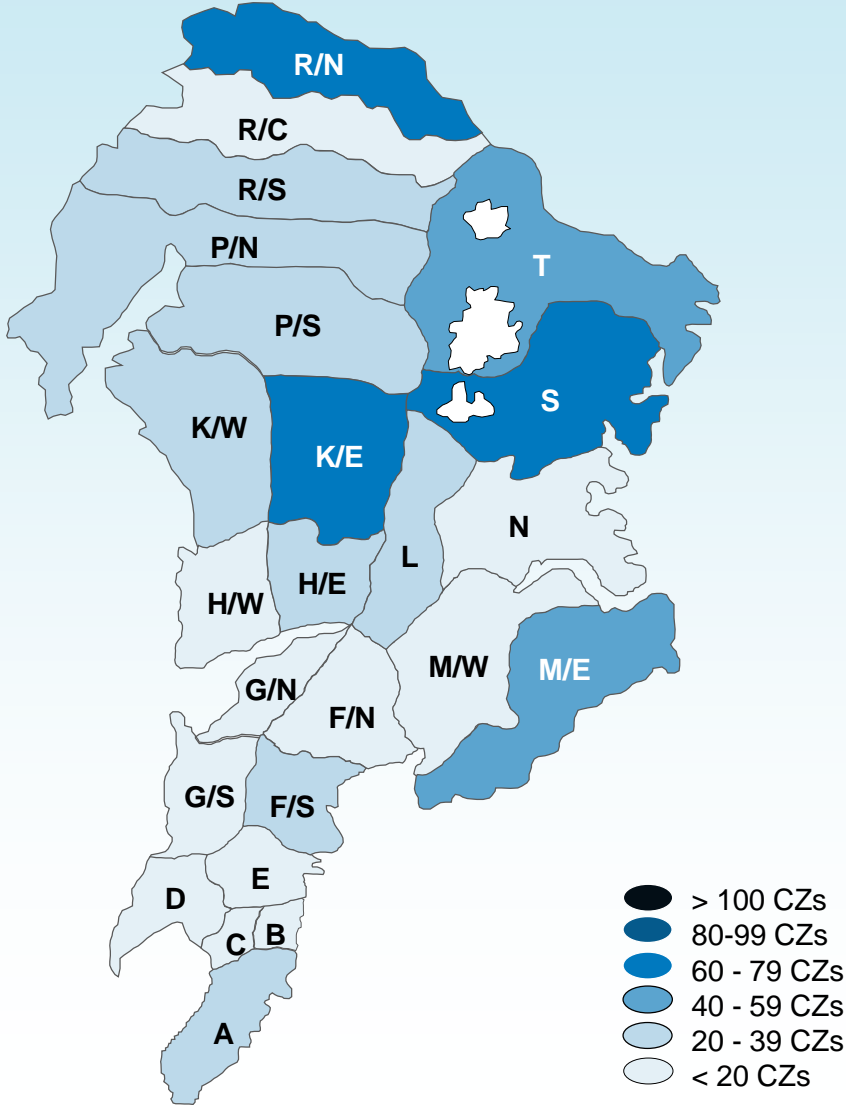


Ward-wise data as of Sep 23, 2020



# Ward-wise containment zones – slums and chawls

As of Sep 23, 2020



**694**
*Active*

Containment Zones

**8.2**
*lacs*

No. of Households

**35.5**
*lacs*

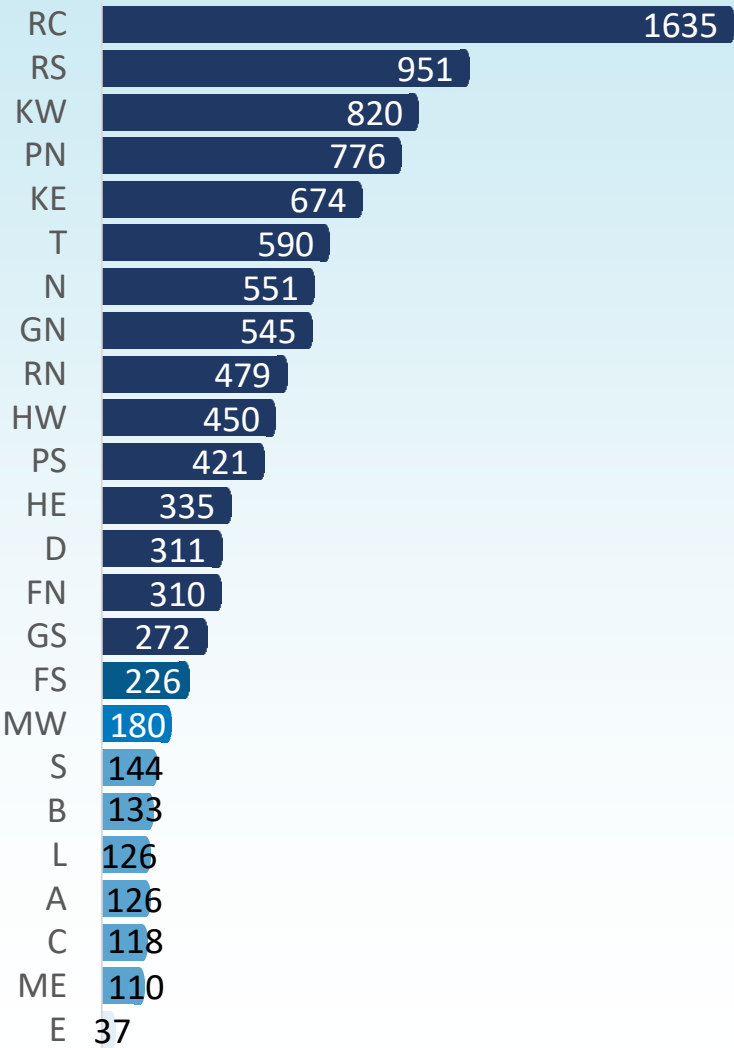
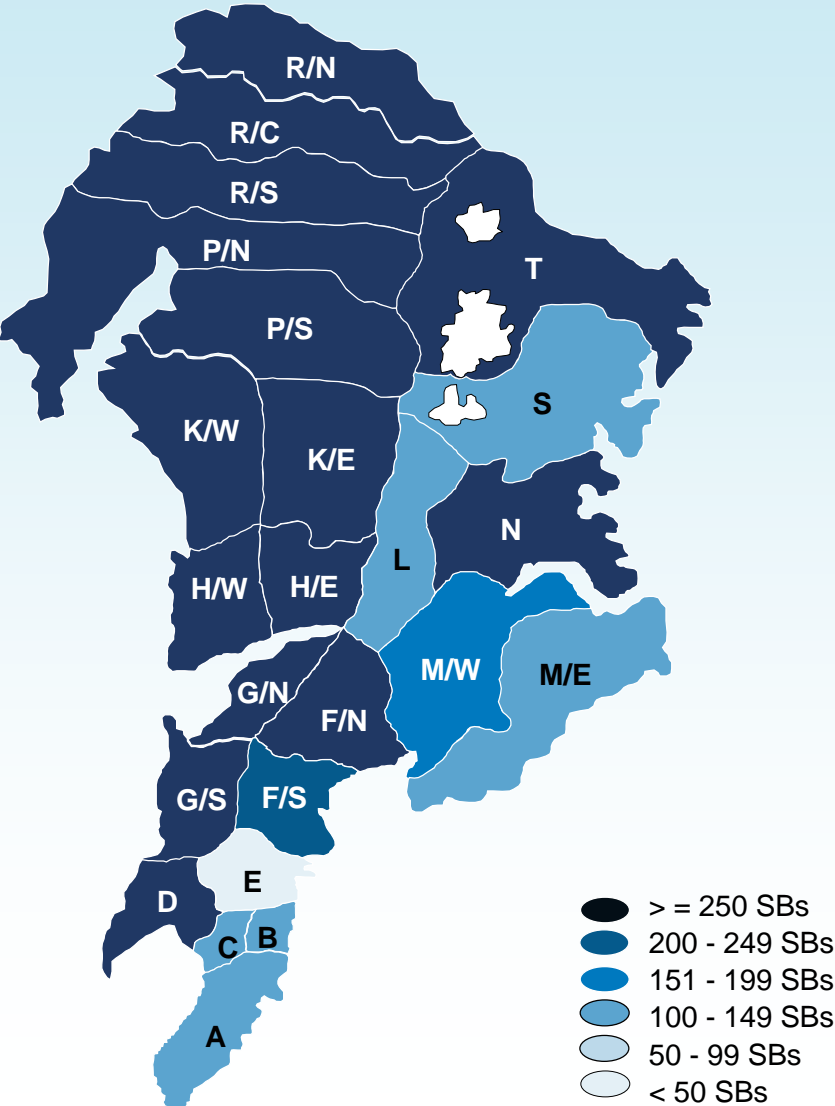
Population

