

BMC Covid-19 Response War Room Dashboard

Sep 08, 2020



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Mumbai COVID19 status at a glance

As of Sep 07, 2020

COVID19 Case Analysis

Total Positive	1,57,410
Discharged	1,25,019
Deaths	7,897
(Deaths with Age > 50yrs – 6,614)	
Total Active	24,144
Stable – Asymptomatic	16,027
Stable - Symptomatic	7,008
Critical	1,109
Tests Done (till date)	8,43,691
% of Positive (till date)	18.65

COVID19 Bed Management (As on 01:00 PM, Sep 08, 2020)

Bed Capacity	15,804
Occupied	9,154
Available	6,650
DCH & DCHC Bed Capacity	12,620
Occupied	7,872
Available	4,748
ICU Bed Capacity	1,413
Occupied	1,276
Available	137
O2 Bed Capacity	7,827
Occupied	4,735
Available	3,092
Ventilator Bed Capacity	938
Occupied	856
Available	82

CCC1 Facilities

	Facilities (#)	Bed Capacity	Occupancy
Total	333	46,375	2,337
Active	40	18,928	2,337
Buffer	17	2,198	-
Reserve [#]	276	25,249	-

CCC2 Facilities

	Facilities (#)	Bed Capacity	Occupancy
Total	179	23,788	1,413
Active	24	3,321	1,413
Buffer	13	2,474	-
Reserve [#]	142	17,993	-

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

Contact Tracing

Past 24hrs

Cumulative

Total Traced	16,068	24,26,766
High Risk	6,796	8,84,282
Low Risk	9,272	15,42,484
Total Quarantine Completed		21,89,606
Currently in Home Quarantine		2,34,823
Others		
Senior Citizens Screened till date		9,63,290
Senior Citizens with SPO2 > 95		9,60,151
Active Containment Zones – Slums & Chawls		561
Active Sealed Buildings		7,126
Calls Centre Calls Flow		2,57,933

Ward wise positive cases

Wards	RC	RS	PS	HW	RN	T	D	KW	N	A	C	FN	PN	KE	S	HE	GN	L	MW	GS	ME	B	E	FS	Overall Mumbai
Positive Cases	9230	7975	5459	4619	4287	6894	6738	8943	7975	3902	2219	5991	9340	9386	8207	5105	8817	6401	4488	6470	5200	1318	5963	6968	
Days to double	43	49	50	51	51	51	52	55	61	65	67	69	70	72	77	78	83	87	88	89	91	92	96	96	65

1 Ward-wise break up is as on Sep 07, 2020, available for 1,51,895 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

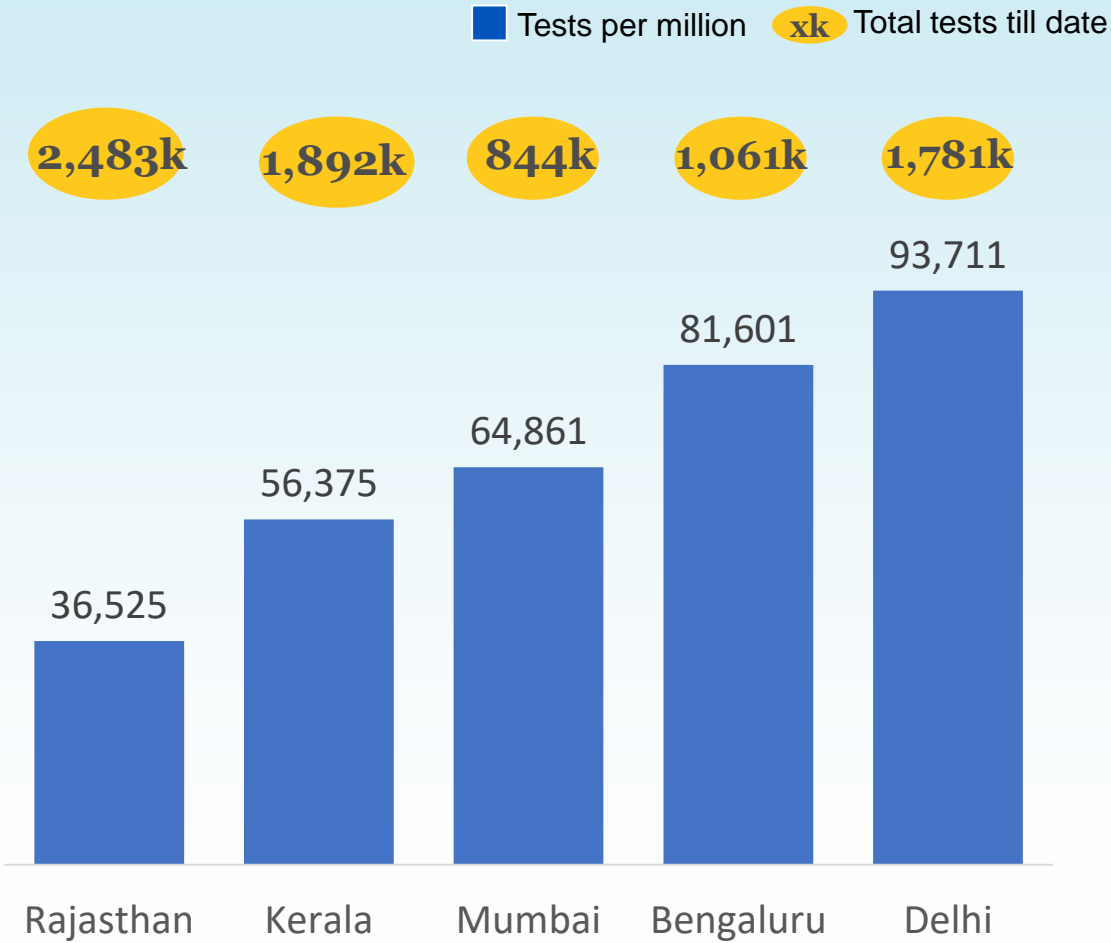
Other initiatives



Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Sep 7, 2020

Tests per million



Source: Government COVID bulletins as of Sep 7 2020

*

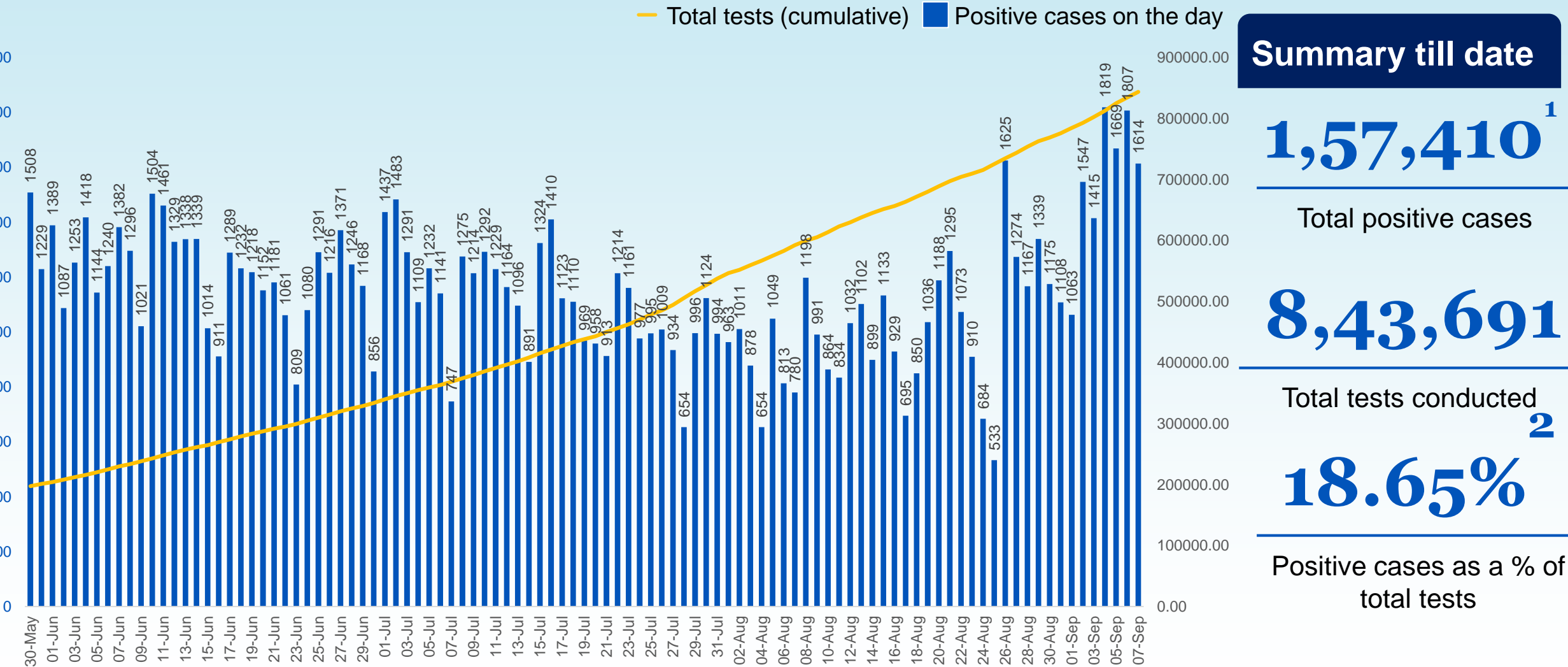
Mumbai is one of the leading cities in tests per million compared to other cities

State	Cases	Tests	Tests per million
Bengaluru	150,523	1,060,813	81,601
Mumbai	157,410	843,691	64,861
Delhi	191,449	1,780,509	93,711
West Bengal	183,865	2,200,906	24,393
Gujarat	105,507	2,851,594	45,993
Kerala	89,489	1,891,703	56,375
Maharashtra	923,641	4,792,351	38,787
Rajasthan	93,257	2,483,715	36,525
Tamil Nadu	469,256	5,379,011	161,107



Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 07, 2020



Summary till date

1,57,410¹

Total positive cases

8,43,691

Total tests conducted

18.65%²

Positive cases as a % of total tests

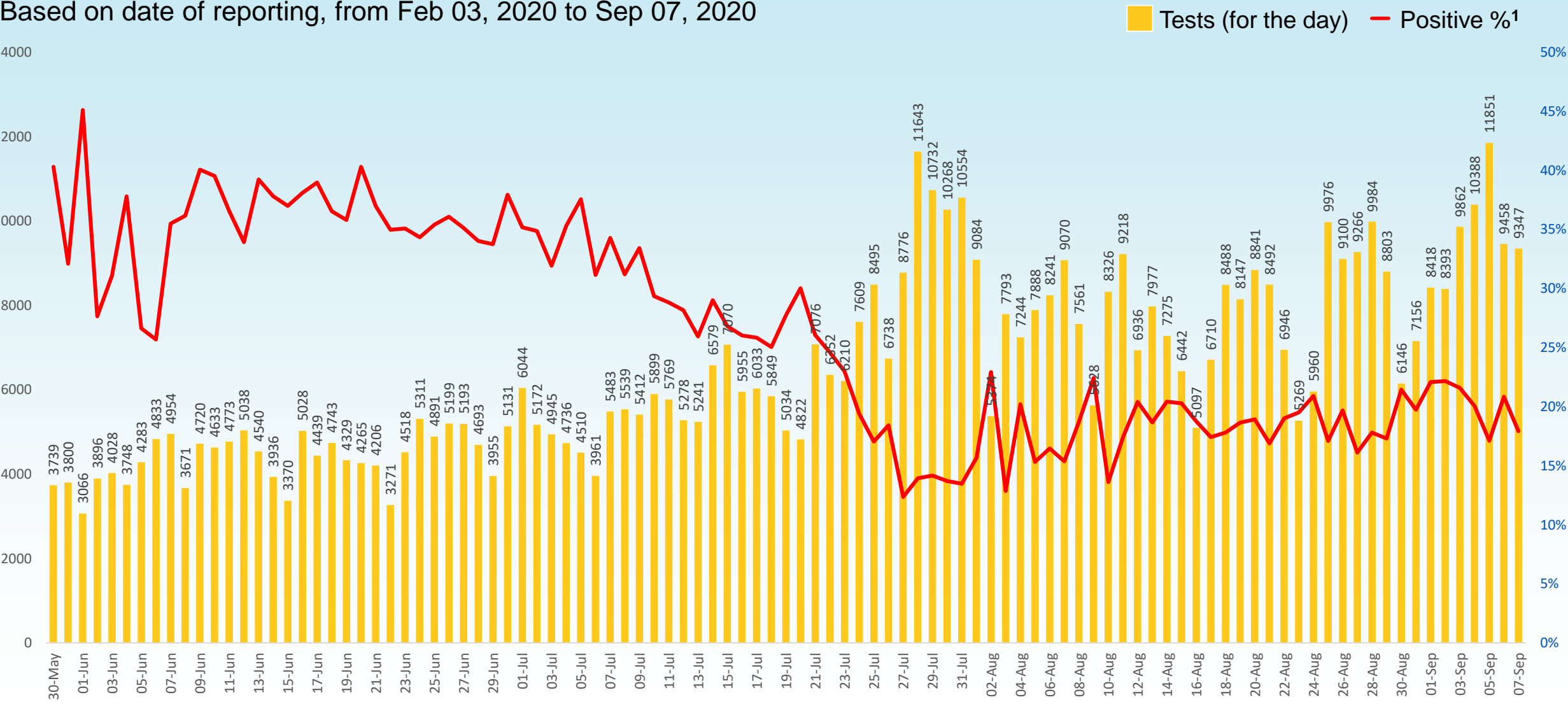
1 Total Positive cases as on Sep 07, Total cases as of Sep 07 as per line list is 1,51,895

