

BMC Covid-19 Response War Room Dashboard

Sep 04, 2020



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Mumbai COVID19 status at a glance

As of Sep 03, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 01:00 PM, Sep 04, 2020)		CCC1 Facilities			Contact Tracing	Past 24hrs	Cumulative	
Total Positive	1,50,095	Bed Capacity	15,465	Facilities (#)	Bed Capacity	Occupancy	Total Traced	13,397	23,54,158	
		Occupied	8,252				High Risk	5,463	8,54,386	
Discharged	1,20,561	Available	7,213	Total	333	48,300	2,256	Low Risk	7,934	14,99,772
		DCH & DCHC Bed Capacity	12,313	Active	44	19,044	2,256	Total Quarantine Completed		21,44,621
Deaths	7,761	Occupied	7,228	Buffer	16	2,198	-	Currently in Home Quarantine		2,07,281
Deaths with Age > 50yrs – 6,489)		Available	5,085	Reserve*	273	27,058	-	Others		
Total Active	21,442	ICU Bed Capacity	1,397	CCC2 Facilities			Senior Citizens Screened till date	9,33,015		
Stable – Asymptomatic	14,006	Occupied	1,257	Facilities (#)	Bed Capacity	Occupancy	Senior Citizens with SPO2 > 95	9,29,894		
Stable - Symptomatic	6,274	Available	140				Total	175	23,537	1,409
Critical	1,162			Active	26	4,724	1,409	Active Sealed Buildings		6,796
Tests Done (till date)	8,02,647	Ventilator Bed Capacity	929	Buffer	13	2,474	-	Calls Centre Calls Flow		2,53,123
% of Positive (till date)	18.70	Occupied	855	Reserve*	136	16,339	-			
		Available	74							

Ward wise positive cases

Wards	RC	HW	RS	RN	C	D	PS	T	KW	PN	N	FN	A	GN	KE	ME	S	MW	GS	FS	B	HE	E	L	Overall
Positive Cases	8633	4367	7513	4033	2125	6387	5095	6487	8475	8938	7577	5731	3703	8521	8987	5044	7897	4340	6253	6756	1271	4896	5779	6178	Mumbai
Days to double	48	50	57	60	64	66	66	66	67	72	77	82	83	93	93	100	100	101	104	105	106	111	114	117	77