**1,048**
*Released*

Containment Zones

# Ward-wise sealed buildings

As of Sep 23, 2020



**10,320 Active**  
 Sealed Buildings

**3.1 lacs**  
 No. of Households

**11.6 lacs**  
 Population

**26,558 Released**  
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

**Status of COVID19 Positive Cases**

Bed Capacity

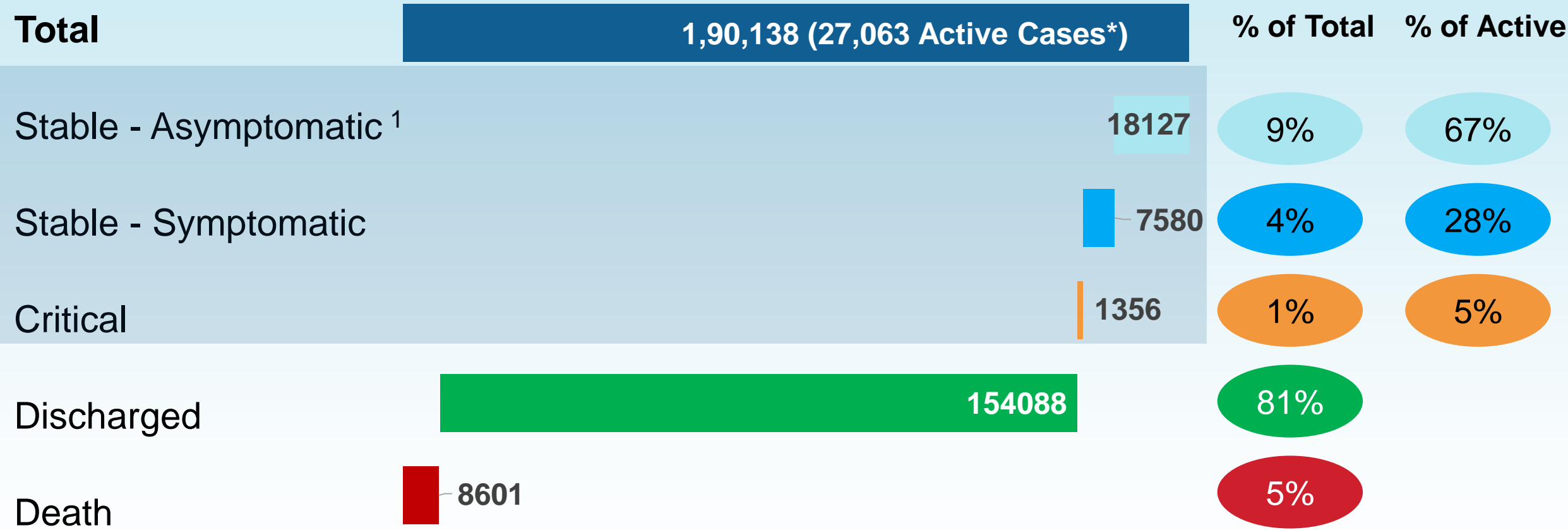
Other initiatives





# Case summary for Mumbai

As of Sep 23, 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 (6,490 cases) has been added to "Stable – Asymptomatic" cases

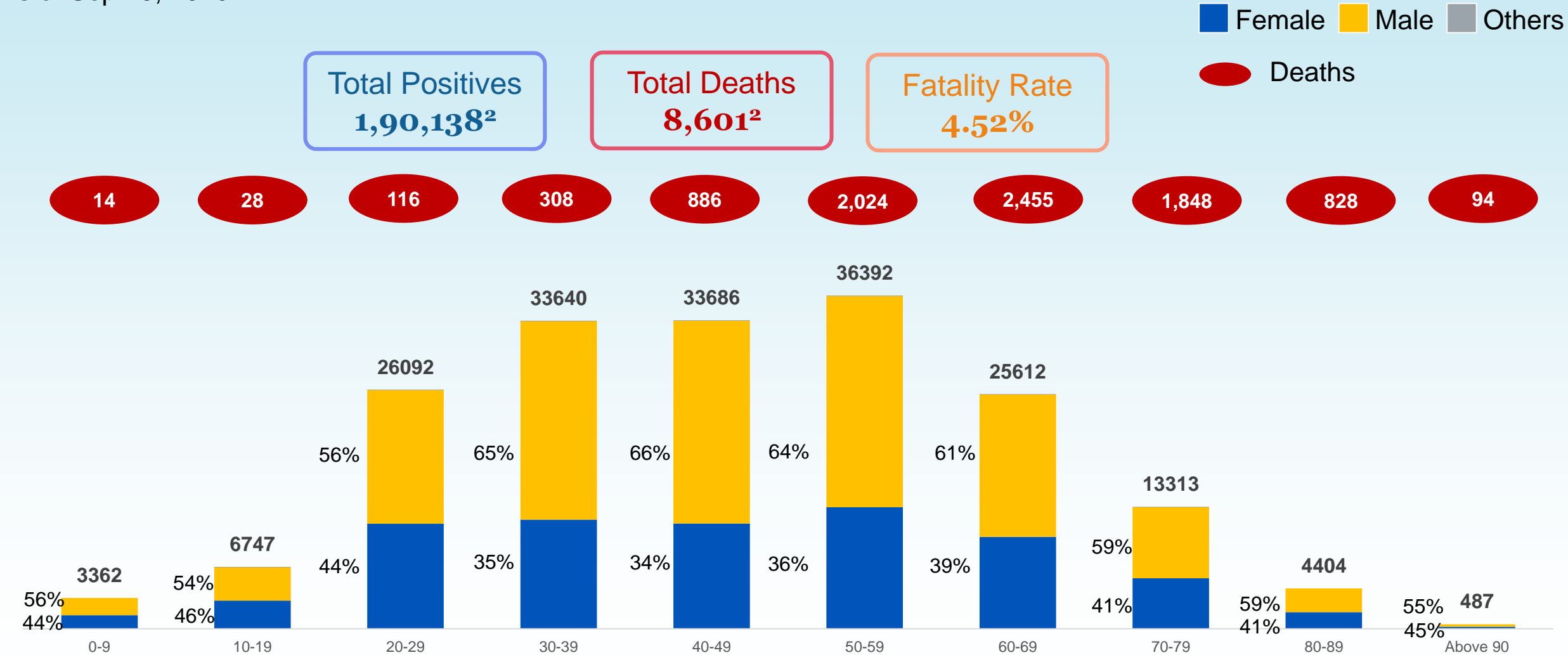
Source: Covid-19 daily update by the DEHO, EPID Cell for total cases, discharges, deaths; "At a glance isolation facility report" for critical