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

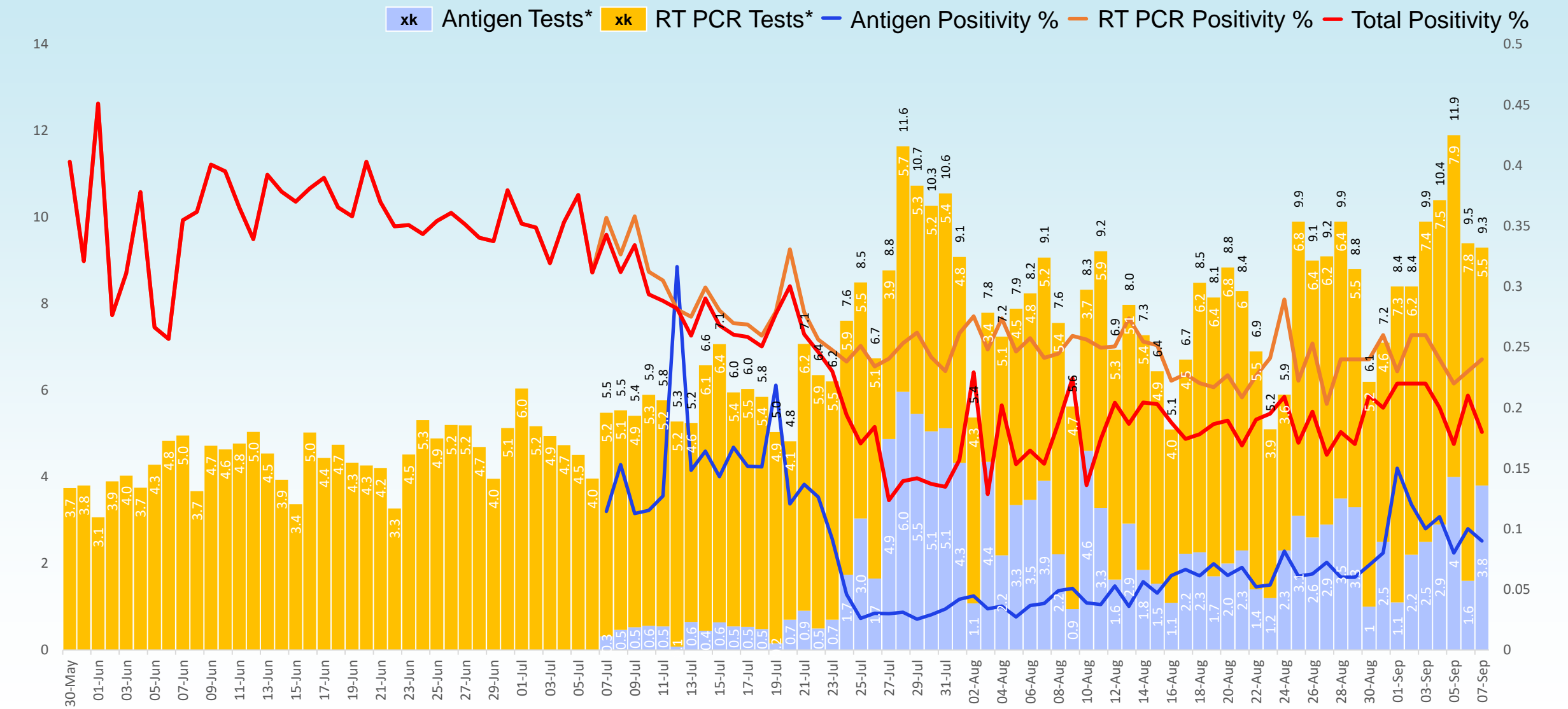
Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 07, 2020



¹Positive samples for the day as a % of total tests for the day;
 Positive Samples include duplicates with ICMR (~12%) 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