1 Ward-wise break up is as on Sep 03, 2020, available for 1,44,986 cases

Data subject to change after scrutiny and ongoing verification process



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

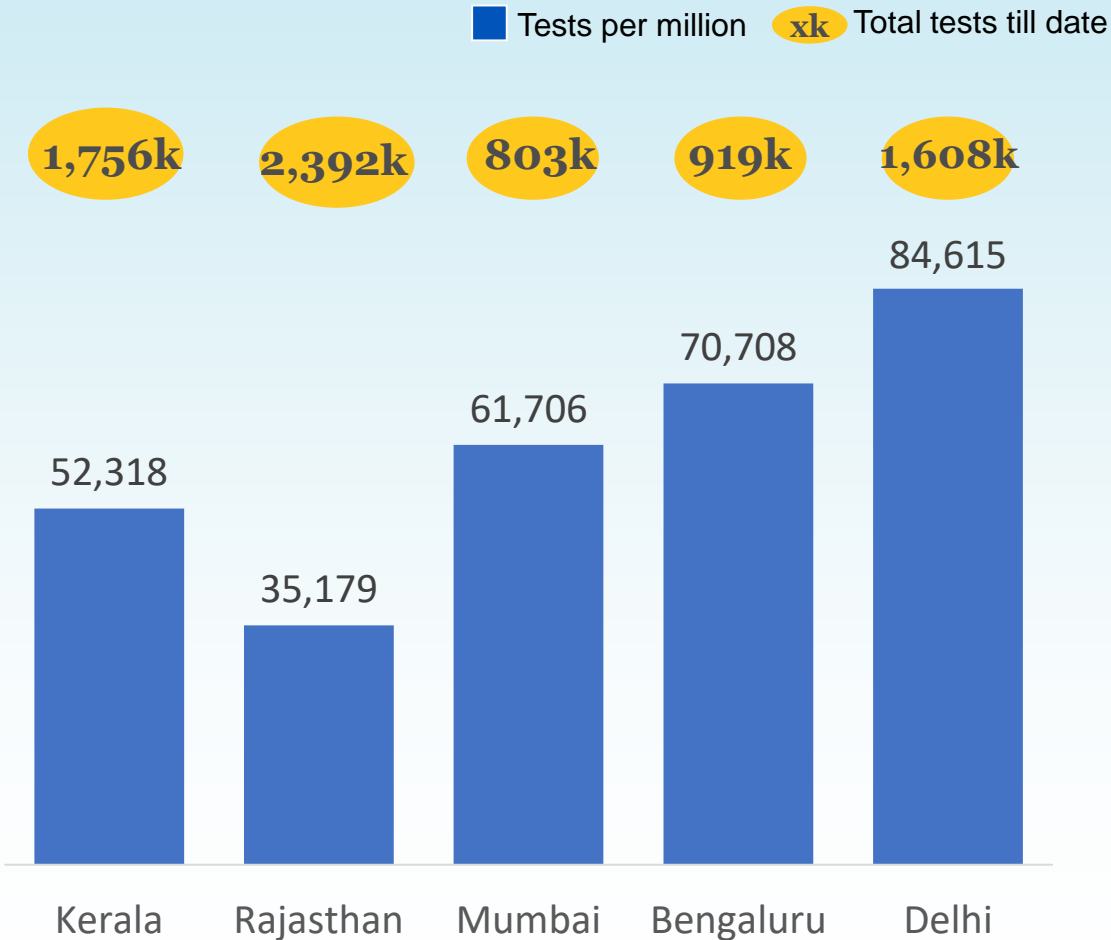
Bed Capacity

Other initiatives

Tests/ million data for COVID-19

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

Tests per million



Source: Government COVID bulletins as of Sep 3 2020

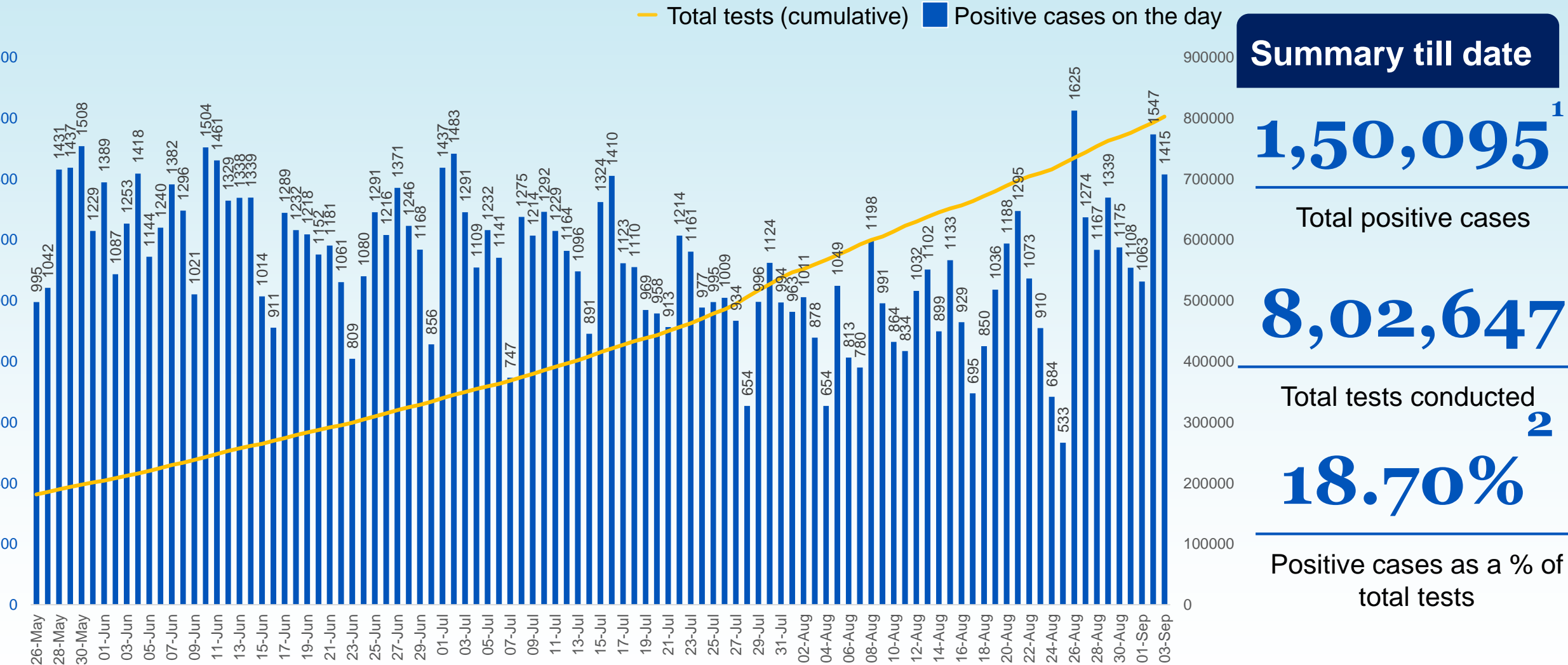
* Data as of Sep 2 2020

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

State	Cases	Tests	Tests per million
Bengaluru*	1,35,512	9,19,200	70,708
Mumbai	1,50,095	8,02,647	61,706
Delhi*	1,77,060	16,07,685	84,615
West Bengal	1,71,681	20,20,784	22,397
Gujarat	1,00,213	25,58,344	41,264
Kerala	79,625	17,55,568	52,318
Maharashtra*	8,25,739	43,82,985	35,473
Rajasthan	86,227	23,92,144	35,179
Tamil Nadu	4,45,851	50,47,042	1,51,164

Trend of positive cases vis-à-vis total tests

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



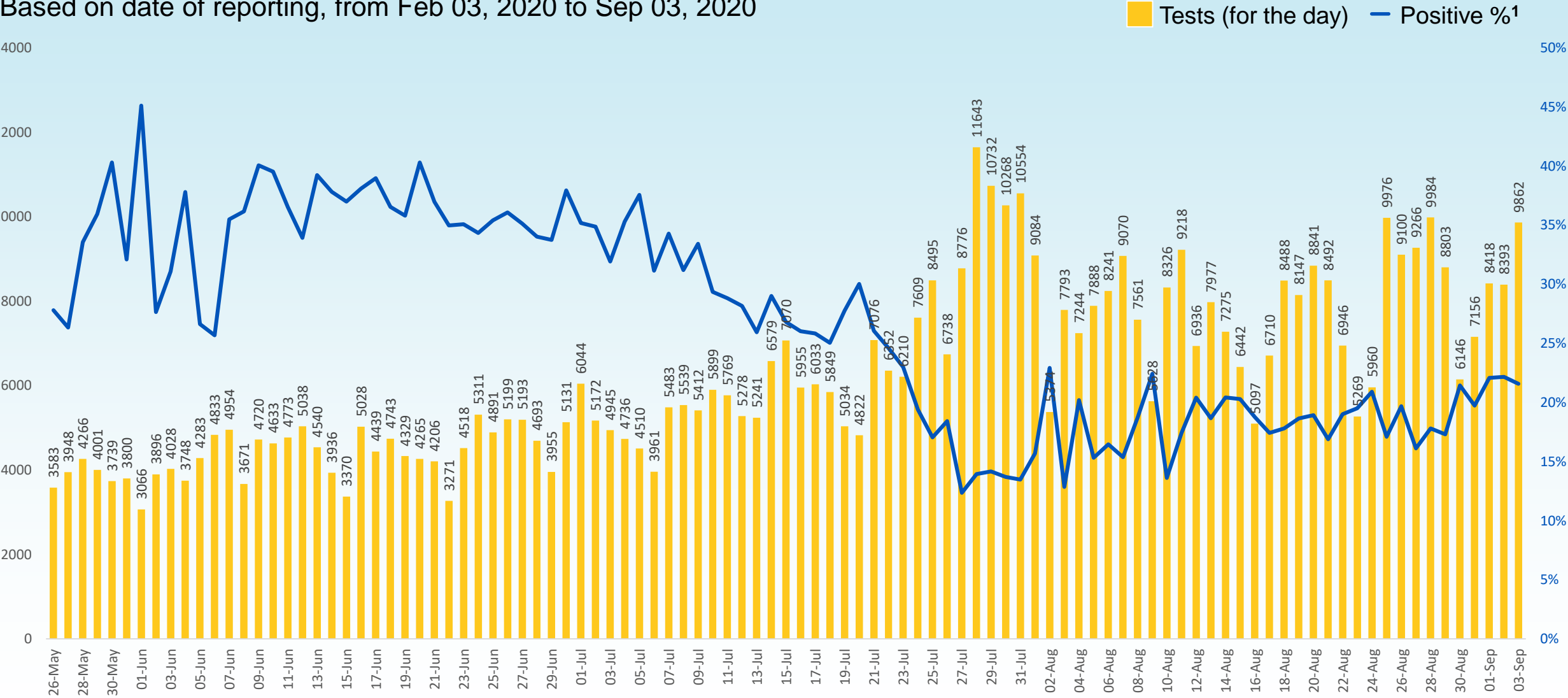
1 Total Positive cases as on Sep 03, Total cases as of Sep 03 as per line list is 1,44,986

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

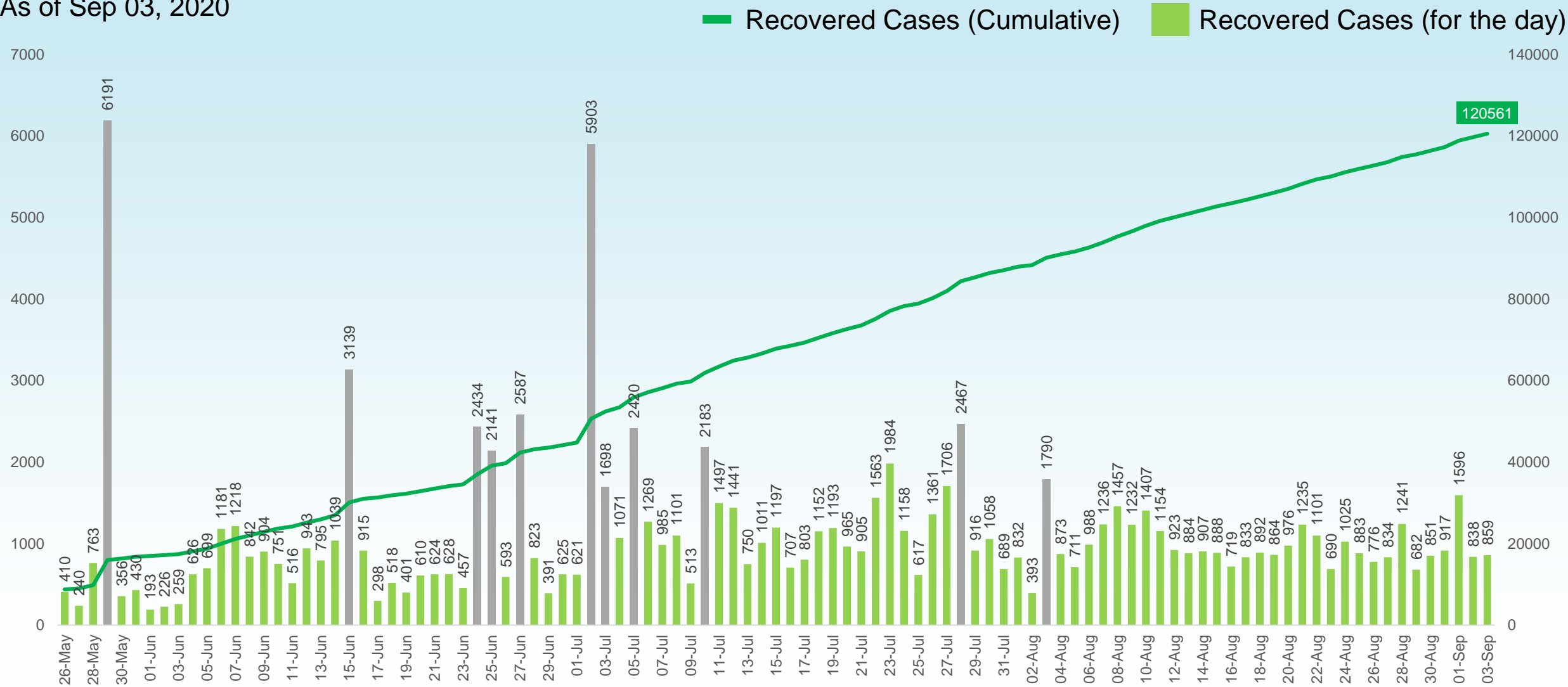
Based on date of reporting, from Feb 03, 2020 to Sep 03, 2020