Data subject to change after scrutiny and ongoing verification process



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

As of Sep 23, 2020<sup>1</sup>



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

1 Total Age and sex-wise break up is available 1,83,735 cases; age-wise breakup of deaths available for 8,601 cases

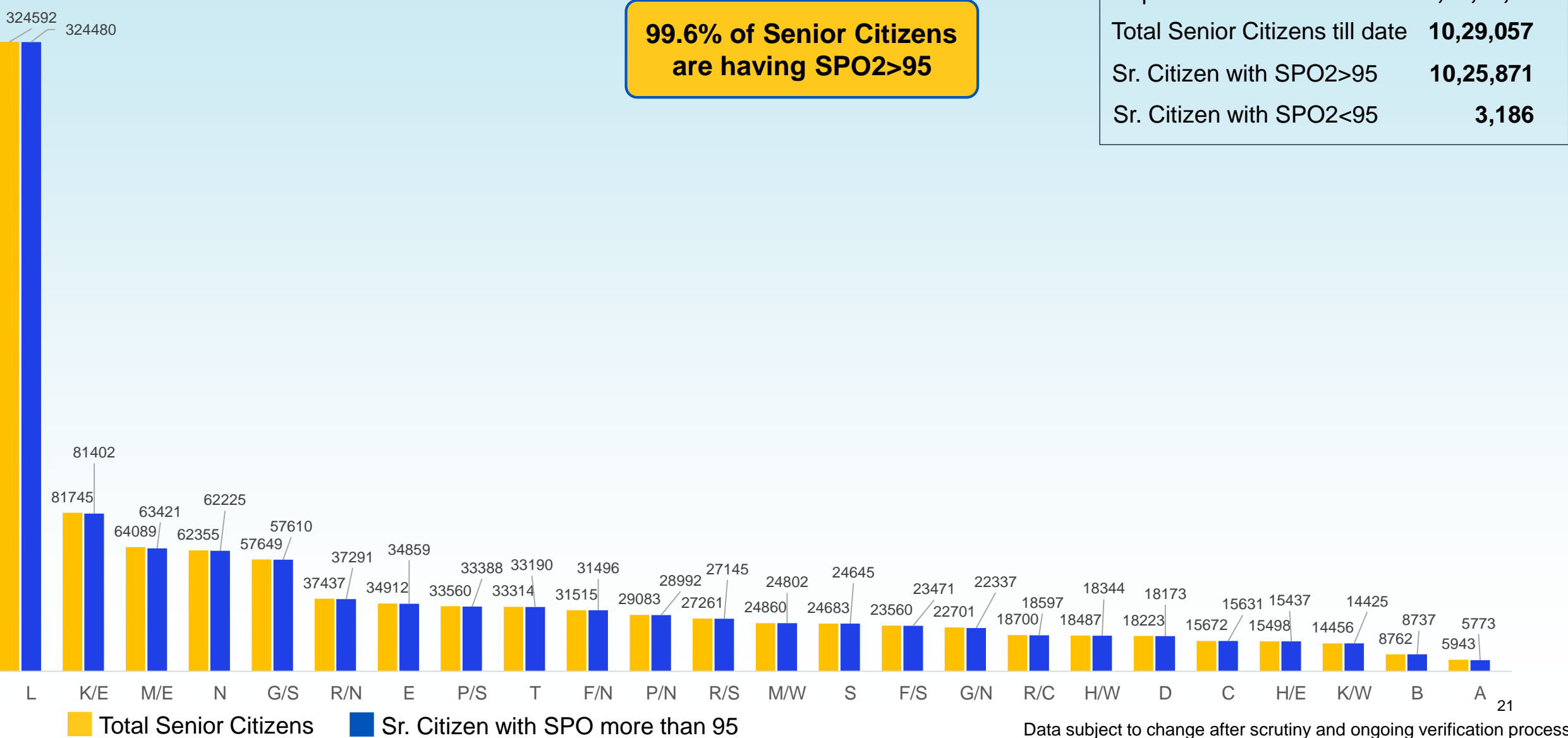
2 As on Sep 23

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 19, 2020





# Proactive screening of elderly to protect them and contain mortality

Ward-wise data for Sep 19, 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>	18,690	68,438	2,170	2,170	0
A	0	0	0	0	0
B	315	1,210	26	26	0
C	476	1,975	53	53	0
D	370	1,401	110	110	0
E	1,554	6,650	315	315	0
F/S	852	2,860	223	223	0
F/N	284	1,605	179	179	0
G/S	2,113	7,310	197	197	0
G/N	1,764	6,113	114	114	0
H/E	0	0	0	0	0
H/W	389	1,106	89	89	0
K/E	0	0	0	0	0
K/W	344	1,430	32	32	0
P/S	1,018	3,174	38	38	0
P/N	1,589	7,956	132	132	0
R/S	0	0	0	0	0
R/C	0	0	0	0	0
R/N	5,509	18,335	235	235	0
L	0	0	0	0	0
M/E	319	1,401	98	98	0
M/W	928	2,749	207	207	0
N	0	0	0	0	0
S	782	2,929	71	71	0
T	84	234	51	51	0

Summary till date

**1,82,68,952<sup>\*</sup>**

Total Population covered till date

**10,29,057**

Senior Citizens covered till date

**10,25,871**

Senior Citizens with SPO2>95  
till date

**3,186**

Senior Citizens with SPO2<95  
till date

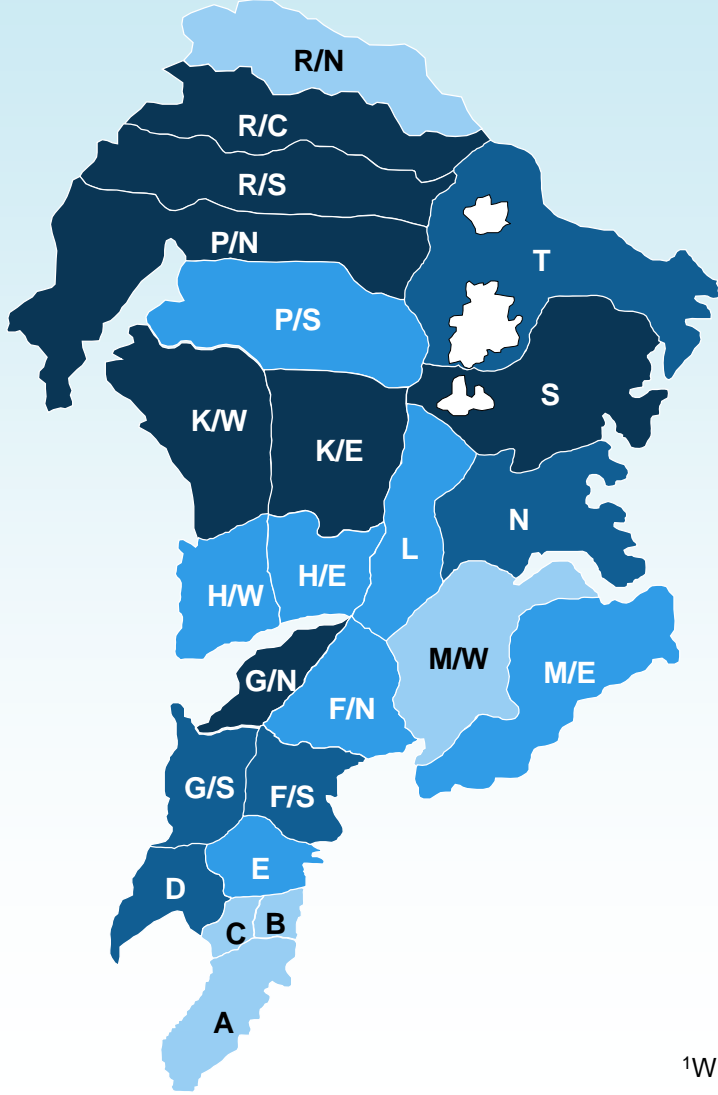
\* Due to Data reconciliation, total population number is reduced.; Total population covers individuals screened multiple times