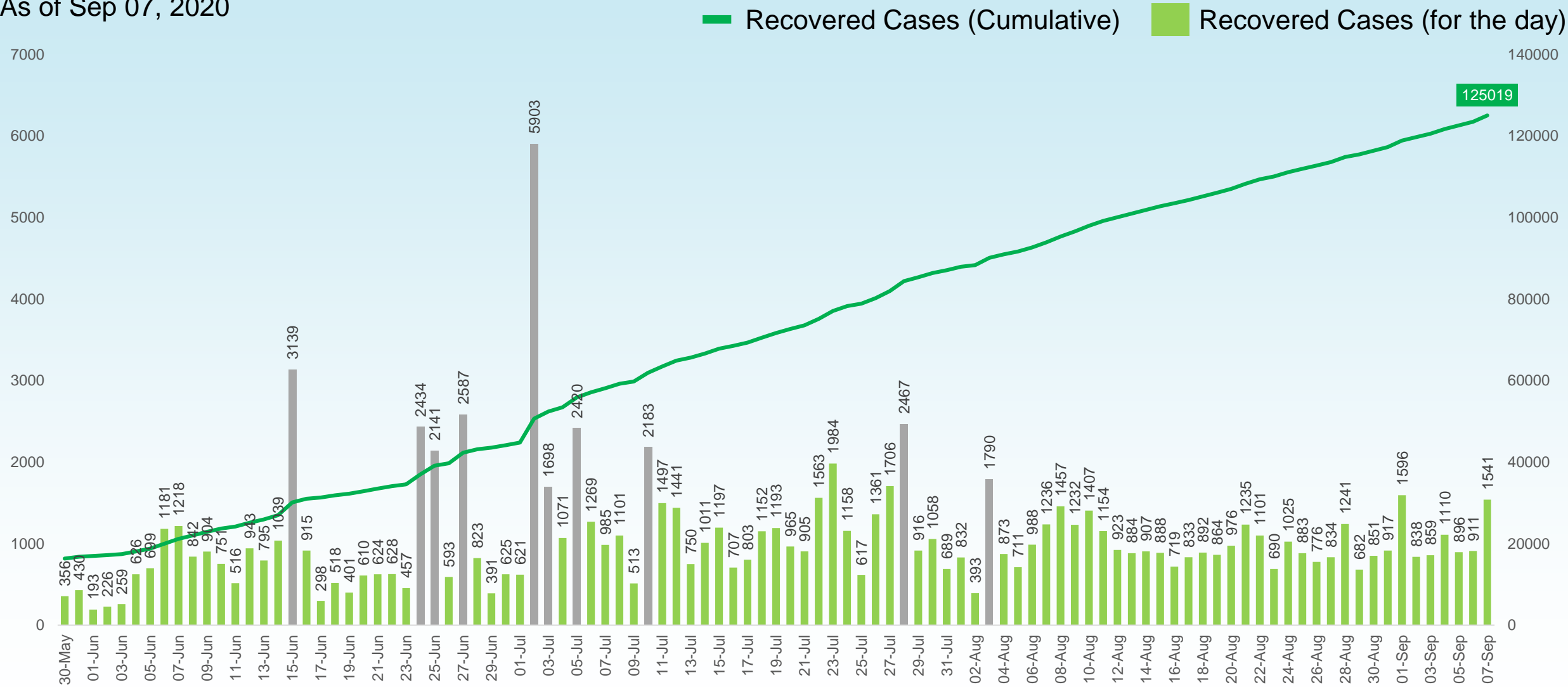


* Data for Antigen tests is available from Jul 07 onwards

*The tests data is in thousands

Trend of Recovered Cases

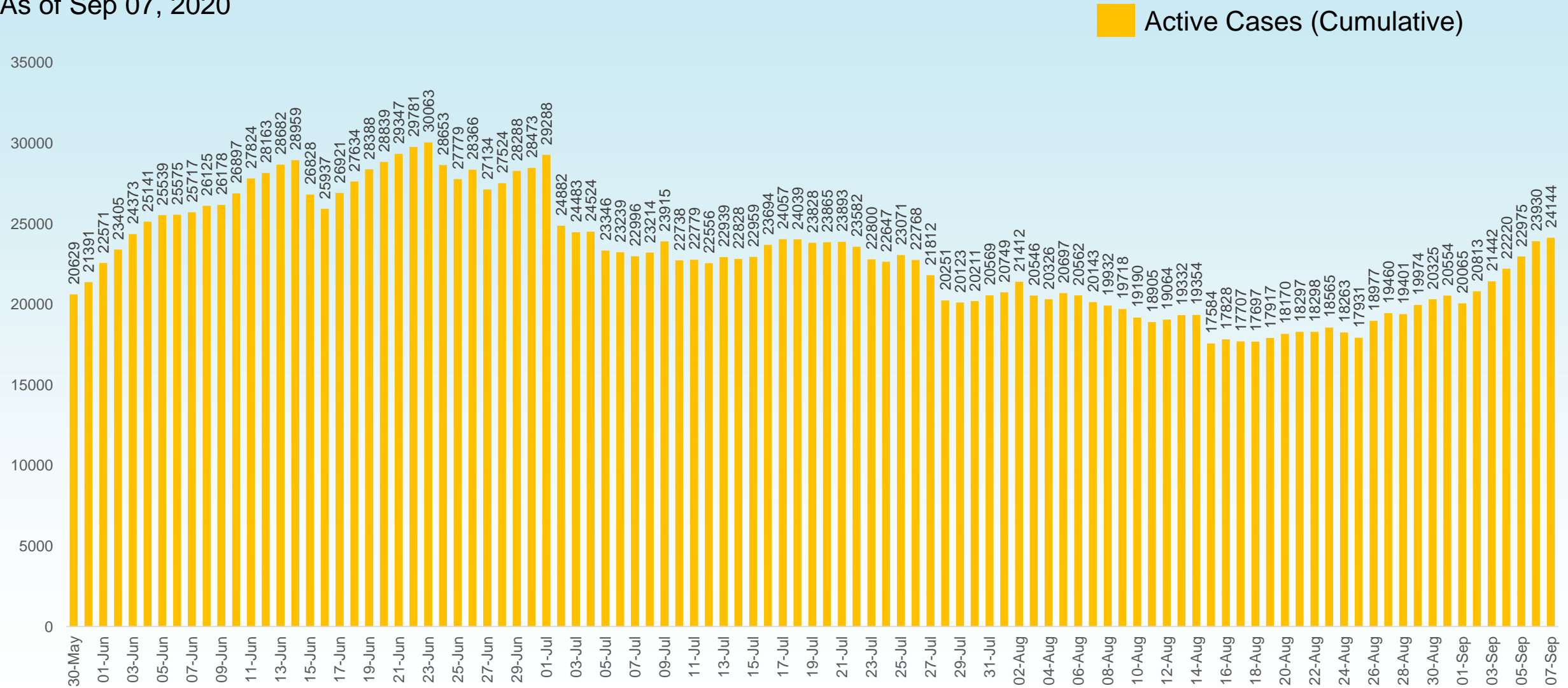
As of Sep 07, 2020



¹Spikes refer to reconciliation and updation for previous days

Trend of Active Cases

As of Sep 07, 2020

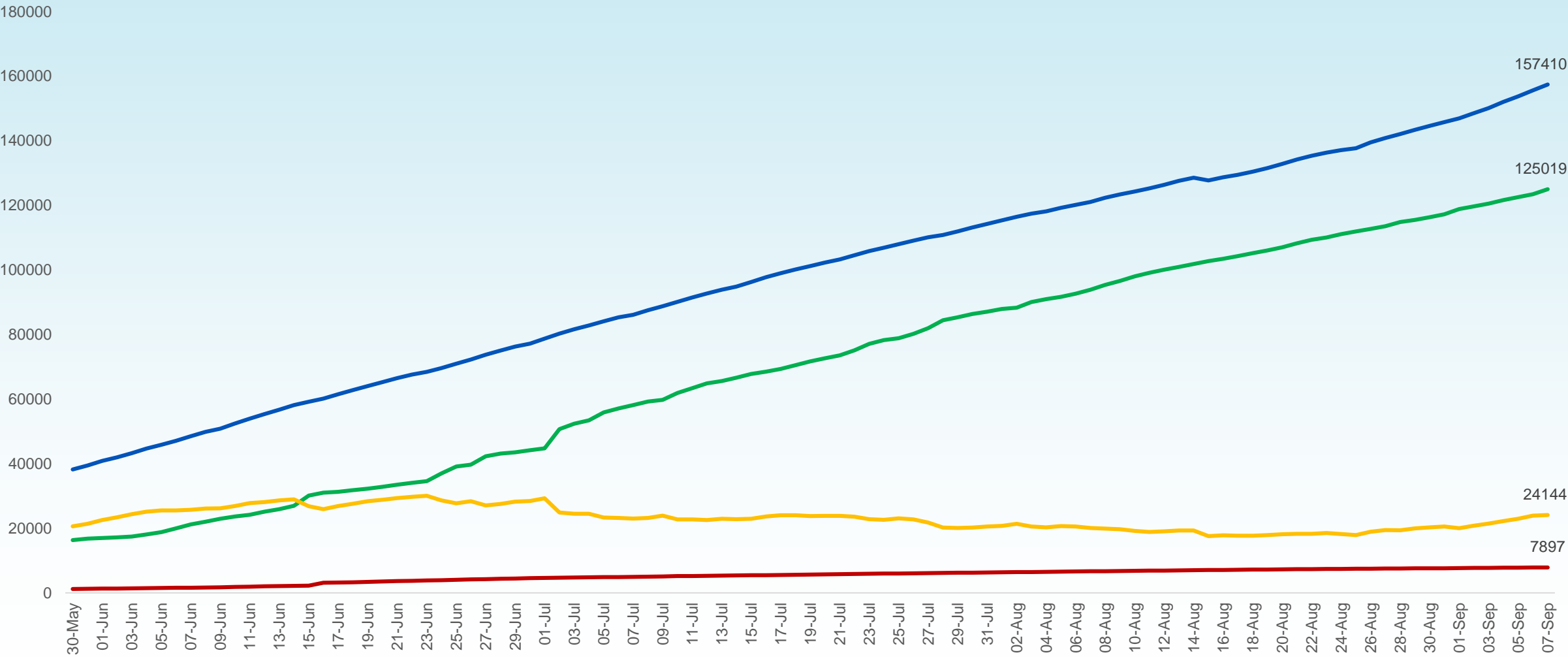




Case summary for Mumbai

As of Sep 07, 2020

Confirmed cases Deaths Recovered cases Active cases





Key Trends

Contact tracing and home quarantine

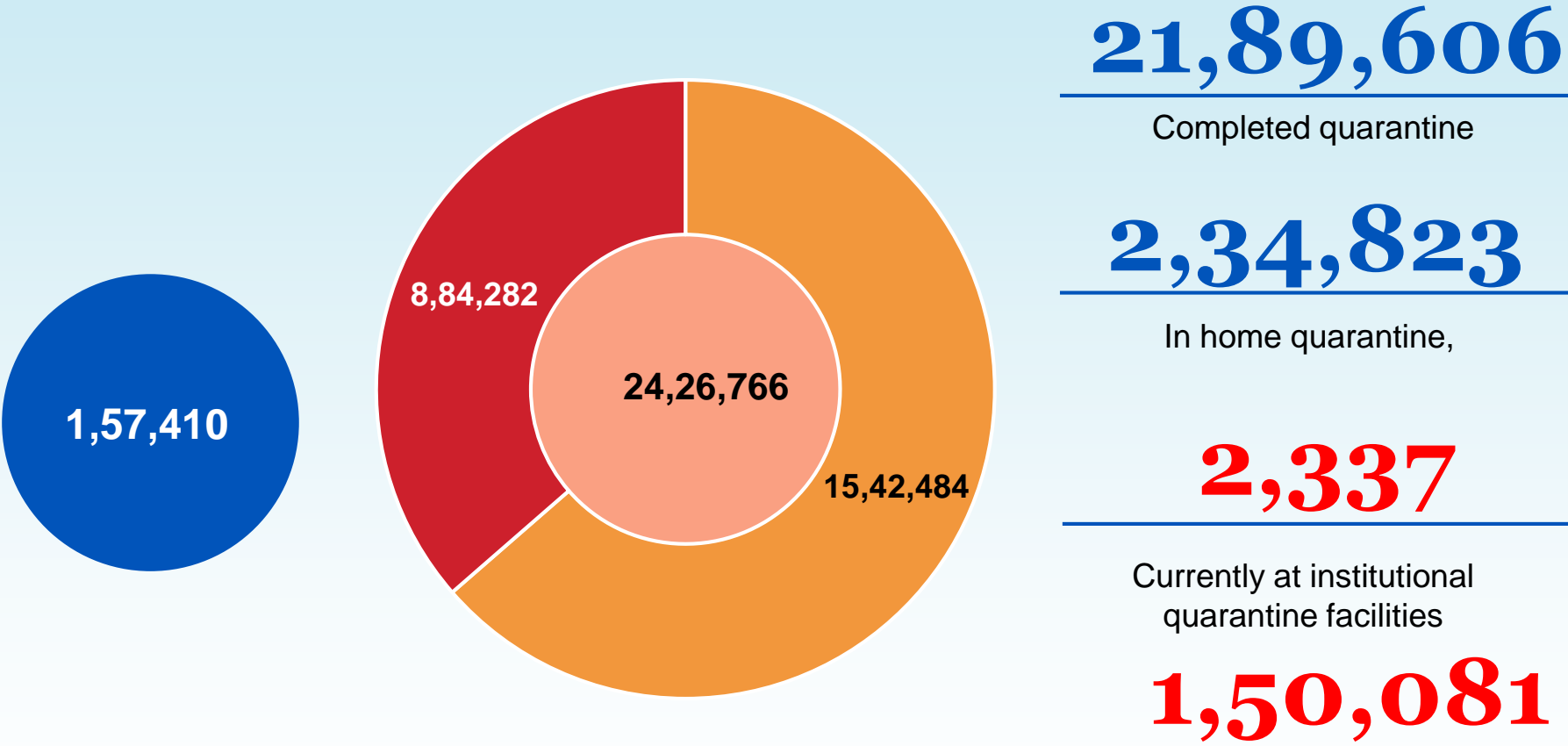
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Update on contact tracing

Summary as of Sep 7, 2020

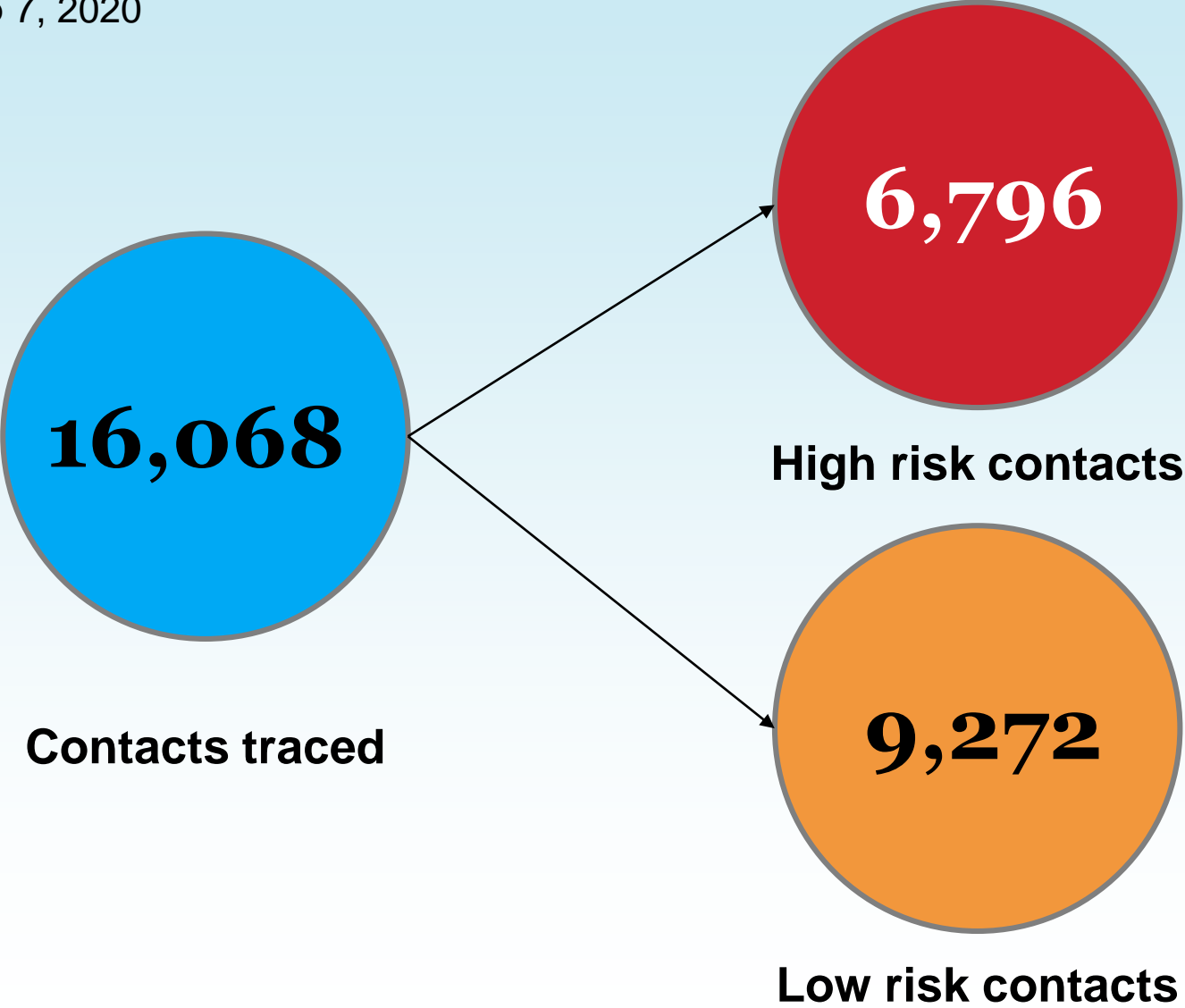


■ Positive patients **Positive patients**
■ Total contacts traced
■ High risk ■ Low risk

Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 7, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Contact tracing report for last 24 hours

Summary as of Sep 7, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 7, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



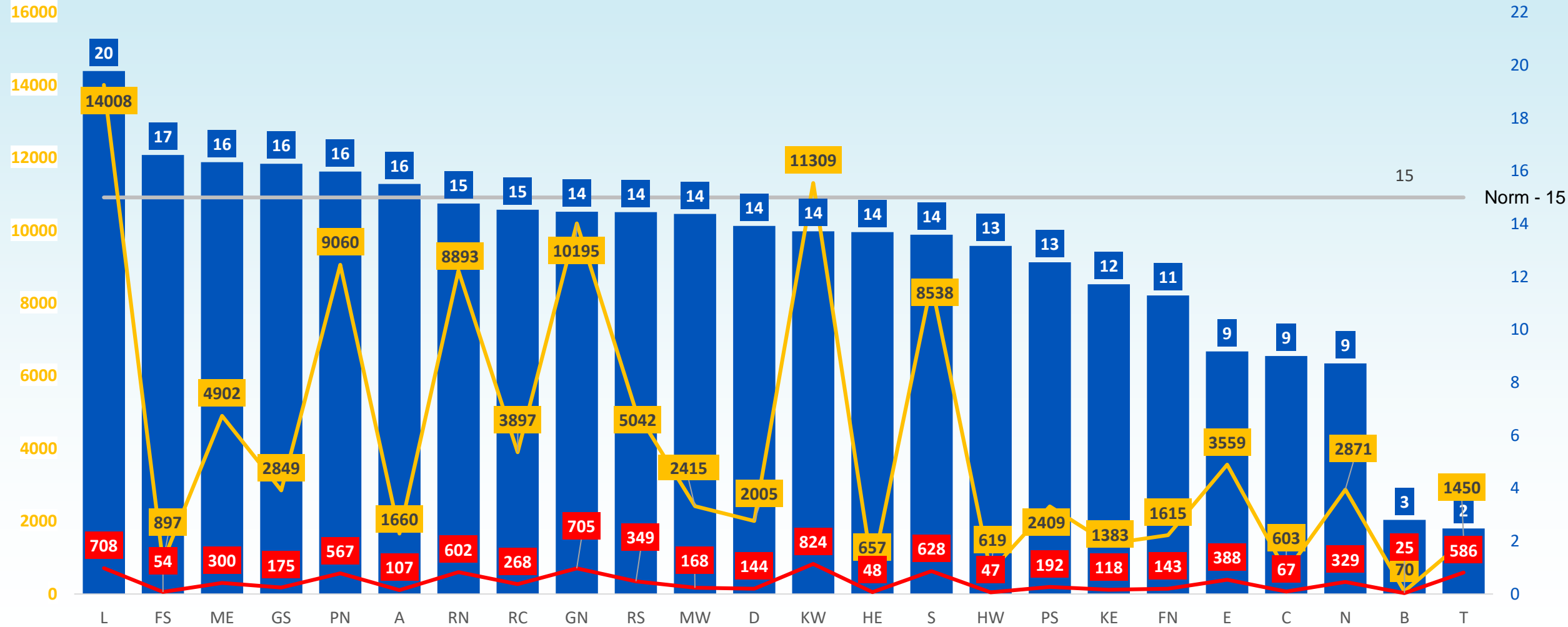
Chase the virus: High Risk Contacts for Index Cases in Slums

As of Sep 07, 2020¹

Positive cases from slums (Not being high risk contacts of earlier cases)⁽¹⁾
Total – 7,542*