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 Recovered Cases

As of Sep 03, 2020

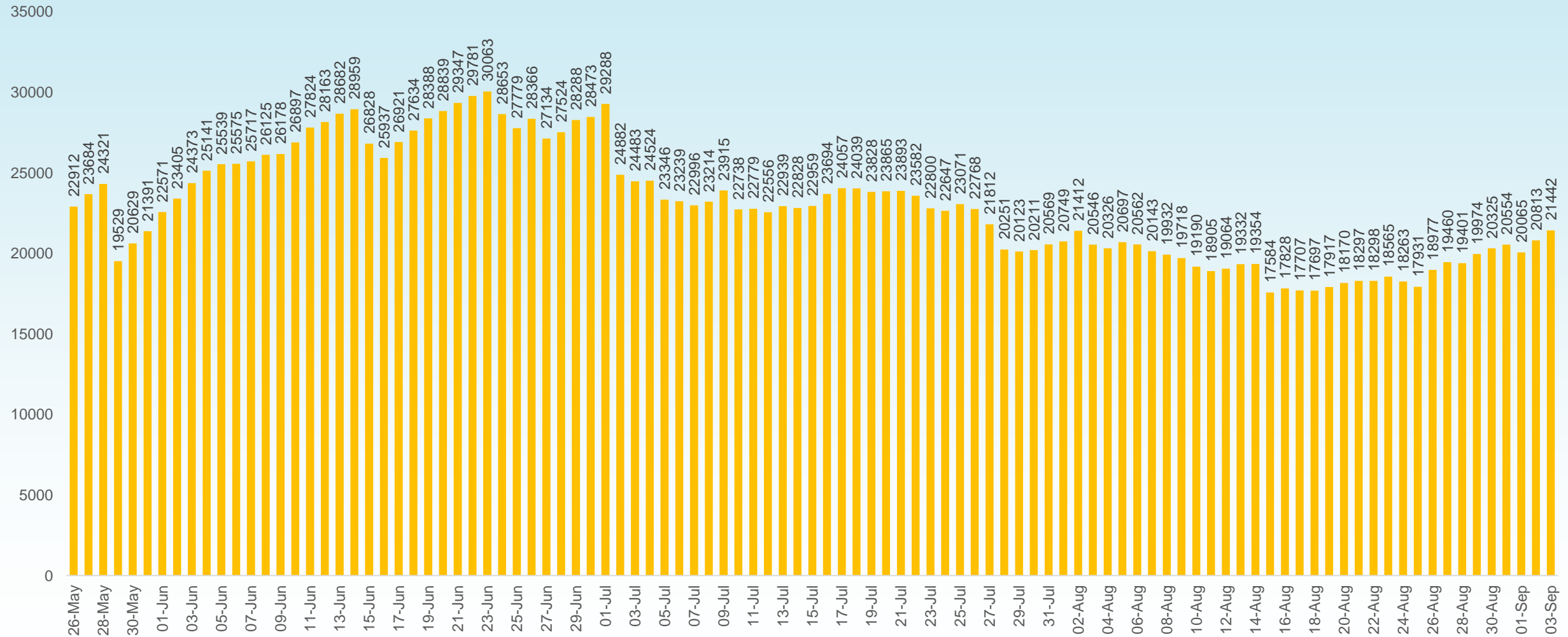


¹Spikes refer to reconciliation and updation for previous days

Trend of Active Cases

As of Sep 03, 2020

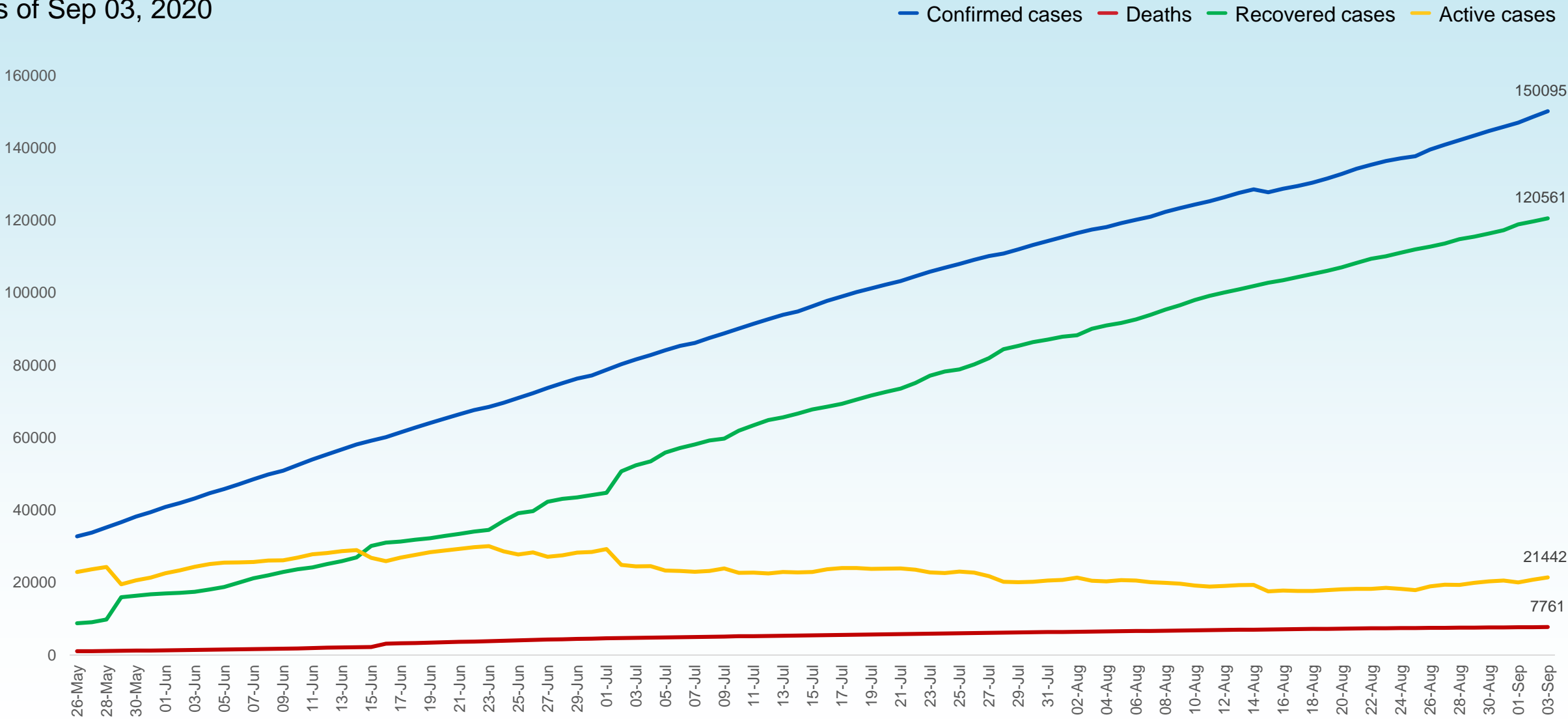
Active Cases (Cumulative)