Data subject to change after scrutiny and ongoing verification process



# Ward-wise breakdown of positive cases

As of Sep 23, 2020



RC	11954	9425	345	2184
KW	11391	9089	363	1939
PN	11277	9437	407	1433
KE	11178	9153	584	1441
GN	10200	8482	547	1171
RS	9950	7930	290	1730
S	9536	7669	515	1352
N	9397	7728	447	1222
T	8535	6876	207	1452
D	8456	6966	287	1203
FS	8037	6757	415	865
GS	7519	6292	441	786
L	7304	6070	480	754
FN	7277	6341	349	587
E	7016	5749	334	933
PS	6737	5506	272	959
ME	6096	5006	336	754
HE	6092	4893	374	825
HW	5976	4622	220	1134
RN	5441	4270	181	990
MW	5433	4339	319	775
A	4637	3880	80	677
C	2701	2213	114	374
B	1595	1267	101	227
Total		149960	8008	25767

- Dark blue circle: >=9501 cases
- Medium blue circle: 7501 – 9500 cases
- Light blue circle: 5501 – 7500 cases
- Very light blue circle: 0 – 5500 cases
- Green box: Discharged<sup>2</sup>
- Red box: Deaths<sup>3</sup>
- Orange box: Active

Total Positives  
**1,90,138<sup>1</sup>**

Total Active  
**25,767<sup>1</sup>**

Active = Positive – Discharges – Death

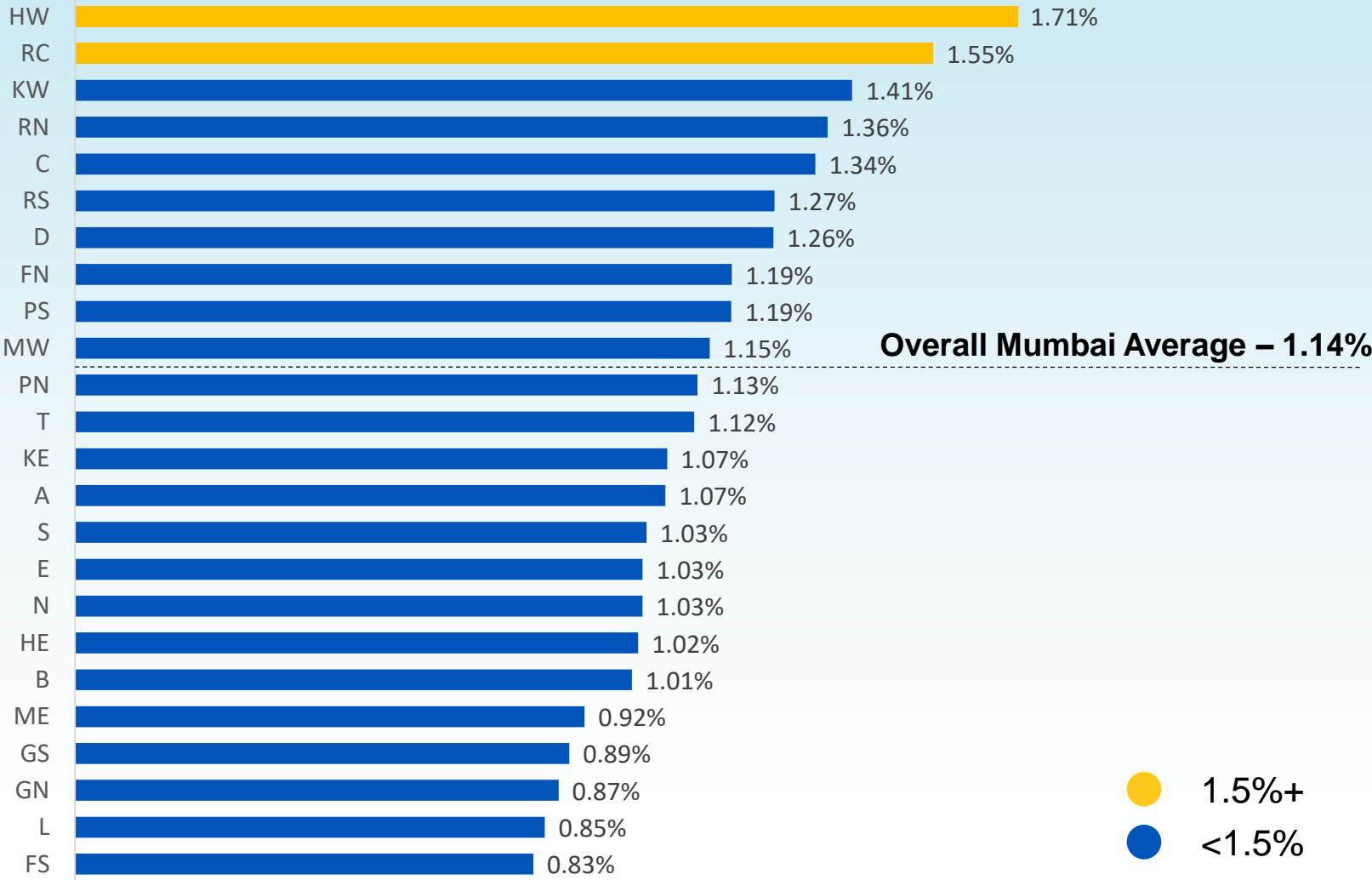
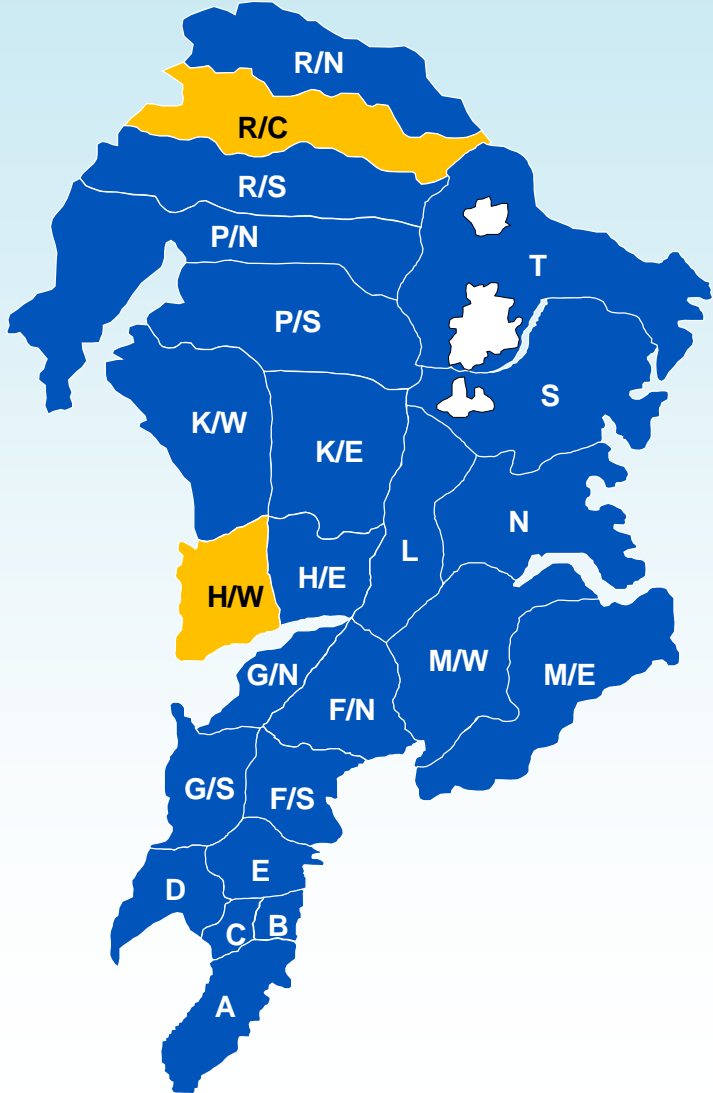
Source: Covid-19 daily update by the DEHO, EPID Cell