No of high risk contacts sent to institutional facilities
Total – 1,00,906*

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



* Data for Ward RN is updated as of Aug 06 and Ward T is updated as of Aug 29

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

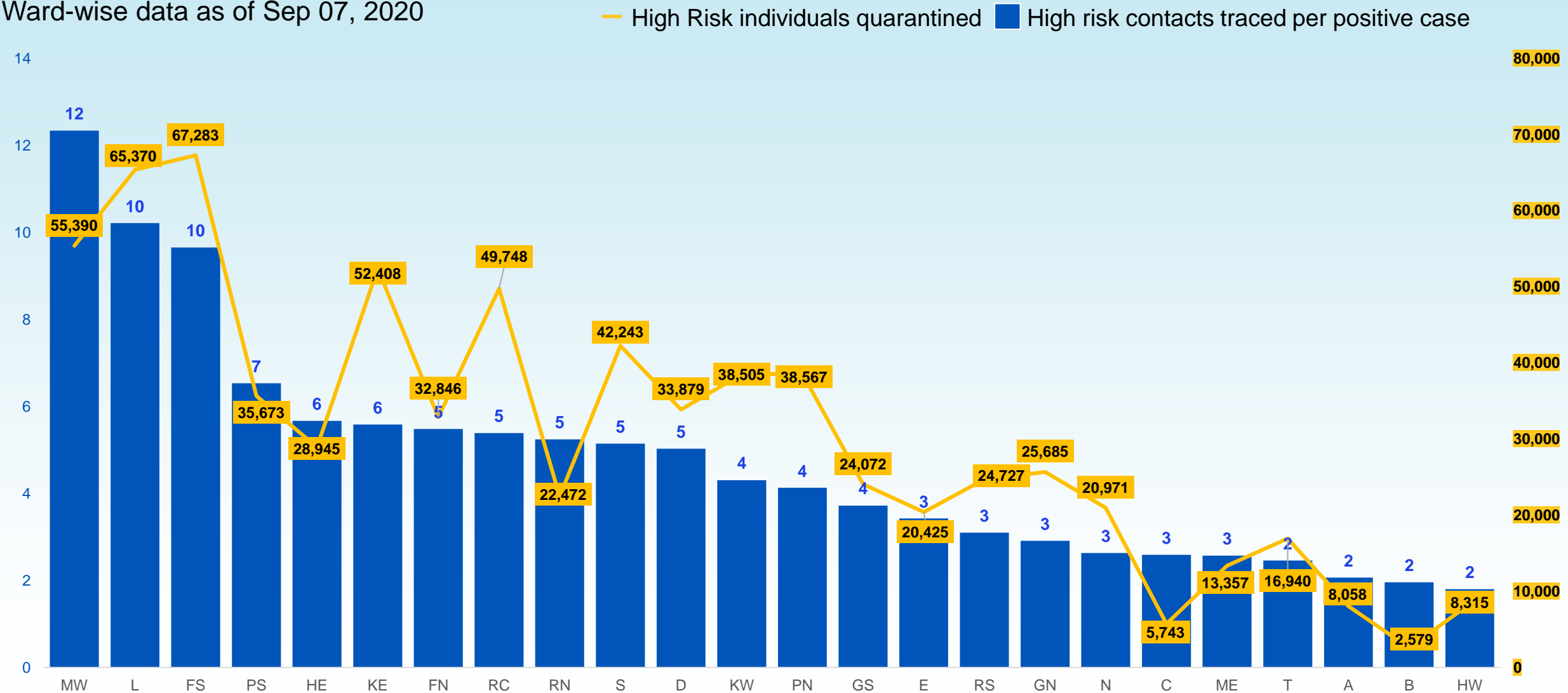
Data subject to change after scrutiny and ongoing verification process

14

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

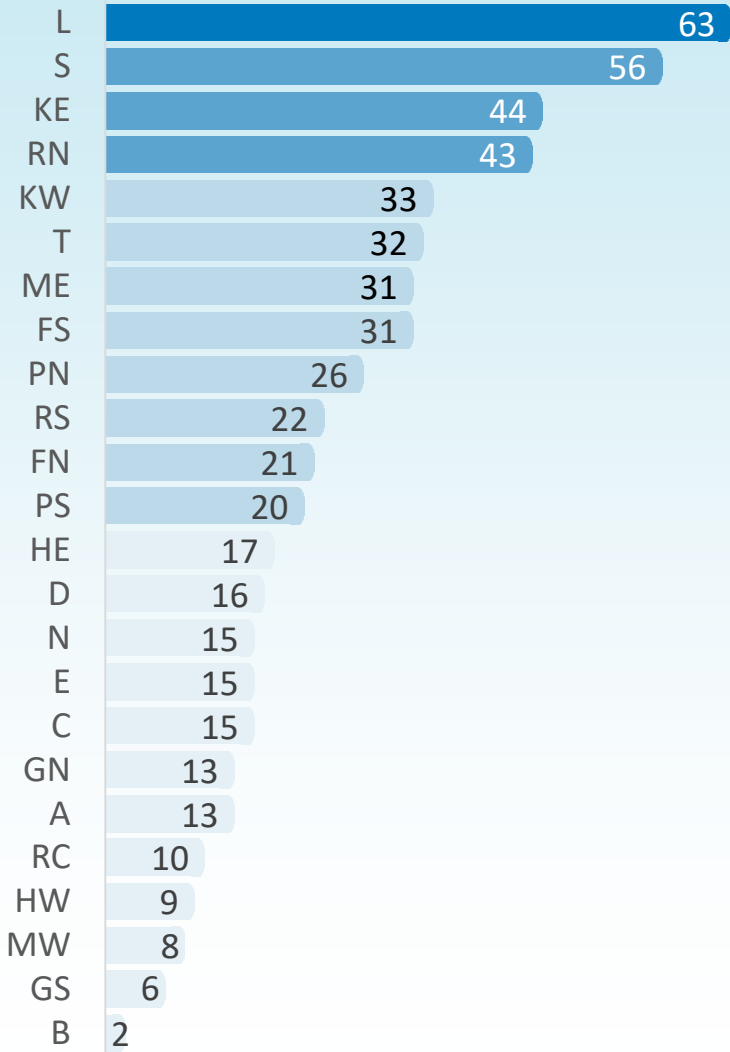
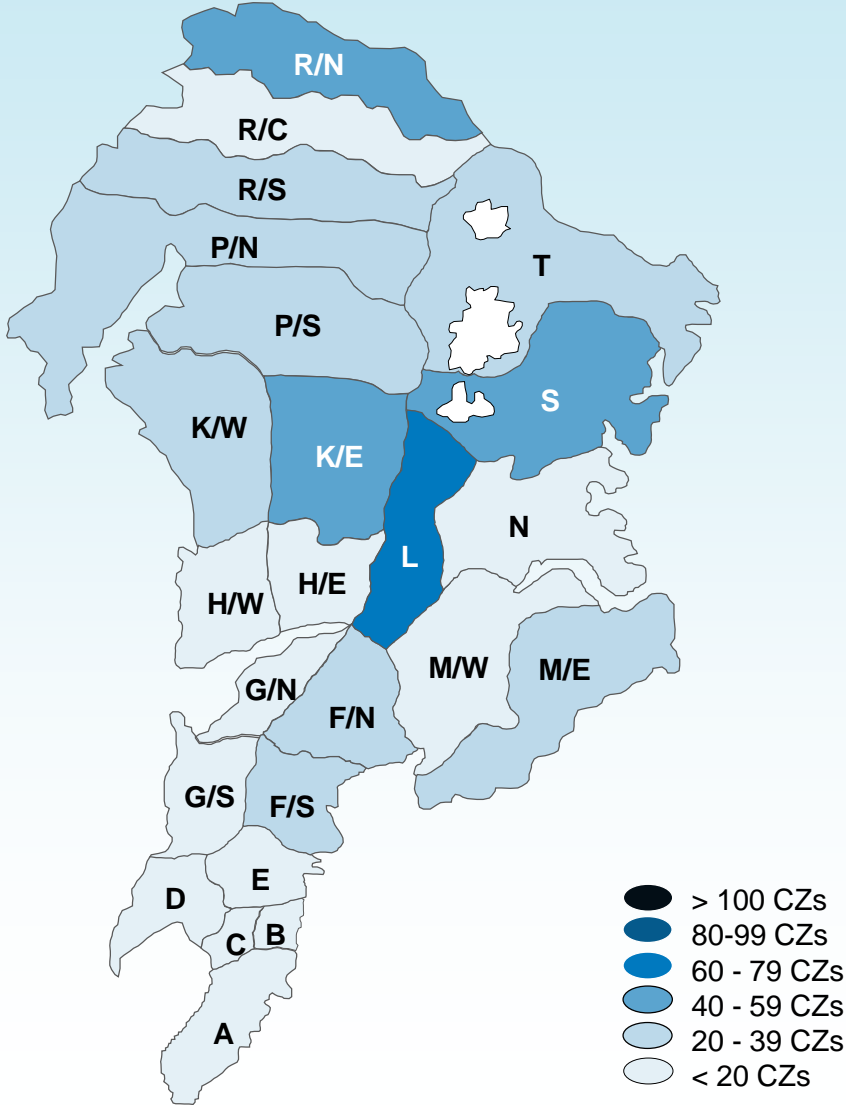


Ward-wise data as of Sep 07, 2020



Ward-wise containment zones – slums and chawls

As of Sep 07, 2020



561 Active Containment Zones

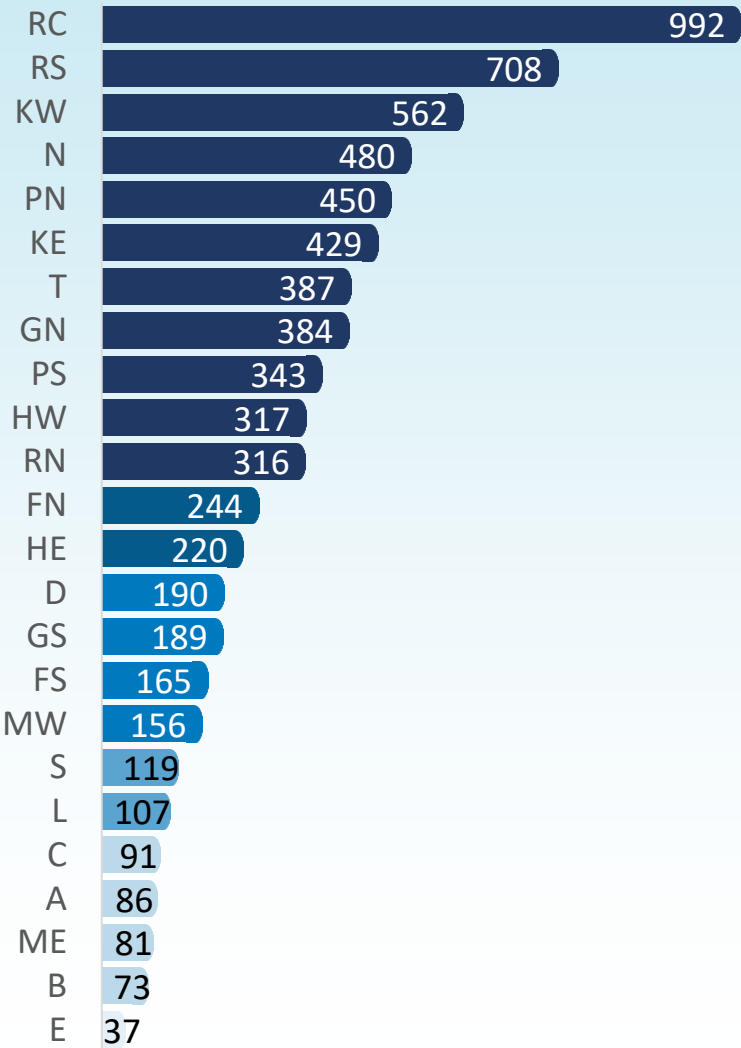
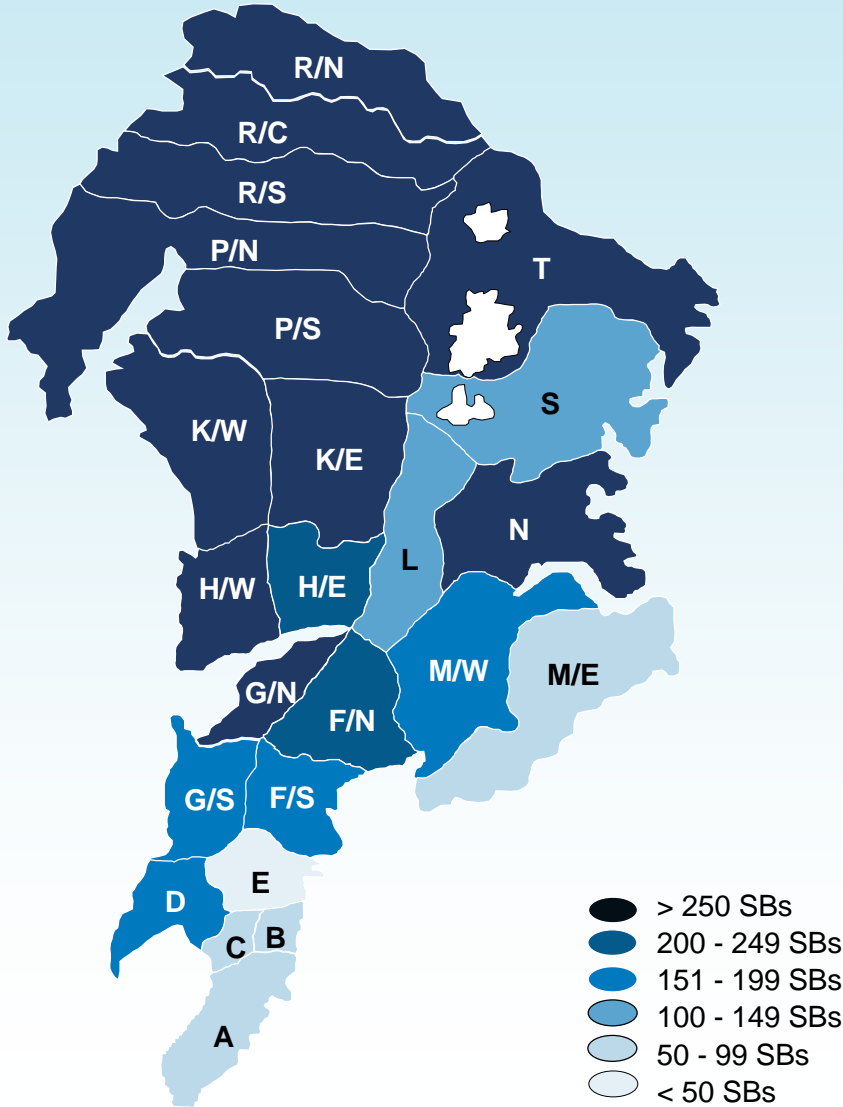
8.3 lacs No. of Households