Case summary for Mumbai

As of Sep 03, 2020





Key Trends

Contact tracing and home quarantine

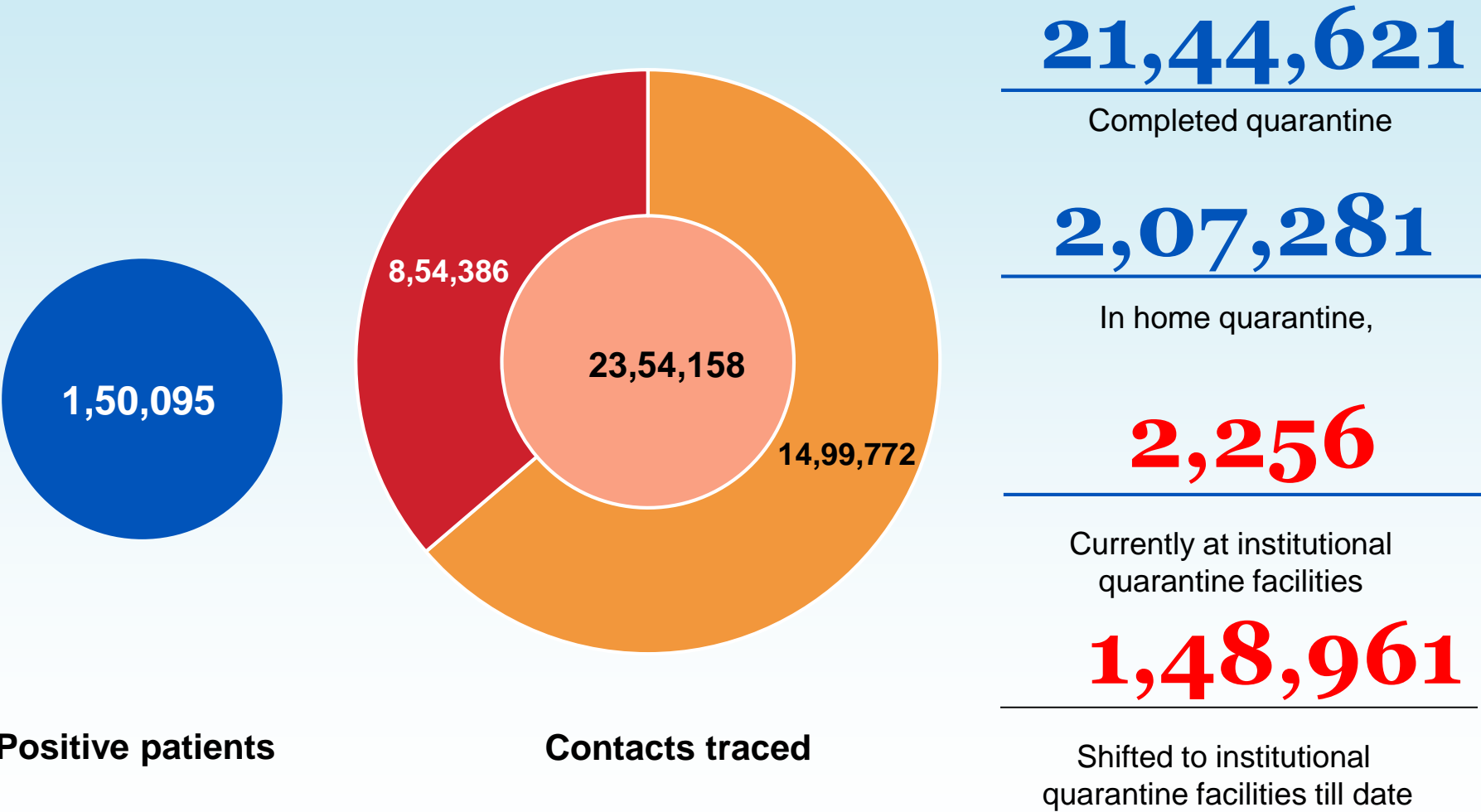
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Update on contact tracing

Summary as of Sep 3, 2020

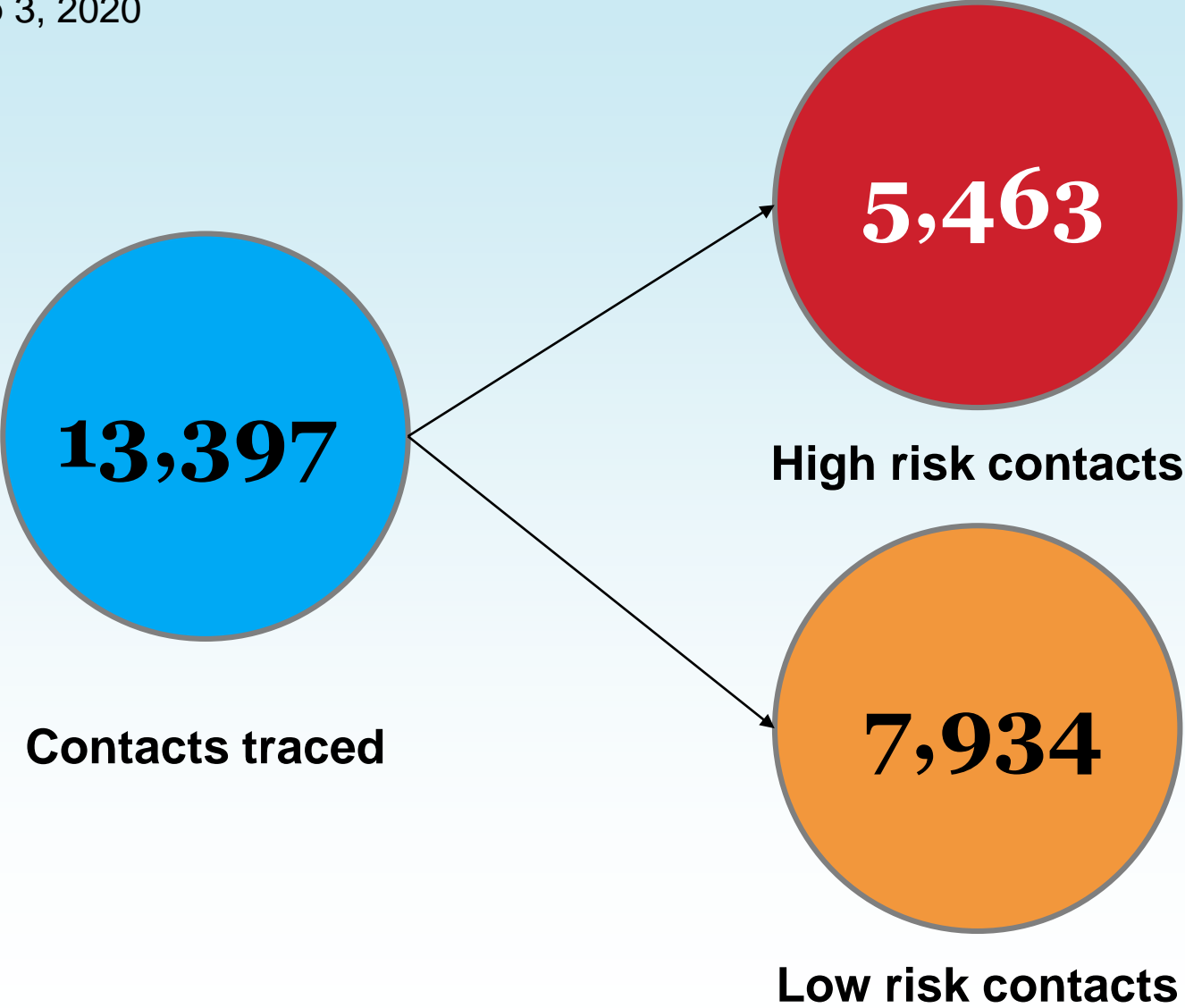


■ Positive patients **Positive patients**
■ Total contacts traced
■ High risk ■ Low risk

Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 3, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Contact tracing report for last 24 hours

Summary as of Sep 3, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 3 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



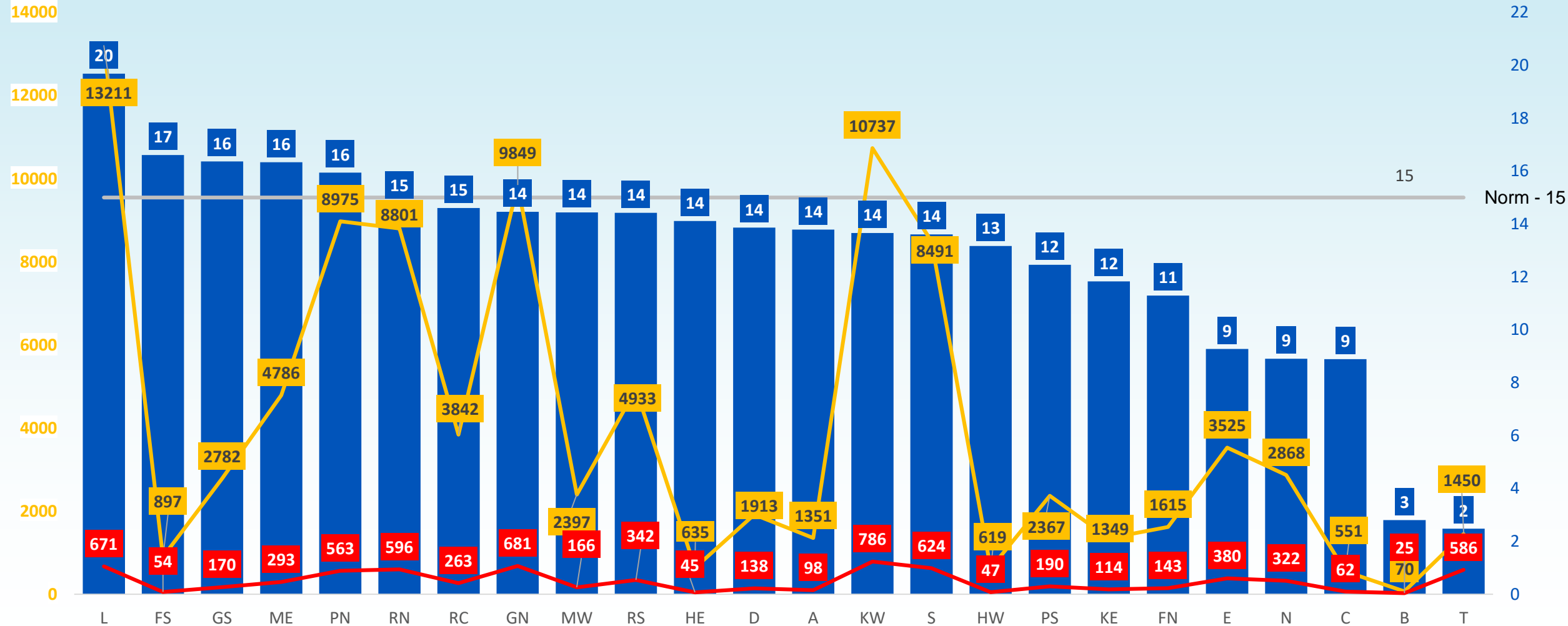
Chase the virus: High Risk Contacts for Index Cases in Slums

As of Sep 03, 2020¹

Positive cases from slums (Not being high risk contacts of earlier cases)⁽¹⁾
Total – 7,359*

No of high risk contacts sent to institutional facilities
Total – 98,014*

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



* Data for Ward N is updated as of Sep 02 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

13

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



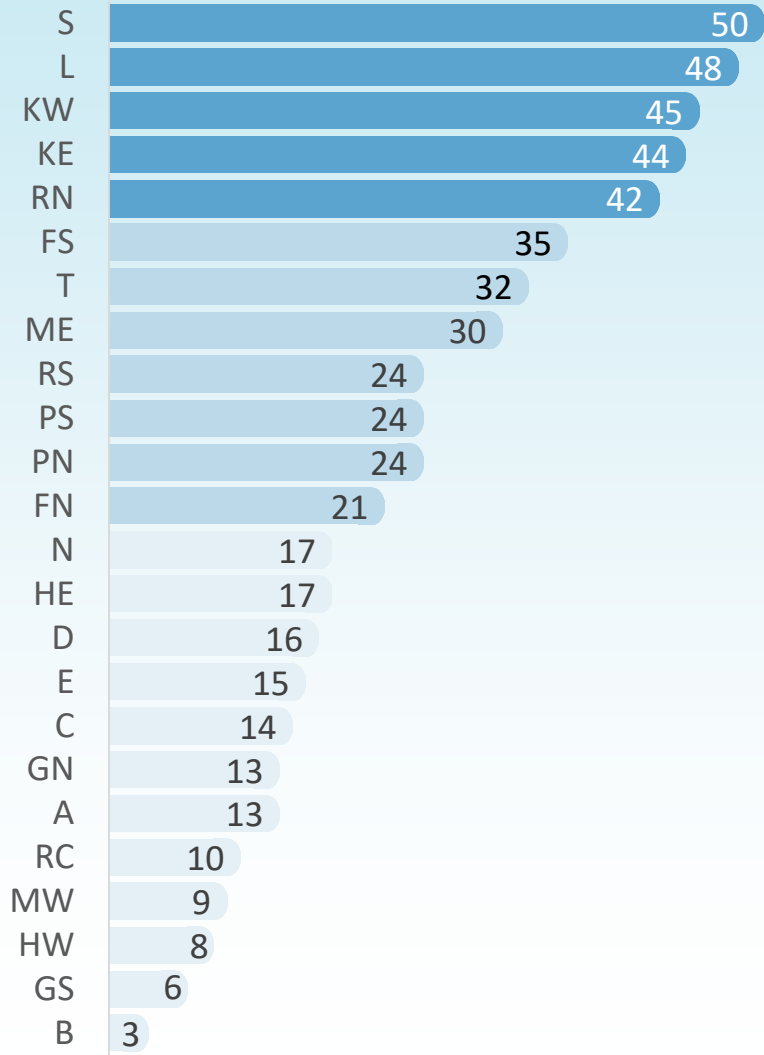
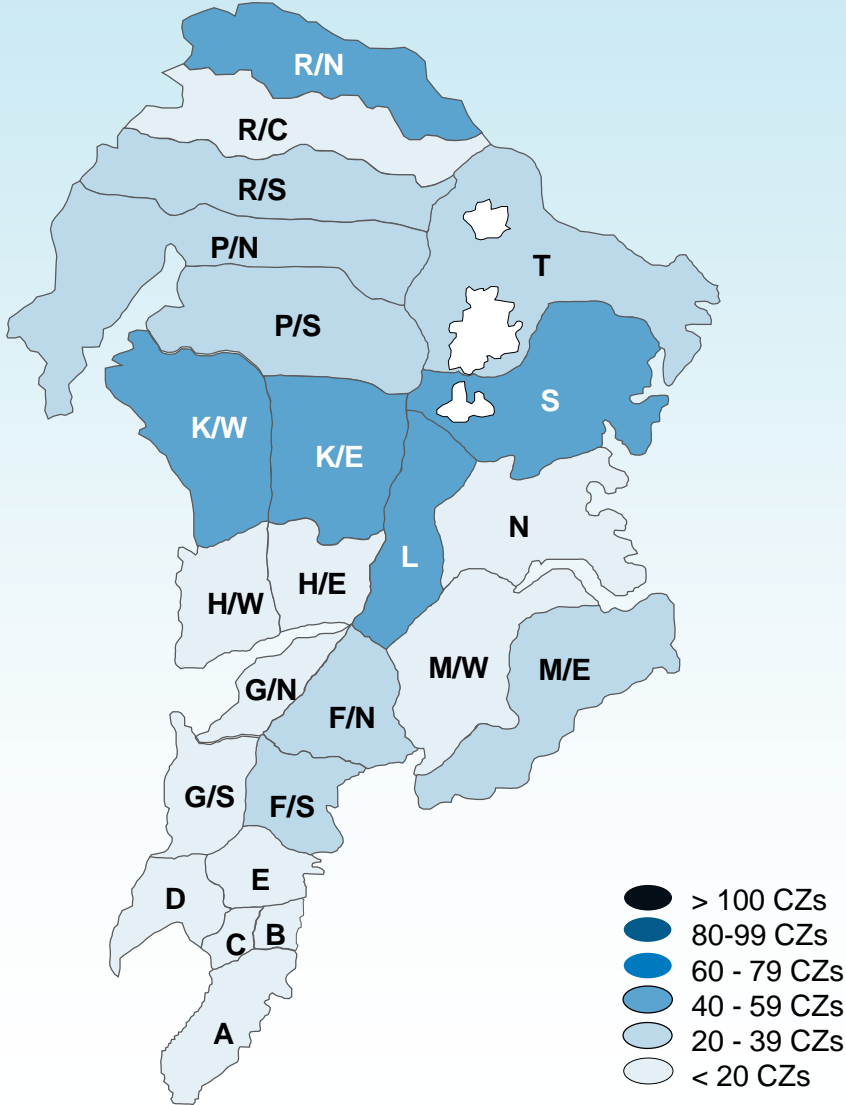
Ward-wise data as of Sep 03, 2020