<sup>1</sup>Ward-wise breakup is available for 1,83,735 cases (25,767 Active), Total  
<sup>2</sup>Discharges as on Sep 23, Available for 1,49,960 cases,  
<sup>3</sup>Deaths as on Sep 23, Available for 8,008 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 23, 2020



# Ward-wise new cases

Positive cases for the last 7 days till Sep 23, 2020<sup>1</sup>

Date of report	HW	RC	KW	RN	C	D	RS	FN	PS	MW	PN	T	A	KE	S	E	HE	N	B	ME	GS	GN	L	FS	Grand Total
Area>>>	Bandra	Borivali	Andheri W	Dahisar	Marine Lines	Grant Road	Kandivali	Matunga	Goregaon	Chembur W	Malad	Mulund	Colaba	Andheri E	Bhandup	Byculla	Khar	Ghatkopar	Sandhurst Road	Chembur E	Elphinstone	Dadar	Kurla	Parel	
As on 16th Sep	5309	10733	10331	4950	2461	7745	9112	6700	6203	5016	10427	7895	4305	10375	8874	6532	5675	8749	1487	5717	7065	9597	6884	7586	169728
17-Sep	111	194	144	88	37	103	160	94	79	78	121	92	62	142	130	62	40	122	14	75	69	107	51	71	2246
18-Sep	72	179	163	82	48	128	114	93	72	73	134	101	55	110	77	78	62	106	19	63	77	84	51	60	2101
19-Sep	103	159	151	89	39	92	123	103	79	55	109	102	58	91	106	74	71	96	13	51	74	101	71	101	2111
20-Sep	116	185	150	81	36	106	129	78	59	61	131	97	55	120	98	63	75	91	21	50	69	76	79	61	2087
21-Sep	81	130	145	38	21	75	108	72	77	55	132	77	24	102	105	70	54	80	9	54	52	64	56	52	1733
22-Sep	72	144	127	36	25	95	70	40	64	36	99	73	34	104	66	68	45	55	14	41	47	64	48	40	1507
23-Sep	112	230	180	77	34	112	134	97	104	59	124	98	44	134	80	69	70	98	18	45	66	107	64	66	2222
As on 23rd Sep	5976	11954	11391	5441	2701	8456	9950	7277	6737	5433	11277	8535	4637	11178	9536	7016	6092	9397	1595	6096	7519	10200	7304	8037	183735
Days to double	41	45	50	51	52	55	55	59	59	61	62	62	65	65	67	68	68	68	69	76	78	80	82	84	61

**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 23, 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**

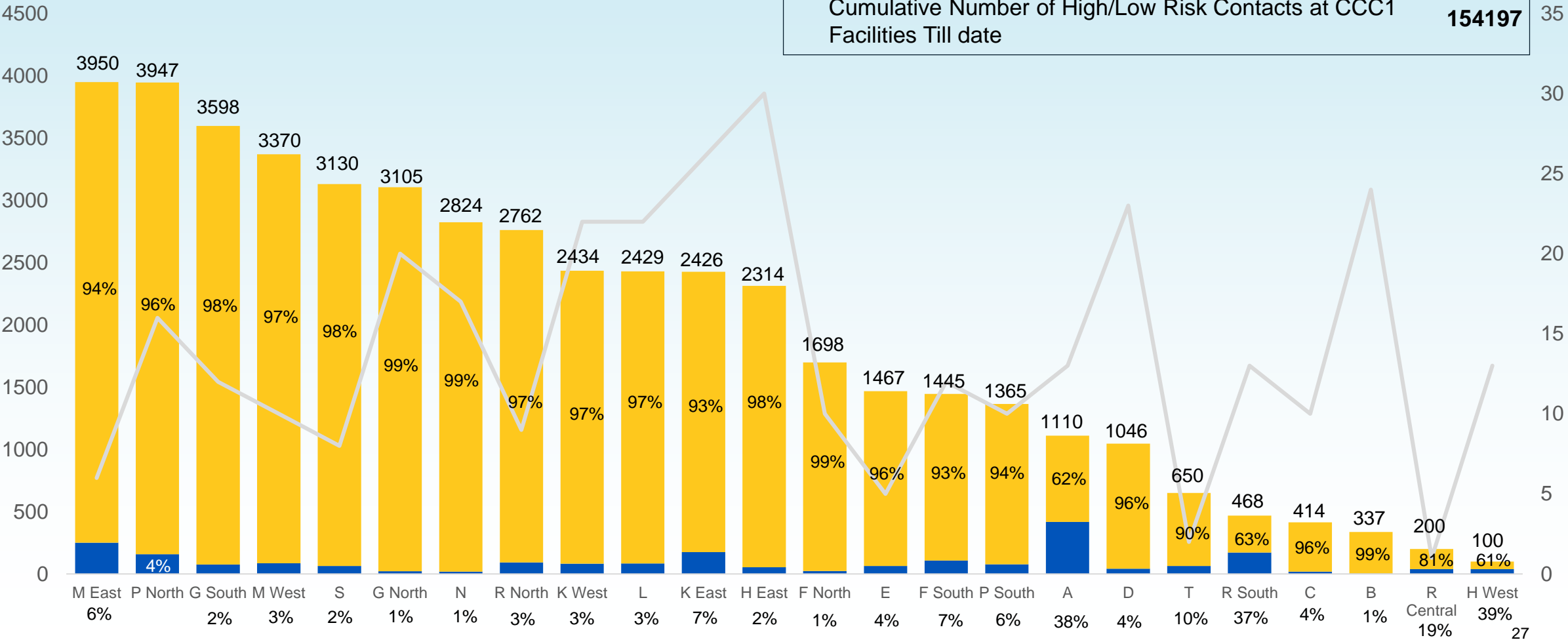
Other initiatives



# Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 23, 2020

No. of CCC1 Facilities identified for High/Low Risk Contacts	334
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2229
Available capacity	44360
Total Capacity	46589
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	154197