36.6 lacs Population

986 Released Containment Zones

Ward-wise sealed buildings

As of Sep 07, 2020



7,126 *Active*
 Sealed Buildings

2.3 *lacs*
 No. of Households

8.3 *lacs*
 Population

22,596 *Released*
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

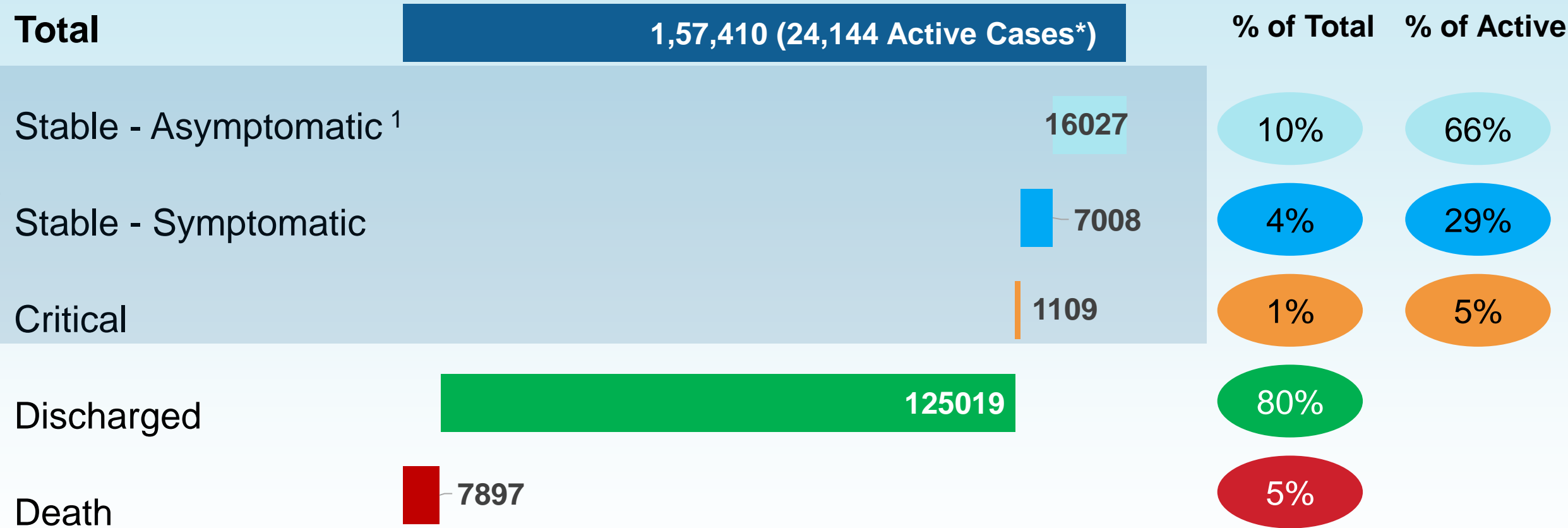
Bed Capacity

Other initiatives



Case summary for Mumbai

As of Sep 07, 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 (7,406 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

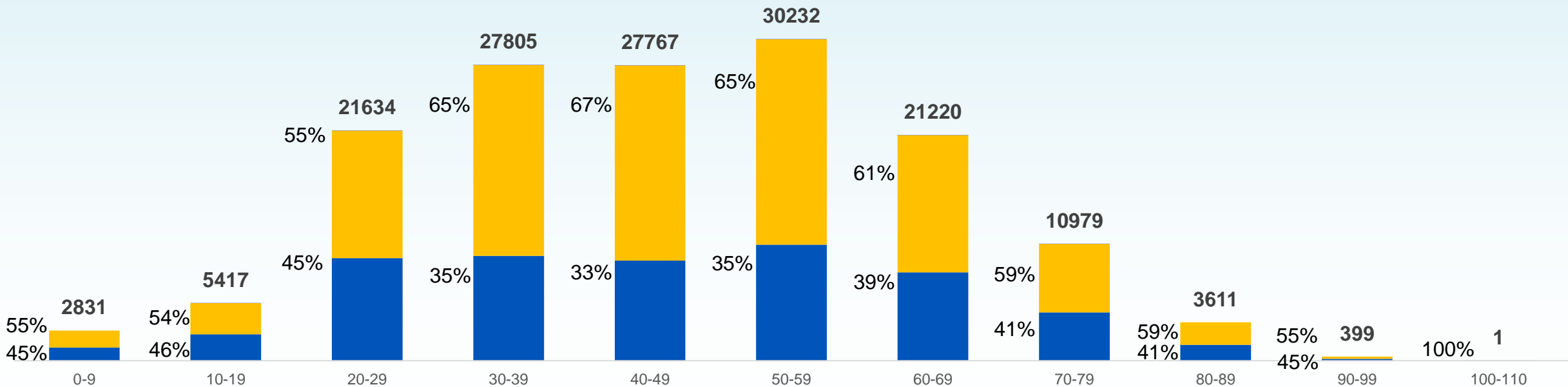
As of Sep 07, 2020¹

Female Male Others
Deaths

Total Positives
1,57,410²

Total Deaths
7,897²

Fatality Rate
5.02%



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

1 Total Age and sex-wise break up is available 1,51,896 cases; age-wise breakup of deaths available for 7,897 cases

2 As on Sep 07

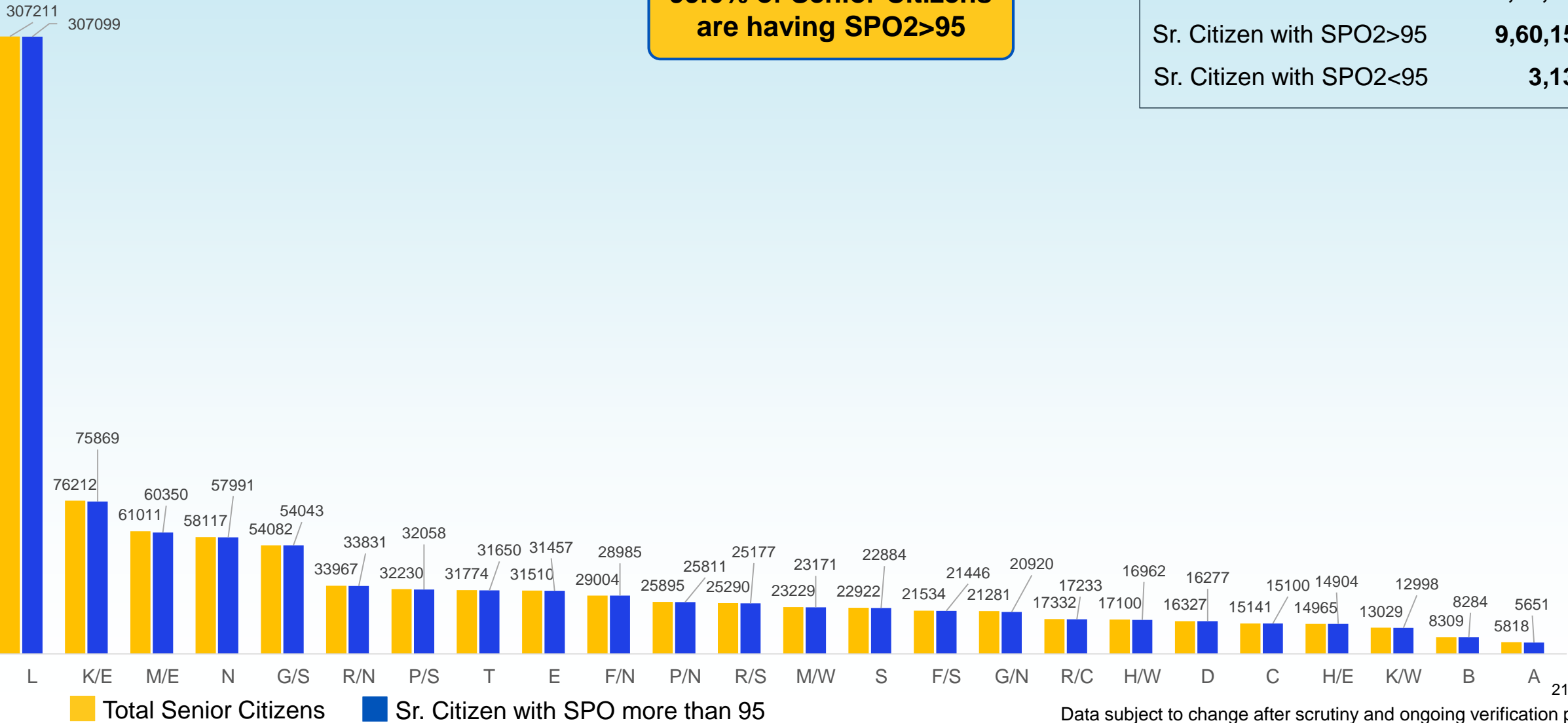


Proactive screening of elderly to protect them and contain mortality

Ward-wise data(progressive) till Sep 7, 2020

99.6% of Senior Citizens are having SPO2>95

Population Screened till date	1,77,30,198
Total Senior Citizens till date	9,63,290
Sr. Citizen with SPO2>95	9,60,151
Sr. Citizen with SPO2<95	3,139



Proactive screening of elderly to protect them and contain mortality

Ward-wise data for Sep 7, 2020

Wards	Total No. of Houses Surveyed	Population Covered	Total No. of Senior Citizens	Sr Citizen SPO2>95	* Sr Citizen SPO2<95
Total (Daily)	31,029	122,945	4,681	4,678	3
R/S	3,157	12,149	147	145	2
M/E	616	2,549	214	213	1
A	0	0	0	0	0
B	369	1,739	27	27	0
C	243	1,063	24	24	0
D	405	1,622	128	128	0
E	1,856	9,551	306	306	0
F/S	1,374	5,360	221	221	0
F/N	0	0	0	0	0
G/S	3,446	17,367	289	289	0
G/N	0	0	0	0	0
H/E	542	2,110	80	80	0
H/W	263	848	56	56	0
K/E	3,119	9,384	568	568	0
K/W	551	2,112	45	45	0
P/S	1,369	4,704	128	128	0
P/N	2,298	9,199	173	173	0
R/C	367	1,258	39	39	0
R/N	4,620	15,284	149	149	0
L	4,038	17,024	1,807	1,807	0
M/W	1,054	4,221	155	155	0
N	0	0	0	0	0
S	1,342	5,401	125	125	0
T	0	0	0	0	0