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



Ward-wise containment zones – slums and chawls

As of Sep 03, 2020



560 *Active*
 Containment Zones

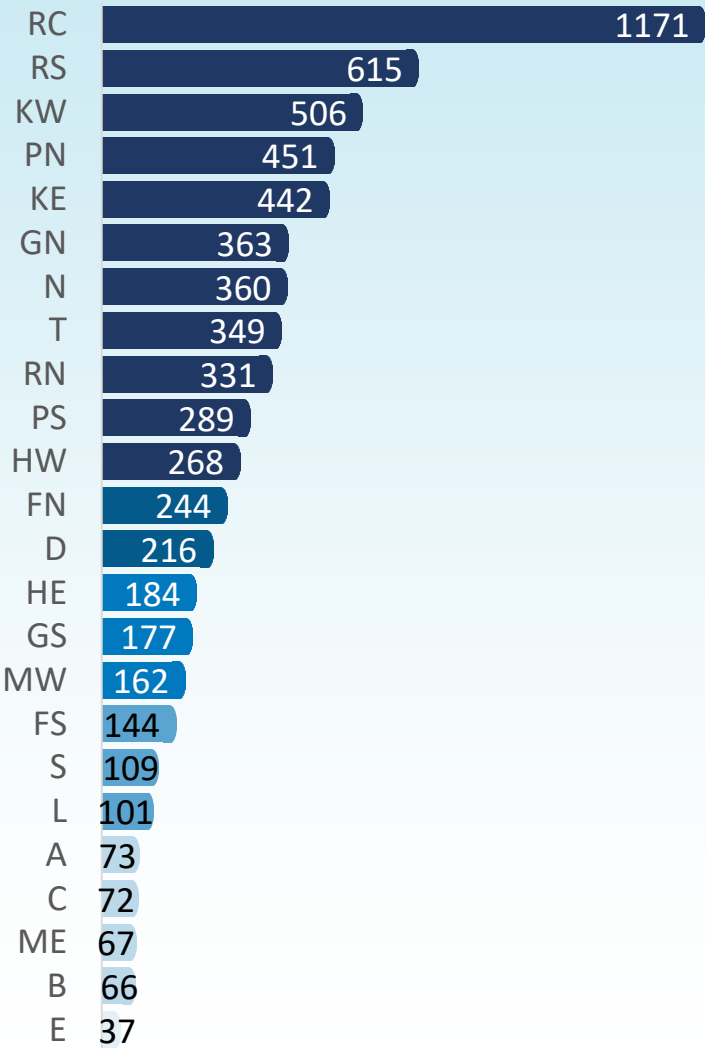
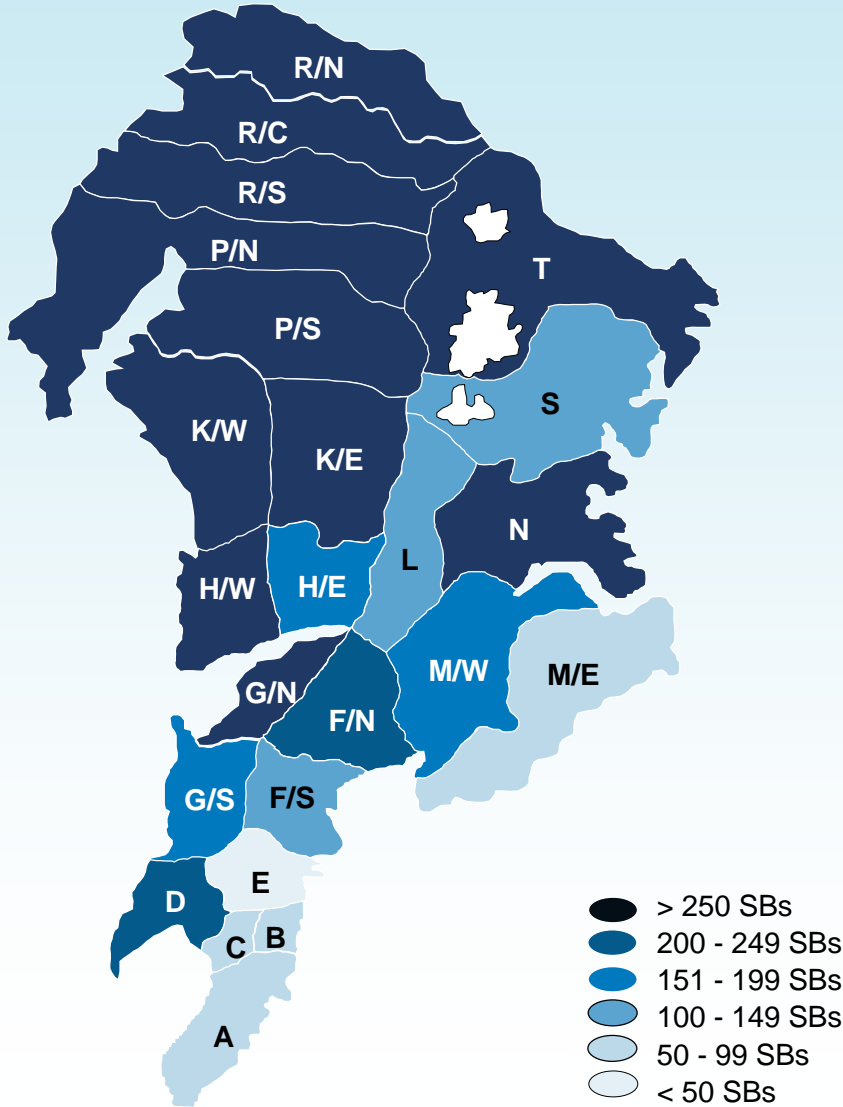
8.2 *lacs*
 No. of Households