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

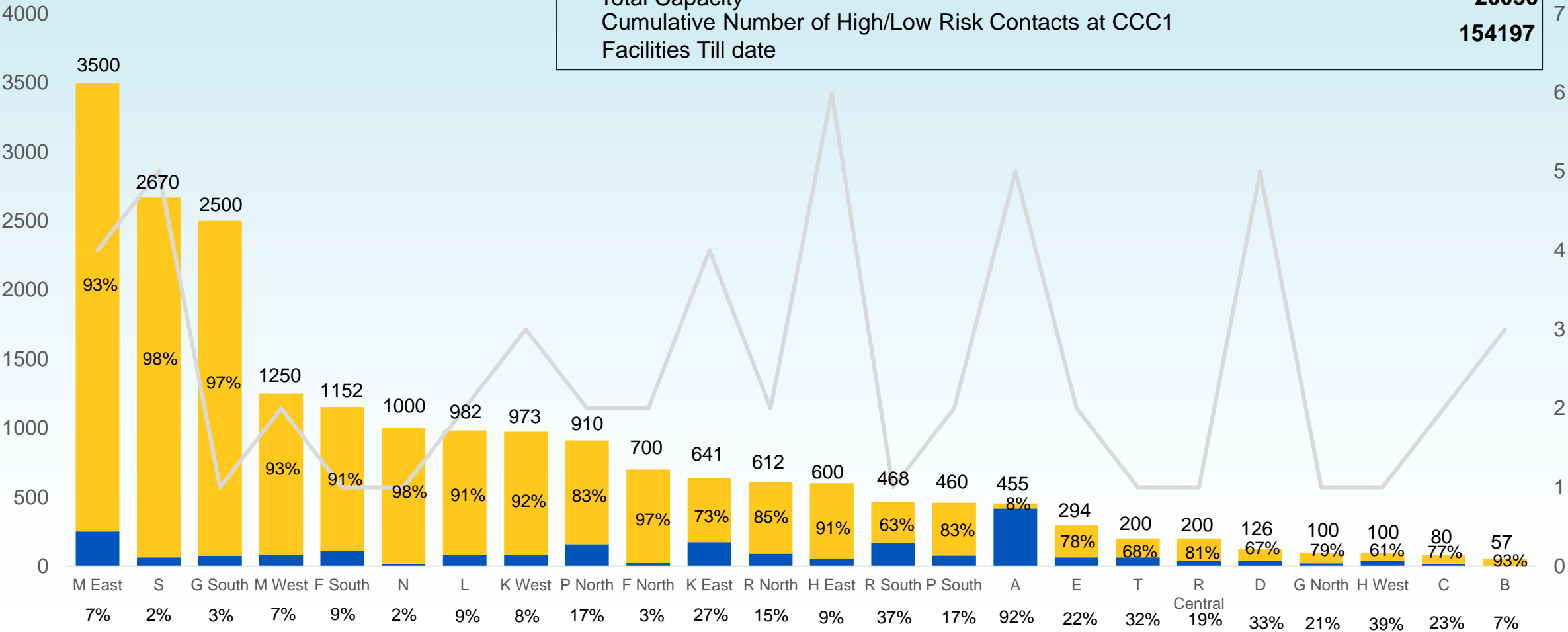
Data subject to change after scrutiny and ongoing verification process



# Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 23, 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:	2229
Available capacity	17801
Total Capacity	20030
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	154197



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

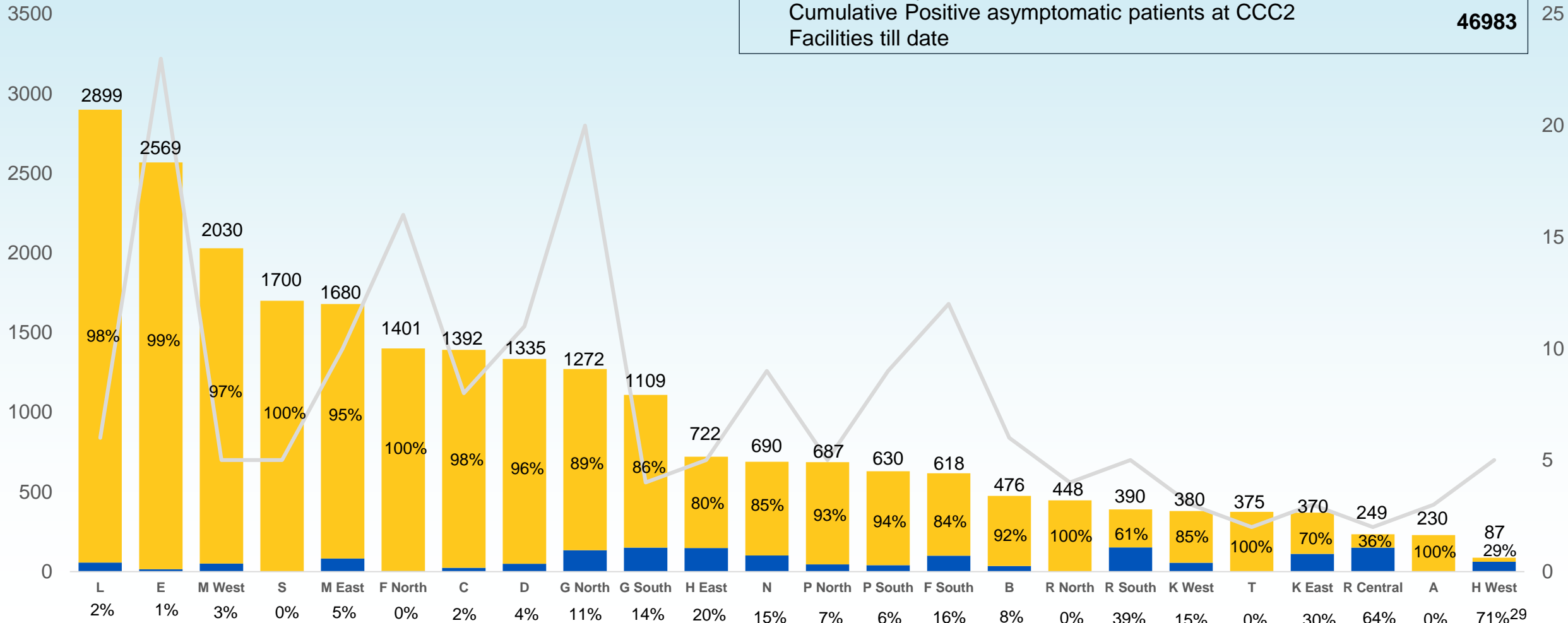




# Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 23, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	181
Number of positive asymptomatic patients shifted to CCC2 Facilities	1573
Available capacity	22152
Total Capacity	23725
Cumulative Positive asymptomatic patients at CCC2	46983
Facilities till date	