Summary till date

1,77,30,198*

Total Population covered till date

9,63,290

Senior Citizens covered till date

9,60,151

Senior Citizens with SPO2>95
till date

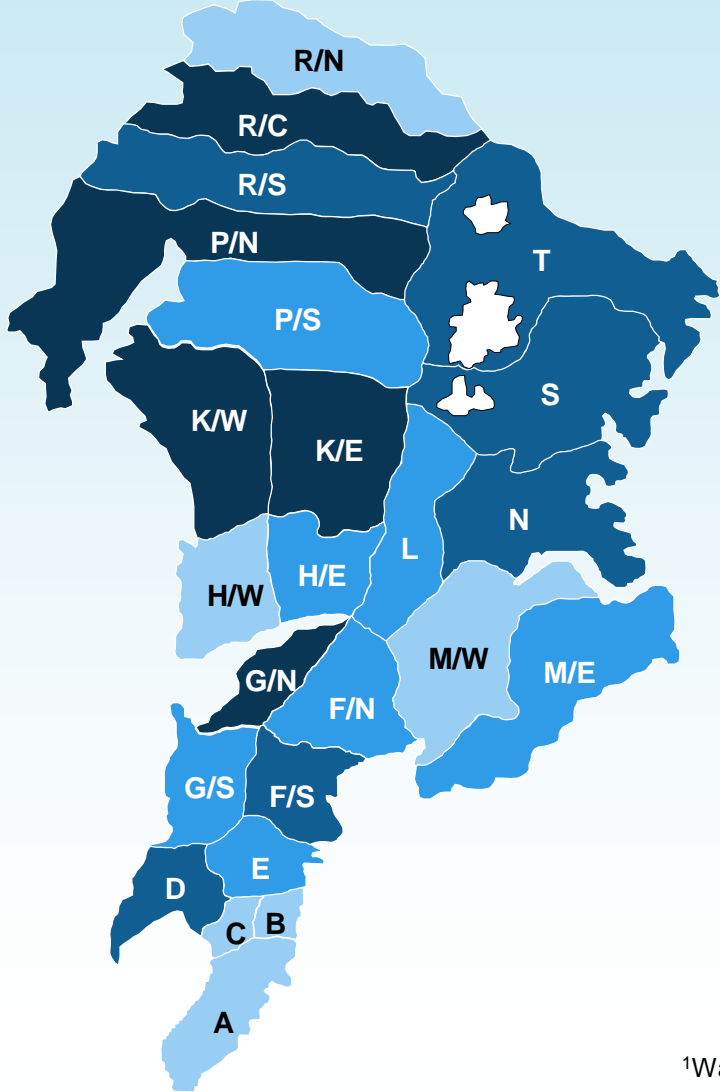
3,139

Senior Citizens with SPO2<95
till date



Ward-wise breakdown of positive cases

As of Sep 07, 2020



KE	9386	7749	548	1089
PN	9340	7912	365	1063
RC	9230	7110	295	1825
KW	8943	7159	340	1444
GN	8817	7228	512	1077
S	8207	6713	481	1013
N	7975	6404	421	1150
RS	7975	6226	246	1503
FS	6968	5850	381	737
T	6894	5556	178	1160
D	6738	5548	254	936
GS	6470	5437	419	614
L	6401	5337	464	600
FN	5991	4868	324	799
E	5963	4977	306	680
PS	5459	4315	249	895
ME	5200	4379	319	502
HE	5105	4158	358	589
HW	4619	3871	203	545
MW	4488	3730	307	451
RN	4287	3315	159	813
A	3902	3370	73	459
C	2219	1853	108	258
B	1318	1073	95	150
Total		124138	7405	20352

- >=8501 cases
- 6501 – 8500 cases
- 5001 – 6500 cases
- 0 – 5000 cases

- Discharged²
- Deaths³
- Active

Total Positives
1,57,410¹

Total Active
20,352¹

Active = Positive – Discharges – Death

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

¹Ward-wise breakup is available for 1,51,895 cases (20,352 Active), Total

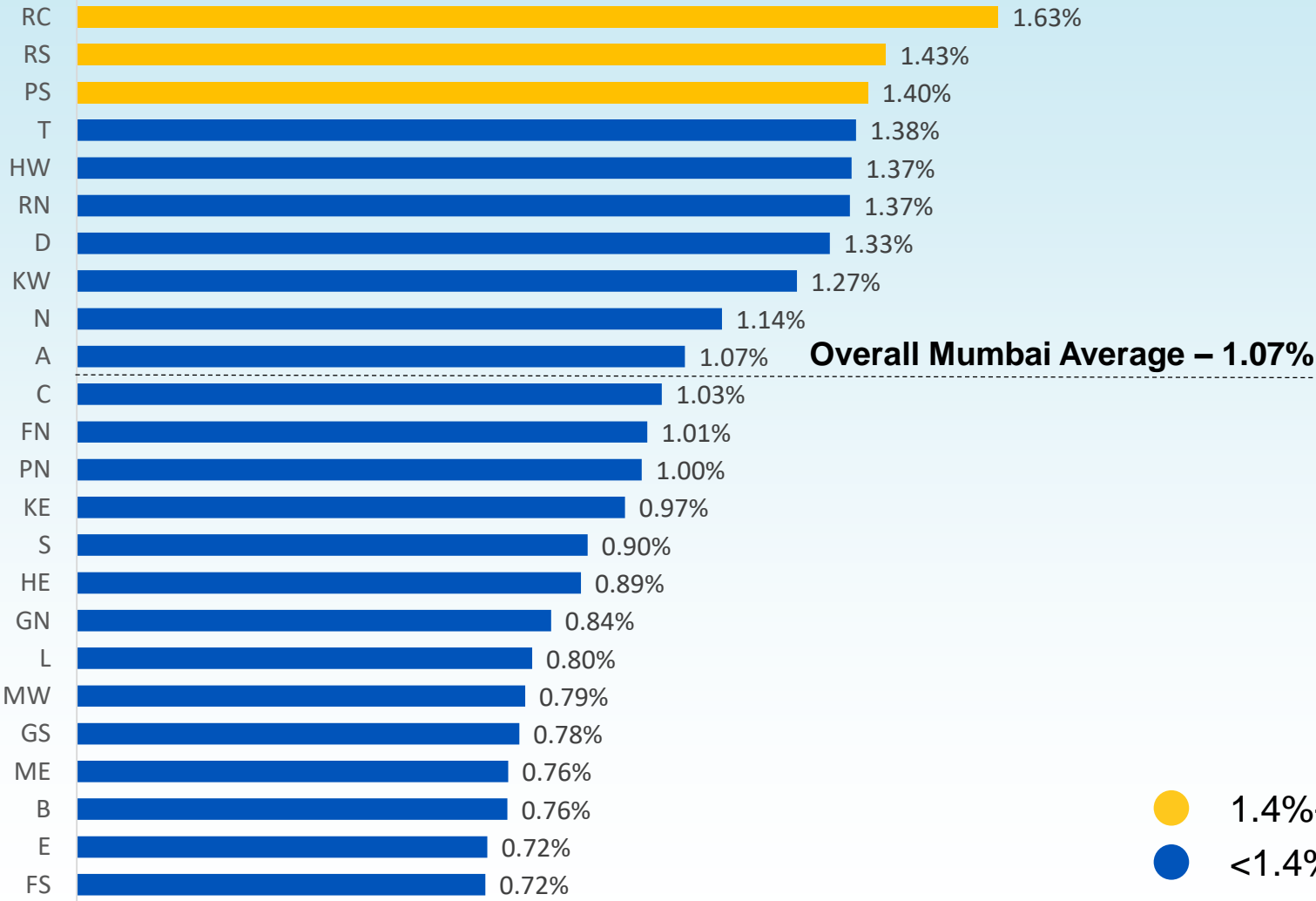
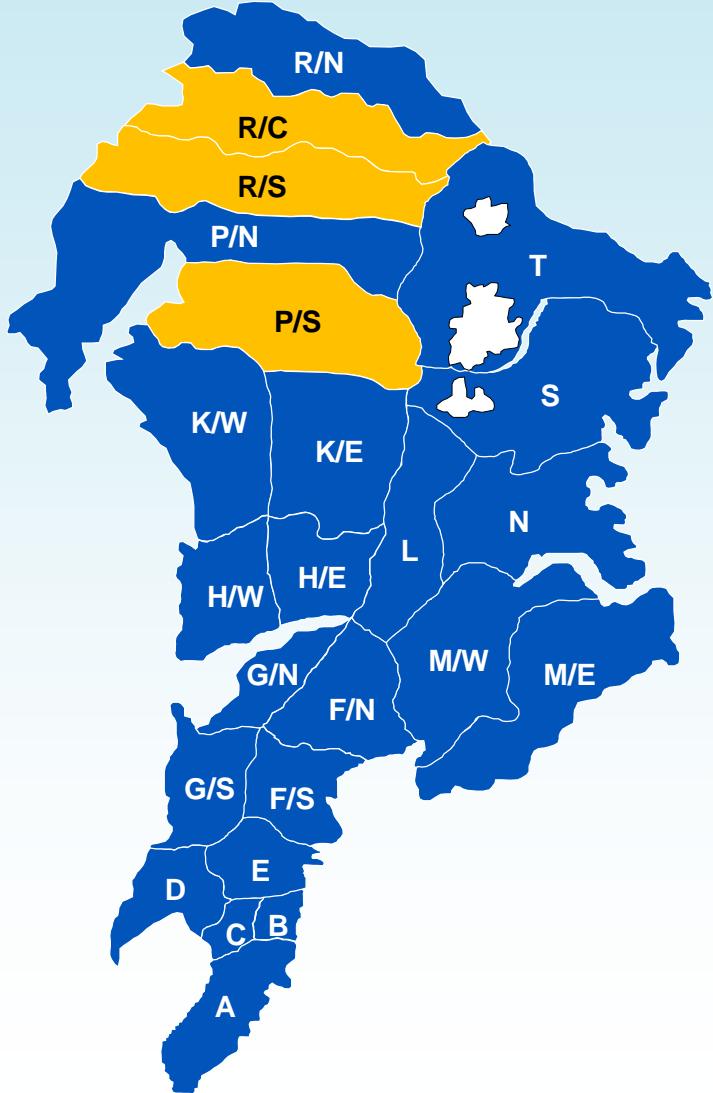
²Discharges as on Sep 07, Available for 1,24,138 cases,

³Deaths as on Sep 07, Available for 7,405 cases

Ward wise reconciliation for Discharged, Deaths and Active is on going ²³
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 07, 2020



Ward-wise new cases

Positive cases for the last 7 days till Sep 07, 2020¹

Date of report	RC	RS	PS	HW	RN	T	D	KW	N	A	C	FN	PN	KE	S	HE	GN	L	MW	GS	ME	B	E	FS	Grand Total
Area>>>	Borivali	Kandivali	Goregaon	Bandra	Dahisar	Mulund	Grant Road	Andheri W	Ghatkopar	Colaba	Marine Lines	Matunga	Malad	Andheri E	Bhandup	Khar	Dadar	Kurla	Chembur W	Elphinstone	Chembur E	Sandhurst Road	Byculla	Parel	
As on 31st Aug	8244	7221	4954	4200	3899	6265	6143	8186	7367	3621	2065	5585	8713	8774	7707	4798	8317	6052	4247	6127	4931	1250	5669	6626	140961
01-Sep	113	94	36	25	39	61	71	61	58	20	28	38	65	28	68	28	48	23	37	30	31	2	32	27	1063
02-Sep	117	106	47	77	37	94	100	108	68	35	15	48	90	95	69	37	94	58	34	60	52	5	40	61	1547
03-Sep	159	92	58	65	58	67	73	120	84	27	17	60	70	90	53	33	62	45	22	36	30	14	38	42	1415
04-Sep	183	114	92	66	92	106	100	101	85	70	18	53	123	101	77	36	74	54	31	65	44	14	50	70	1819
05-Sep	129	114	86	48	54	111	83	118	119	39	32	69	85	99	98	48	82	47	43	29	32	5	45	54	1669
06-Sep	160	113	95	71	68	89	105	134	91	50	27	80	103	123	66	48	71	64	37	59	40	15	51	47	1807
07-Sep	125	121	91	67	40	101	63	115	103	40	17	58	91	76	69	77	69	58	37	64	40	13	38	41	1614
As on 07th Sep	9230	7975	5459	4619	4287	6894	6738	8943	7975	3902	2219	5991	9340	9386	8207	5105	8817	6401	4488	6470	5200	1318	5963	6968	151895
Days to double	43	49	50	51	51	51	52	55	61	65	67	69	70	72	77	78	83	87	88	89	91	92	96	96	65

Wards <= 50 days to double

- Ward RC
- Ward PS
- Ward RS

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 07, 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