35.8 *lacs*
 Population

967 *Released*
 Containment Zones

Ward-wise sealed buildings

As of Sep 03, 2020



6,797 *Active*
 Sealed Buildings

2.0 *lacs*
 No. of Households

7.5 *lacs*
 Population

21,402 *Released*
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

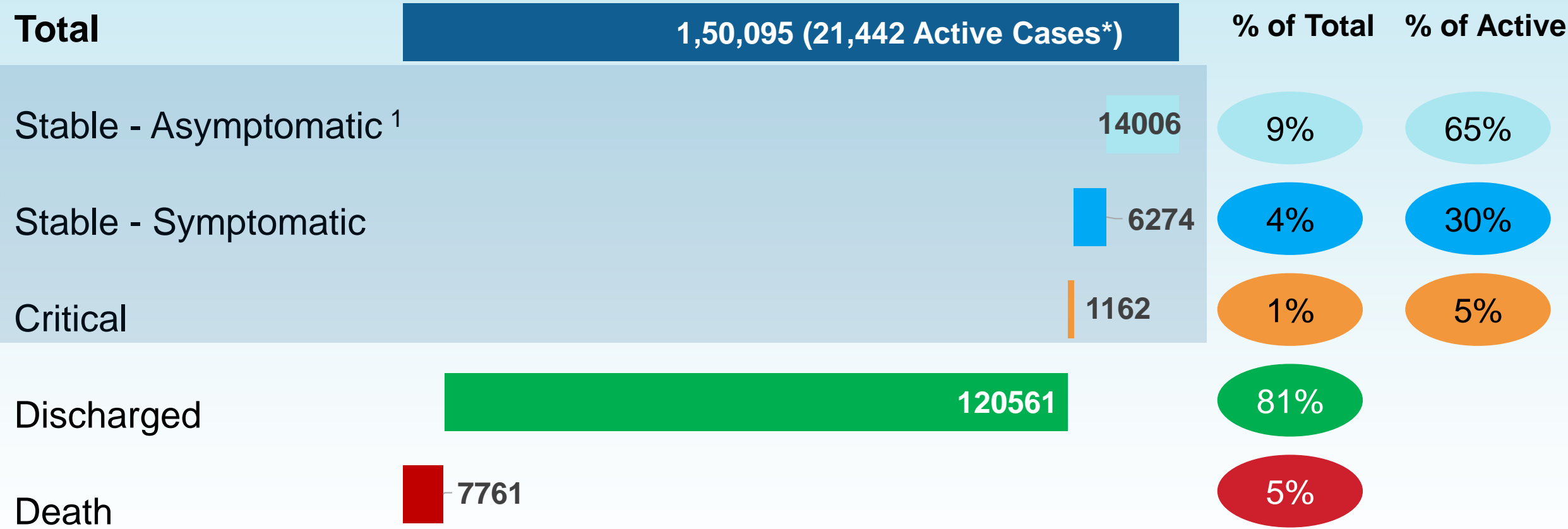
Bed Capacity

Other initiatives



Case summary for Mumbai

As of Sep 03, 2020



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

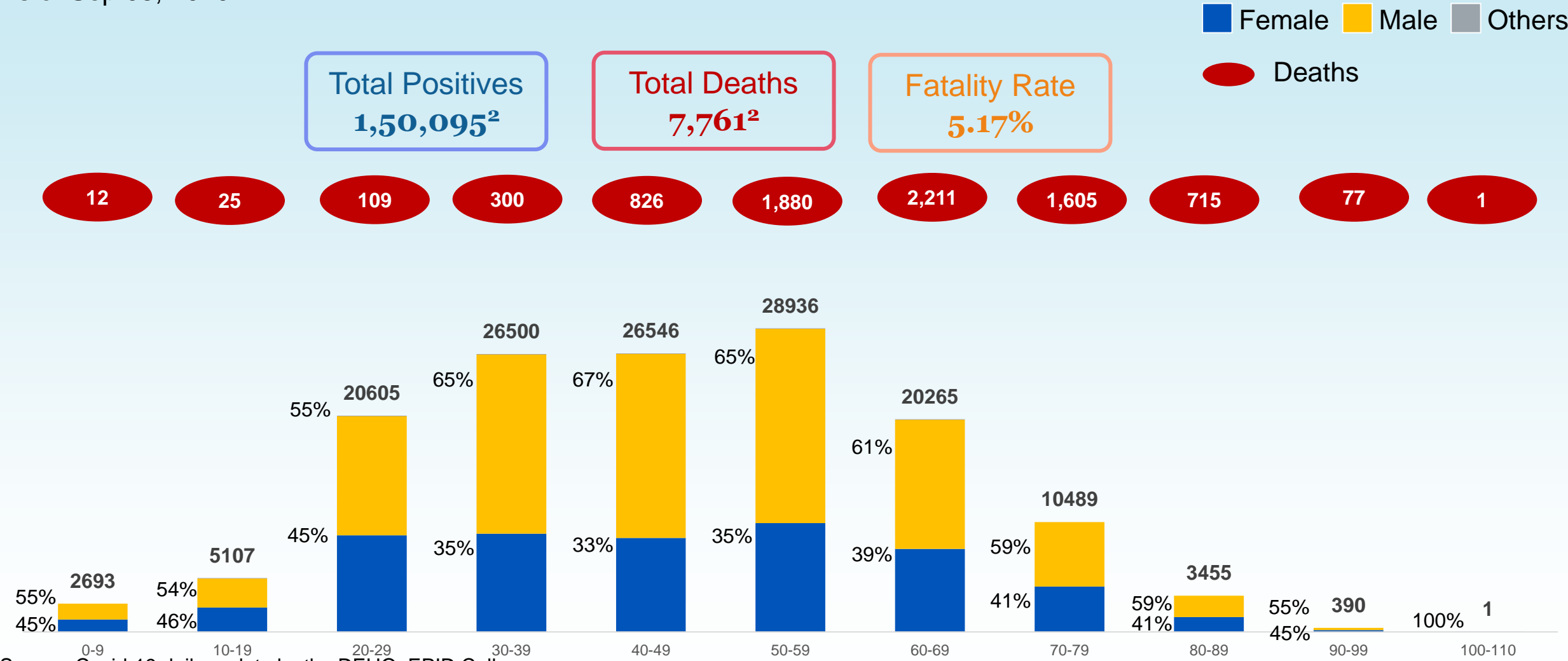
1 As per NCDC ICMR Report, Hospitalized status report (after deducting critical patients) has been considered as Symptomatic; Home Isolation and CCC2 has been considered as Asymptomatic; Difference between the total cases and the above classifications (6,696 cases) has been added to "Stable – Asymptomatic" 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 03, 2020¹