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

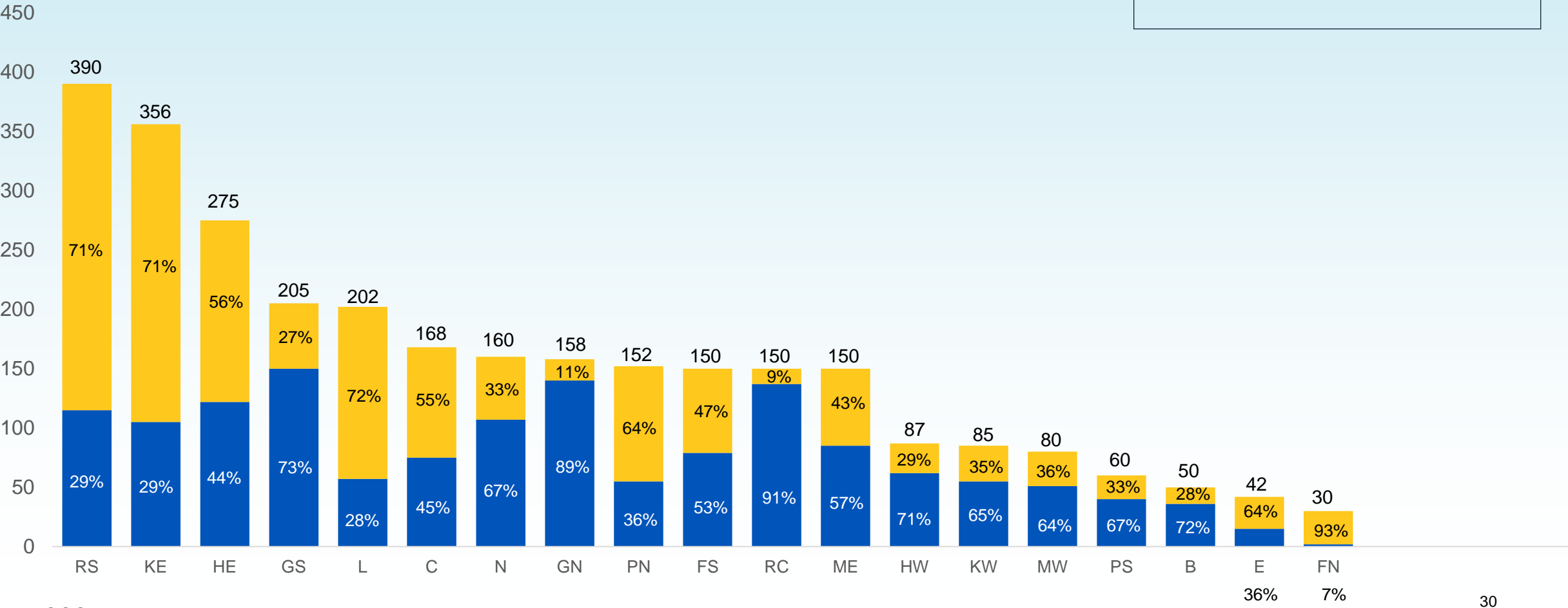
Data subject to change after scrutiny and ongoing verification process



# Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 23, 2020

Beds occupied	1488
Available capacity	1462
Total capacity	2950
Cumulative patients till date	39168



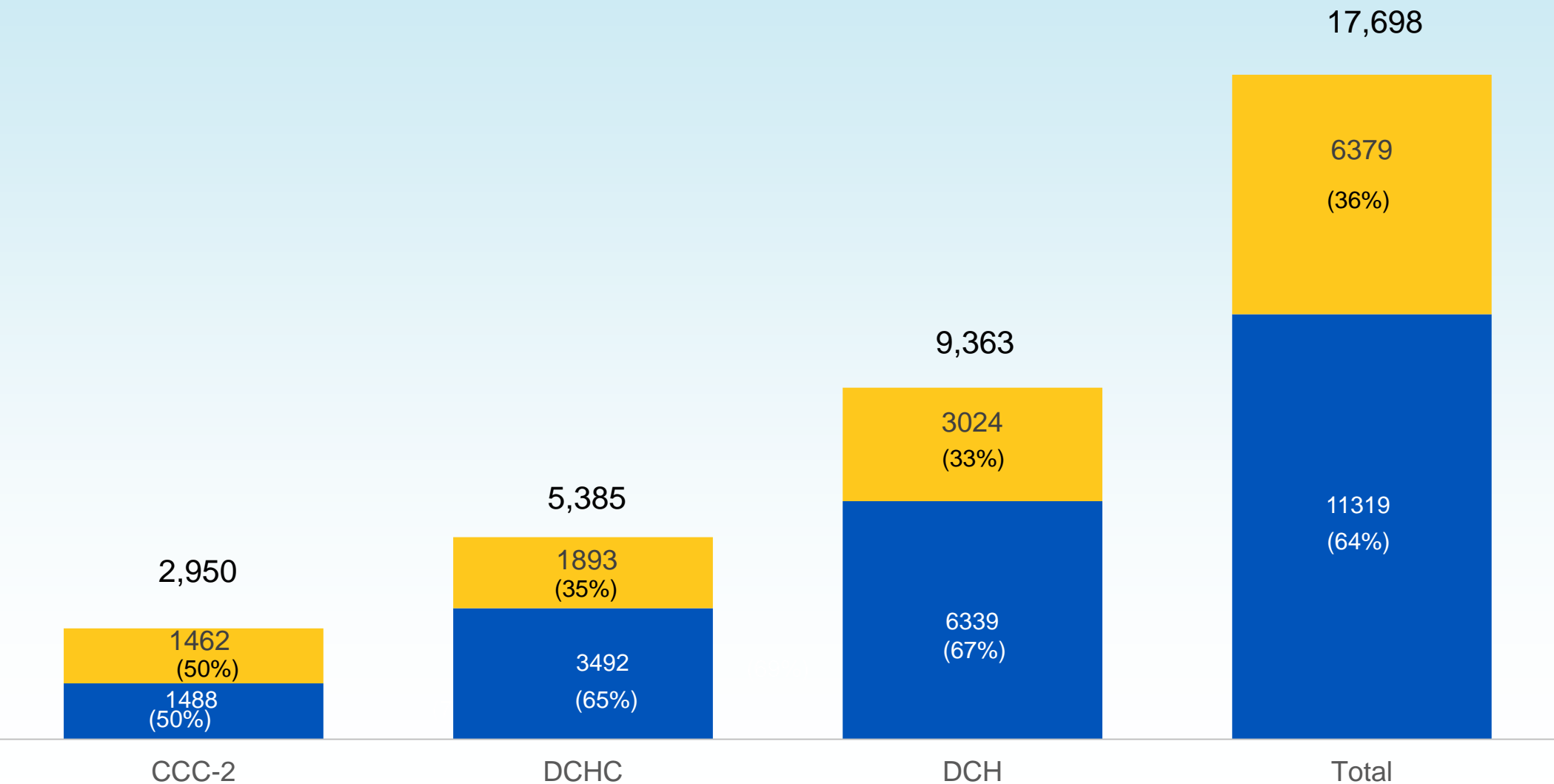
Source: "CCC2 line list"

Data subject to change after scrutiny and ongoing verification process

# Summary of total bed capacity

As of Sep 23, 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 02:00 PM, Sep 24, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
<b>Total</b>	<b>14,748</b>	<b>9,831</b>	<b>4,917</b>
ICU Beds	1,923	1,729	194
Regular	1,889	1,708	181
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	12,825	8,102	4,723
Quarantine for Suspect	1,039	651	388
Isolation for Positives	11,360	7,218	4,142
Pregnancy	242	118	124
Others (Cancer + Dialysis)	184	115	69
<i>O2 Beds*</i>	8,893	5,741	3,152
<i>Ventilators*</i>	1,134	1,034	100

# Summary of total bed capacity

Data as on 02:00 PM, Sep 24, 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	9,831	1,729	8,102		5,741 1,034
	Public Hospitals	6,642	896	5,746		3,771 647
	Pvt Hospitals	3,189	833	2,356		1,970 387
Vacancy	Total	4,917	194	4,723		3,152 100
	Public Hospitals	4,307	119	4,188		2,698 72
	Pvt Hospitals	610	75	535		454 28