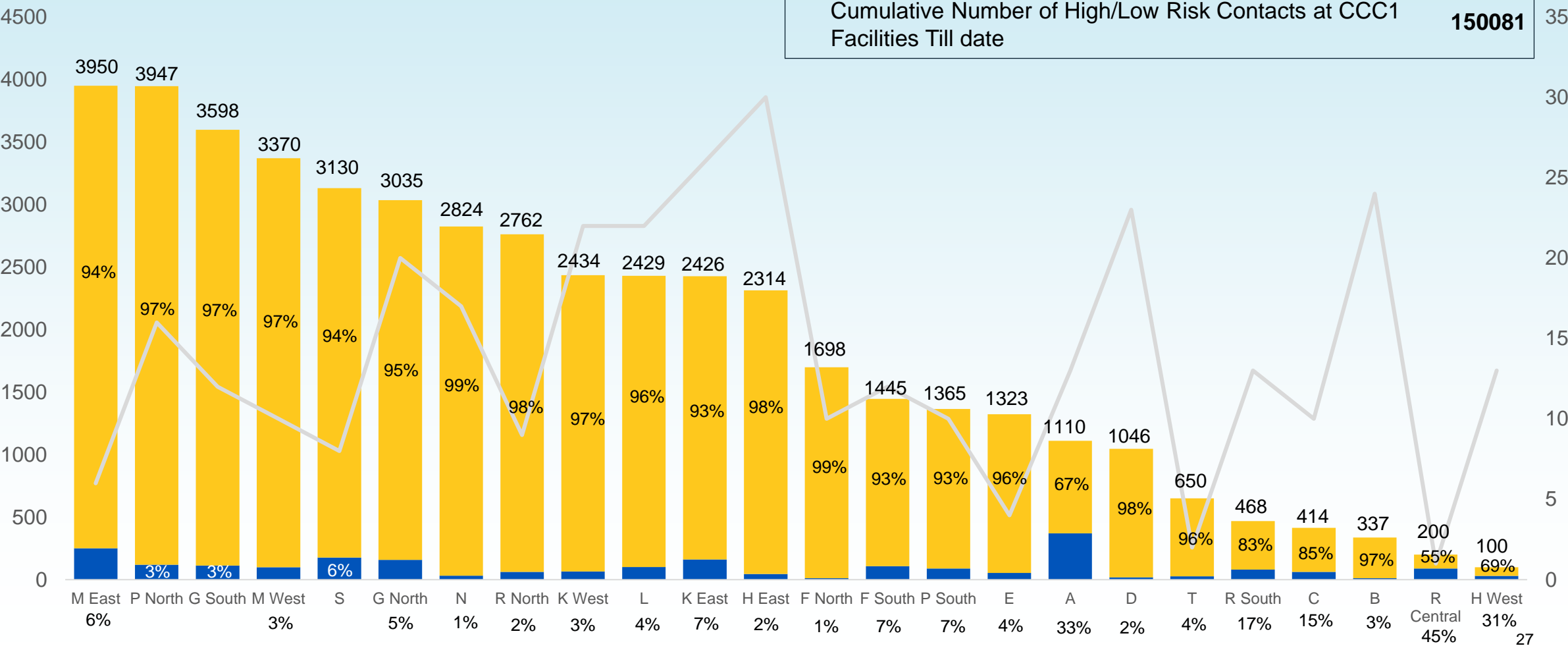
Other initiatives



Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 07, 2020

No. of CCC1 Facilities identified for High/Low Risk Contacts	333
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2337
Available capacity	44038
Total Capacity	46375
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	150081



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

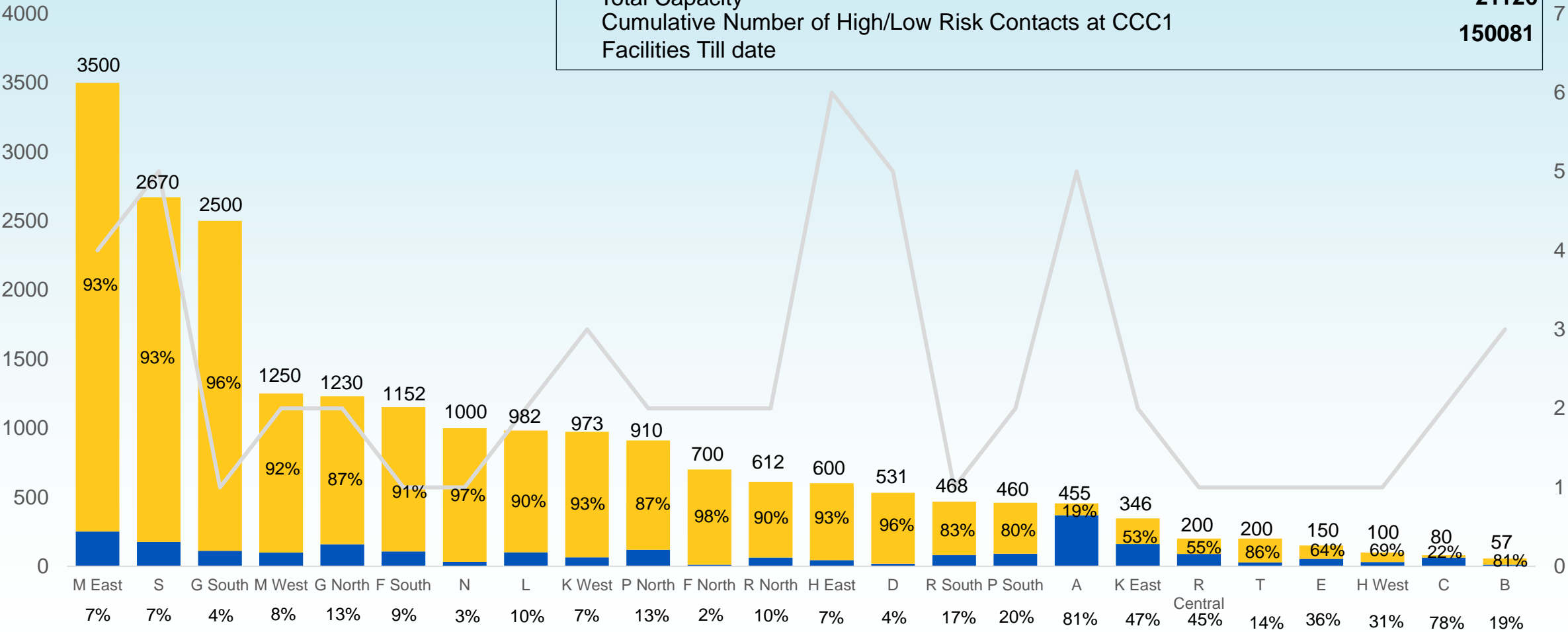
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 07, 2020

No. of ACTIVE and BUFFER CCC1 Facilities identified for High/Low Risk Contacts	57
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2337
Available capacity	18789
Total Capacity	21126
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	150081

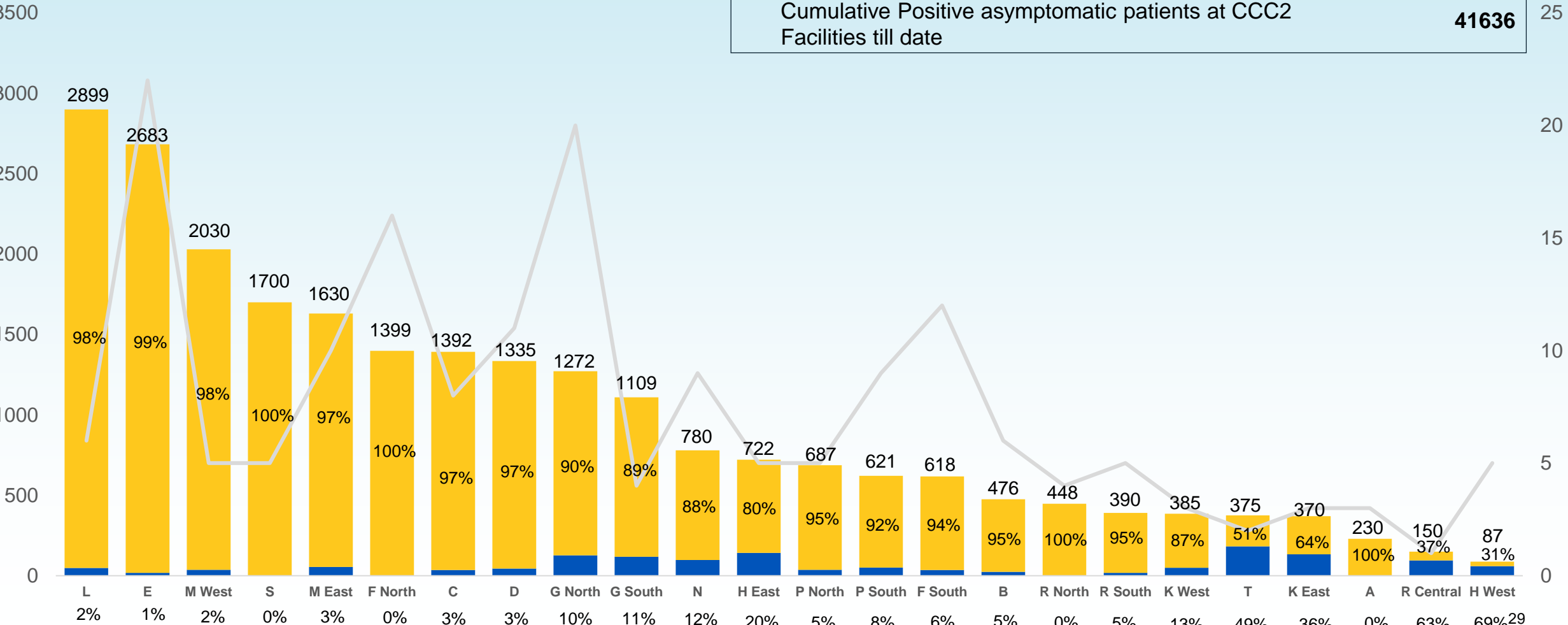




Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 07, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	179
Number of positive asymptomatic patients shifted to CCC2 Facilities	1413
Available capacity	22375
Total Capacity	23788
Cumulative Positive asymptomatic patients at CCC2 Facilities till date	41636



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

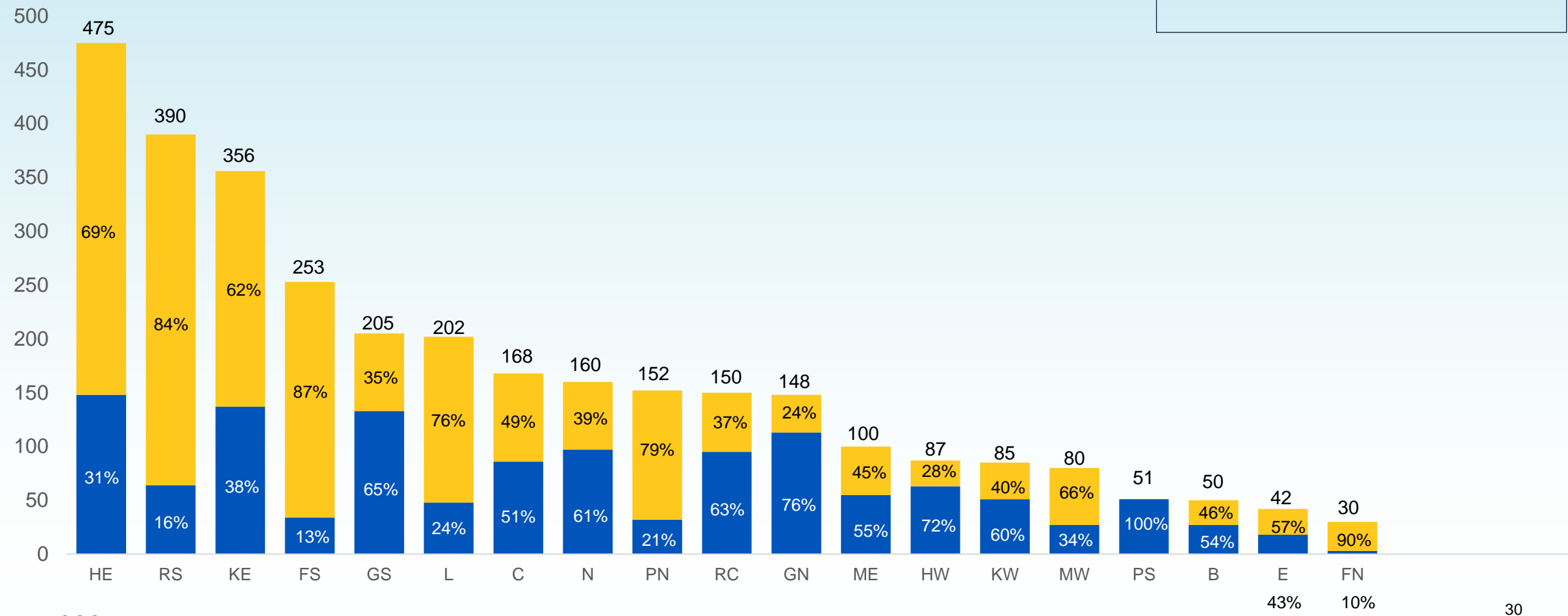
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 07, 2020

Beds occupied	1282
Available capacity	1902
Total capacity	3184
Cumulative patients till date	35972