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



## Key Trends

Contact tracing and home quarantine

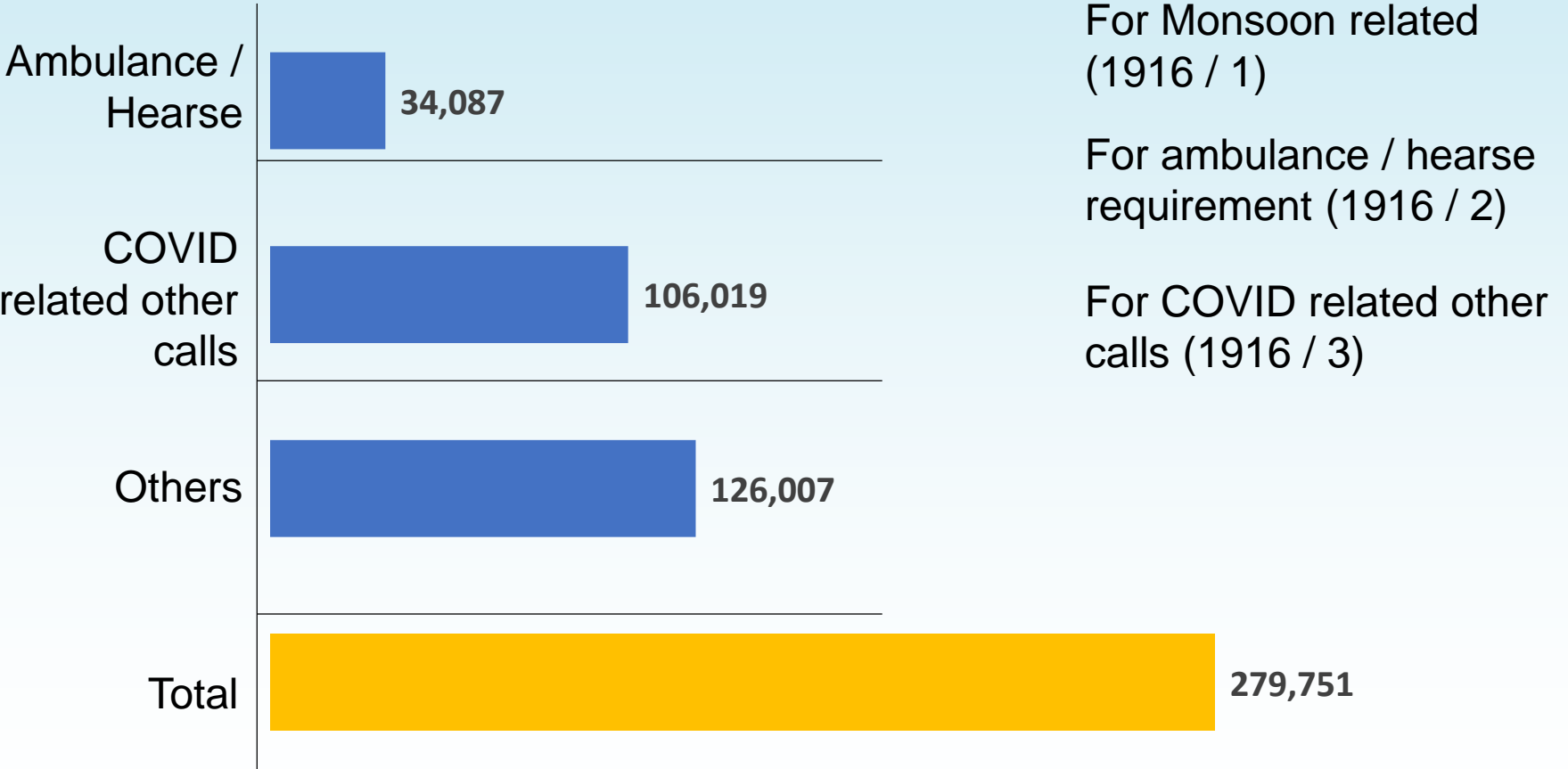
Status of COVID19 Positive Cases

Bed Capacity

**Other initiatives**

# Call Center update

For all calls received from April 24 to Sep 23, 2020





# Management of Waste from Quarantined Areas

## September 22, 2020



### Waste Collected (in Kgs)

COVID BMW (in Kgs)  
**11,334**

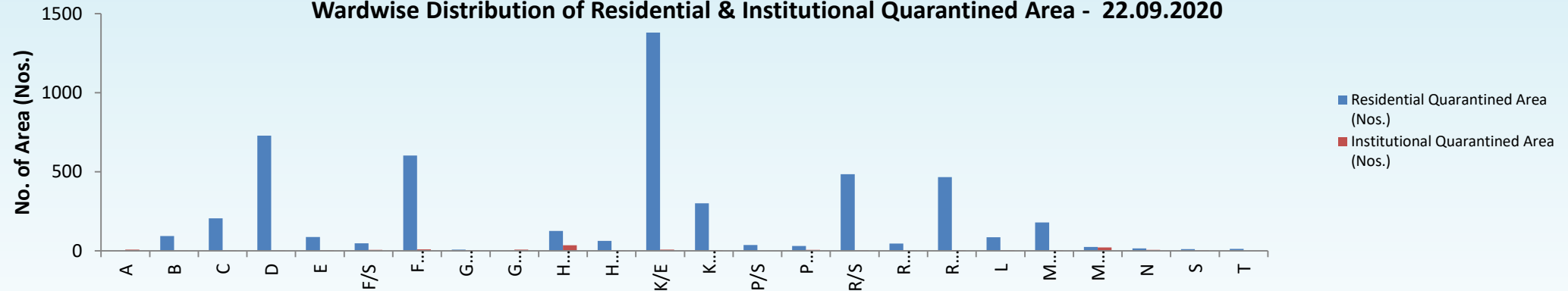
MCGM Quarantine BMW (in Kgs)  
**765**

Total BMW (in Kgs):  
**12,099.0**

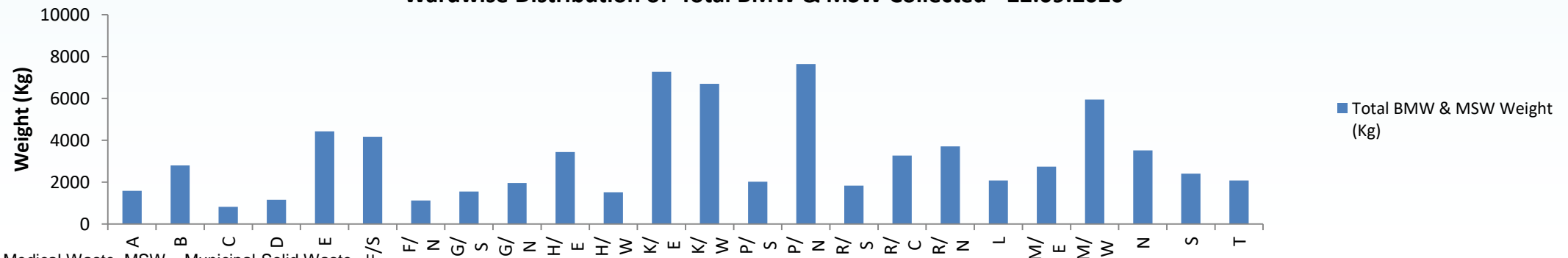
Total MSW Collected by MCGM from Quarantined Area (in Kgs):  
**74,920.0**

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

### Wardwise Distribution of Residential & Institutional Quarantined Area - 22.09.2020



### Wardwise Distribution of Total BMW & MSW Collected- 22.09.2020



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

# Thank you