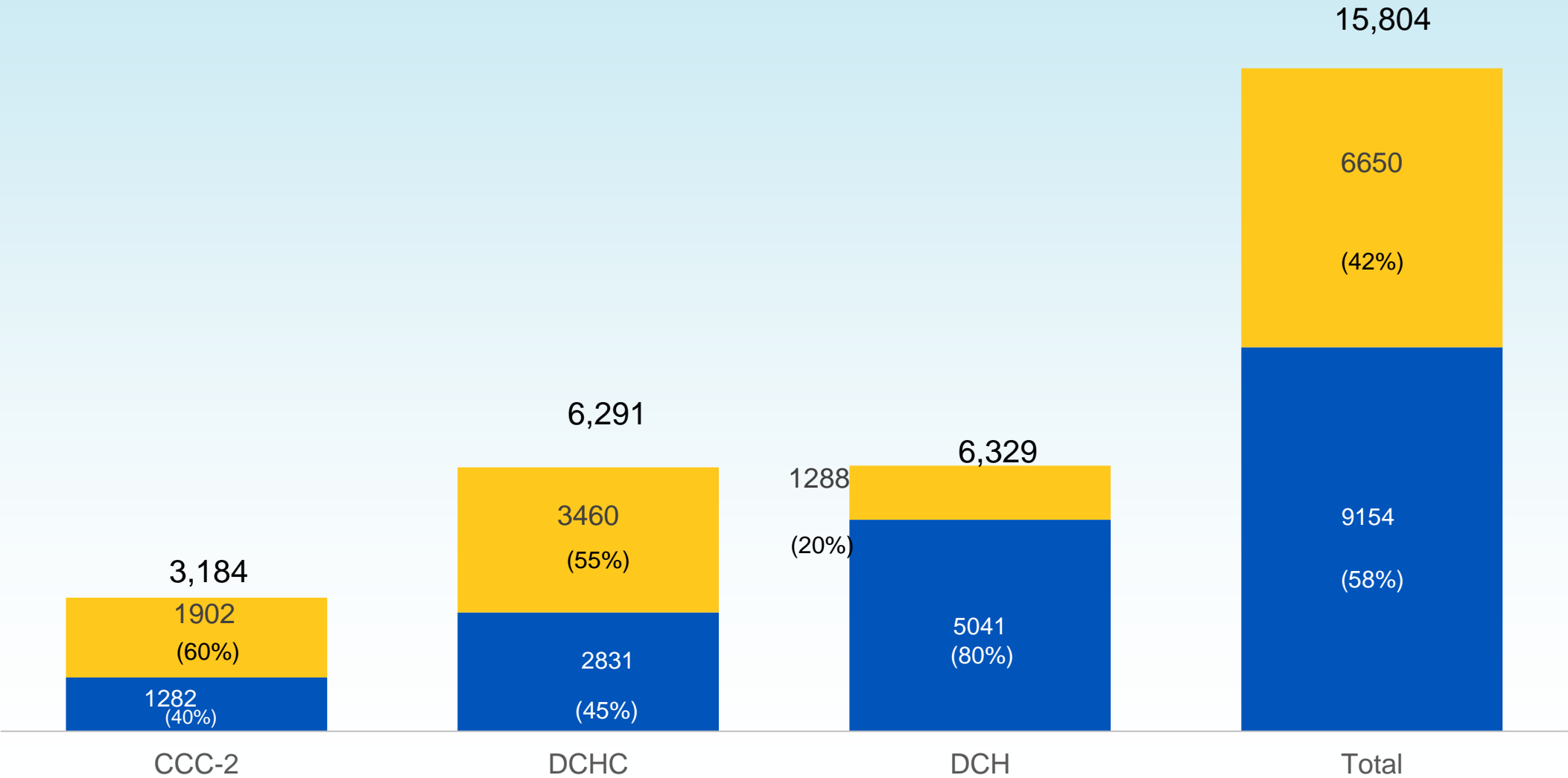
Source: "CCC2 line list"

Data subject to change after scrutiny and ongoing verification process

Summary of total bed capacity

As of Sep 7, 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 8, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
Total	12,620	7,872	4,748
ICU Beds	1,413	1,276	137
Regular	1,369	1,246	123
Modular	10	9	1
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	11,207	6,596	4,611
Quarantine for Suspect	949	562	387
Isolation for Positives	9,842	5,843	3,999
Pregnancy	237	72	165
Others (Cancer + Dialysis)	179	119	60
<i>O2 Beds*</i>	7,827	4,735	3,092
<i>Ventilators*</i>	938	856	82

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 8, 2020 , Subject to change

			COVID Beds				
			Total	ICU Beds	Normal Beds	O2 Beds*	Ventilators*
Capacity	Total		12,620	1,413	11,207	7,827	938
	Public	Hospitals	4,531	642	3,889	2,589	517
		Jumbo	5,765	244	5,521	3,777	146
	Pvt	Hospitals	2,324	527	1,797	1,461	275
Occupancy	Total		7,872	1,276	6,596	4,735	856
	Public	Hospitals	3,357	595	2,762	2,071	483
		Jumbo	2,496	183	2,313	1,410	108
	Pvt	Hospitals	2,019	498	1,521	1,254	265
Vacancy	Total		4,748	137	4,611	3,092	82
	Public	Hospitals	1,174	47	1,127	518	34
		Jumbo	3,269	61	3,208	2,367	38
	Pvt	Hospitals	305	29	276	207	10

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



Key Trends

Contact tracing and home quarantine

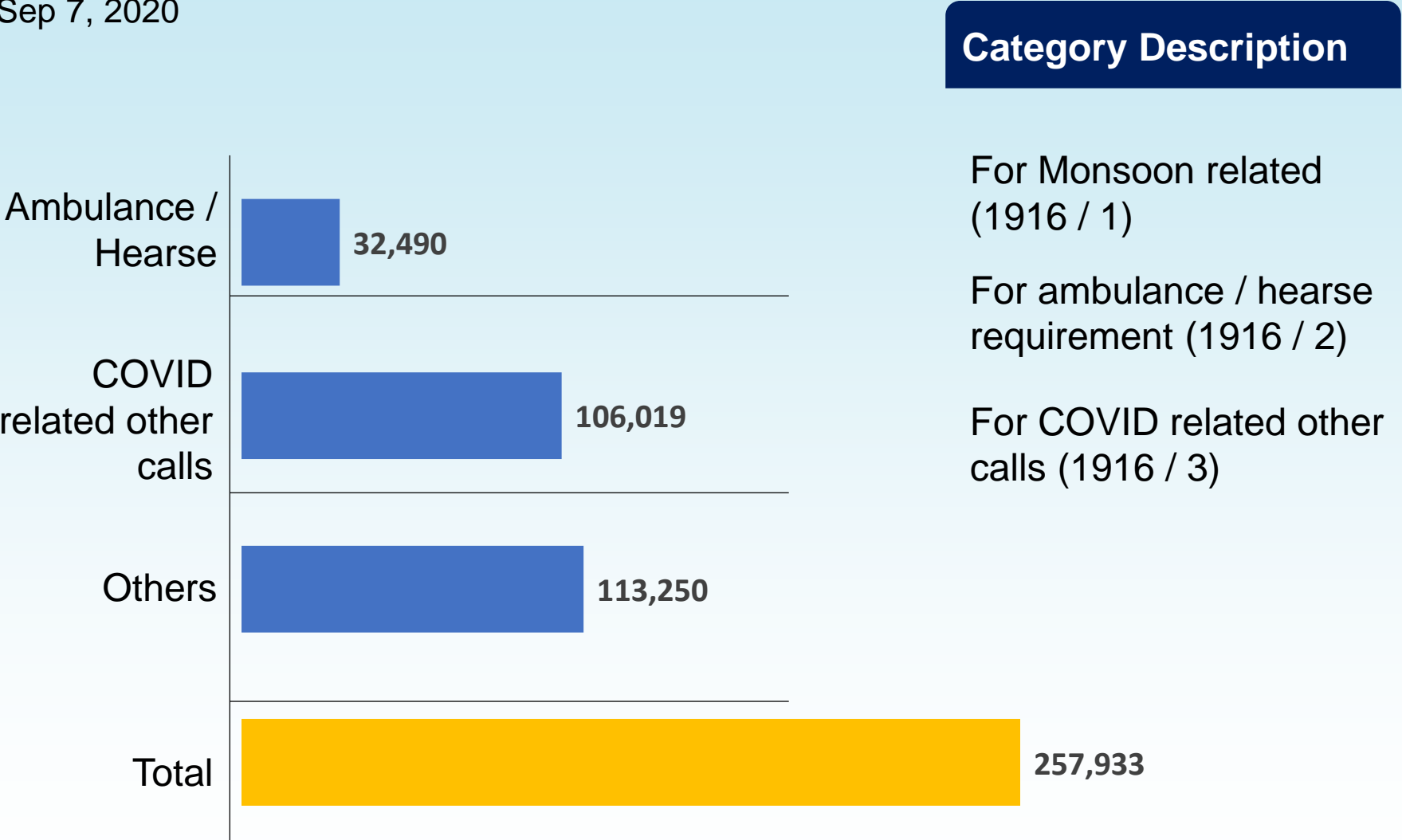
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Call Center update

For all calls received from April 24 to Sep 7, 2020



Management of Waste from Quarantined Areas

September 3, 2020



Waste Collected (in Kgs)

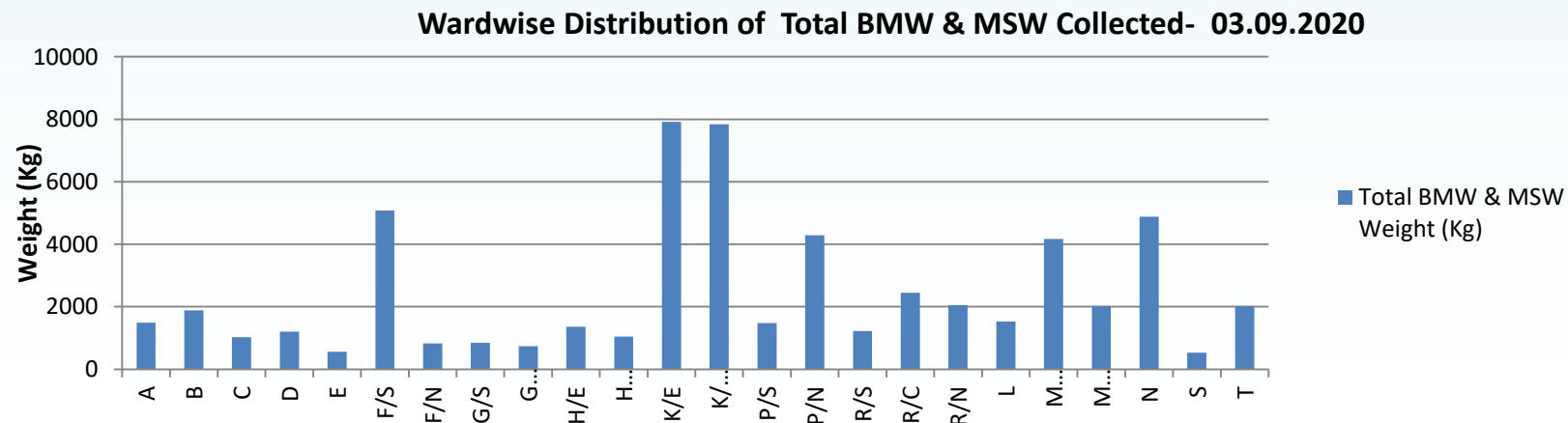
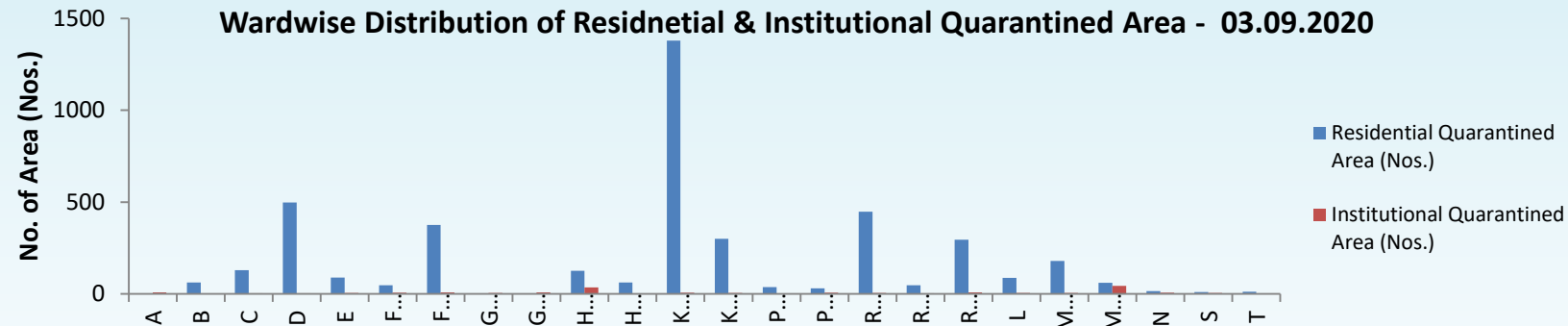
COVID BMW (in Kgs)
11,325

MCGM Quarantine BMW (in Kgs)
2,058

Total BMW (in Kgs):
13,383.0

Total MSW Collected by MCGM from Quarantined Area (in Kgs):
56,230.0

Total MSW & BMW Collected by MCGM from Quarantined Area(in Kgs): **69,613**



Thank you