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

1 Total Age and sex-wise break up is available 1,44,987 cases; age-wise breakup of deaths available for 7,761 cases

2 As on Sep 03

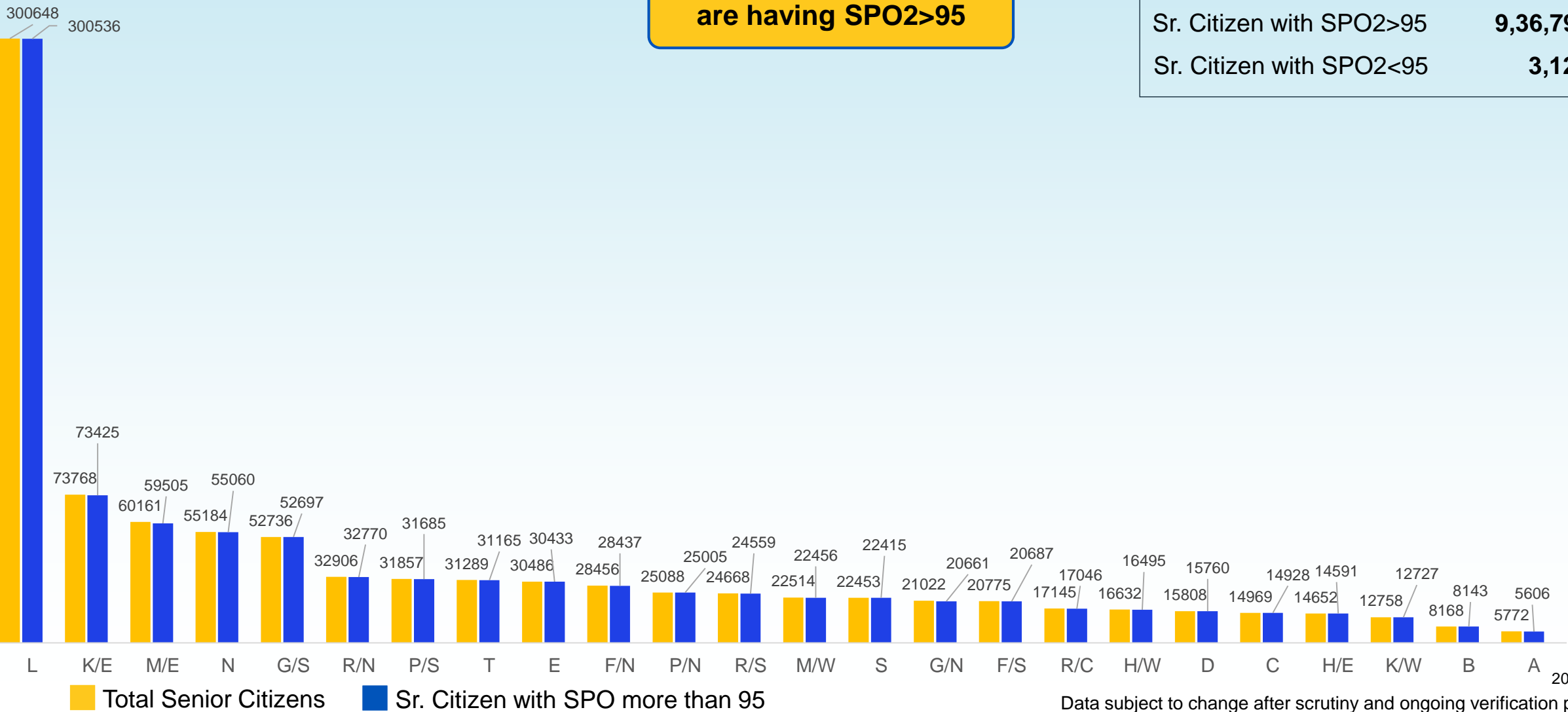


Proactive screening of elderly to protect them and contain mortality

Ward-wise data(progressive) till Sep 3, 2020

99.6% of Senior Citizens are having SPO2>95

Population Screened till date	1,75,21,080
Total Senior Citizens till date	9,39,915
Sr. Citizen with SPO2>95	9,36,792
Sr. Citizen with SPO2<95	3,123



Proactive screening of elderly to protect them and contain mortality

Ward-wise data for Sep 3, 2020

Wards	Total No. of Houses Surveyed	Population Covered	Total No. of Senior Citizens	Sr Citizen SPO2>95	* Sr Citizen SPO2<95
Total (Daily)	42,842	157,097	6,900	6,898	2
H/W	686	2,433	60	59	1
N	2,322	10,444	999	998	1
A	454	1,827	15	15	0
B	318	1,146	39	39	0
C	286	956	48	48	0
D	493	1,893	147	147	0
E	1,594	4,423	250	250	0
F/S	1,235	4,186	172	172	0
F/N	630	2,575	216	216	0
G/S	2,895	11,223	312	312	0
G/N	2,213	7,782	127	127	0
H/E	668	2,576	46	46	0
K/E	2,591	9,048	605	605	0
K/W	620	2,051	79	79	0
P/S	1,448	4,616	184	184	0
P/N	2,320	9,086	145	145	0
R/S	4,643	17,540	278	278	0
R/C	979	3,802	99	99	0
R/N	8,640	28,029	313	313	0
L	4,182	17,720	1,981	1,981	0
M/E	689	2,777	216	216	0
M/W	1,004	3,763	206	206	0
S	1,258	5,008	92	92	0
T	674	2,193	271	271	0

Summary till date

1,75,21,080^{*}

Total Population covered till date

9,39,915

Senior Citizens covered till date

9,36,792

Senior Citizens with SPO2>95
till date

3,123

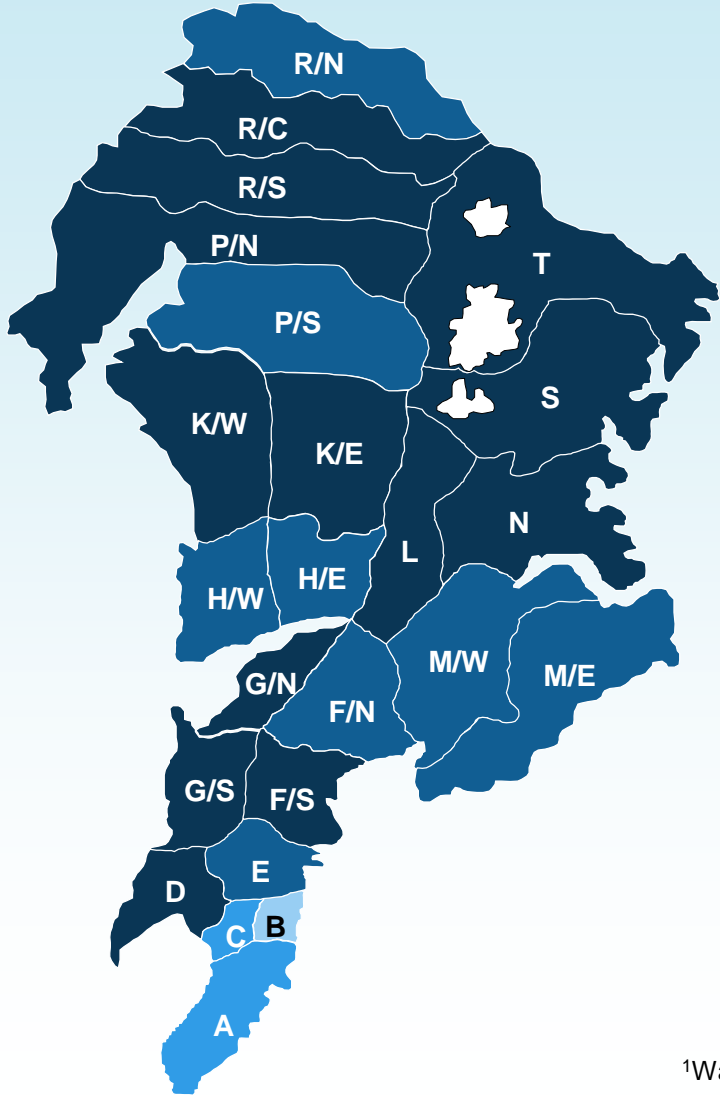
Senior Citizens with SPO2<95
till date

* 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 03, 2020



KE	8987	7461	543	983
PN	8938	7599	361	978
RC	8633	6711	285	1637
GN	8521	7146	506	869
KW	8475	6860	331	1284
S	7897	6591	475	831
N	7577	6221	418	938
RS	7513	5941	236	1336
FS	6756	5712	370	674
T	6487	5363	174	950
D	6387	5351	245	791
GS	6253	5322	413	518
L	6178	5243	458	477
E	5779	4802	304	673
FN	5731	4746	320	665
PS	5095	4128	245	722
ME	5044	4203	318	523
HE	4896	4094	355	447
HW	4367	3429	199	739
MW	4340	3604	302	434
RN	4033	3189	158	686
A	3703	3128	72	503
C	2125	1782	107	236
B	1271	1052	94	125
d-wise breakup is available for 1,44,986 cases (18,019 Active), Total		119678	7289	18019

- >6000 cases
- 4001- 6000 cases
- 2001 – 4000 cases
- 0 – 2000 cases

- Discharged²
- Deaths³
- Active

Total Positives
1,50,095¹

Total Active
18,019¹

Active = Positive – Discharges – Death

¹Ward-wise breakup is available for 1,44,986 cases (18,019 Active), Total

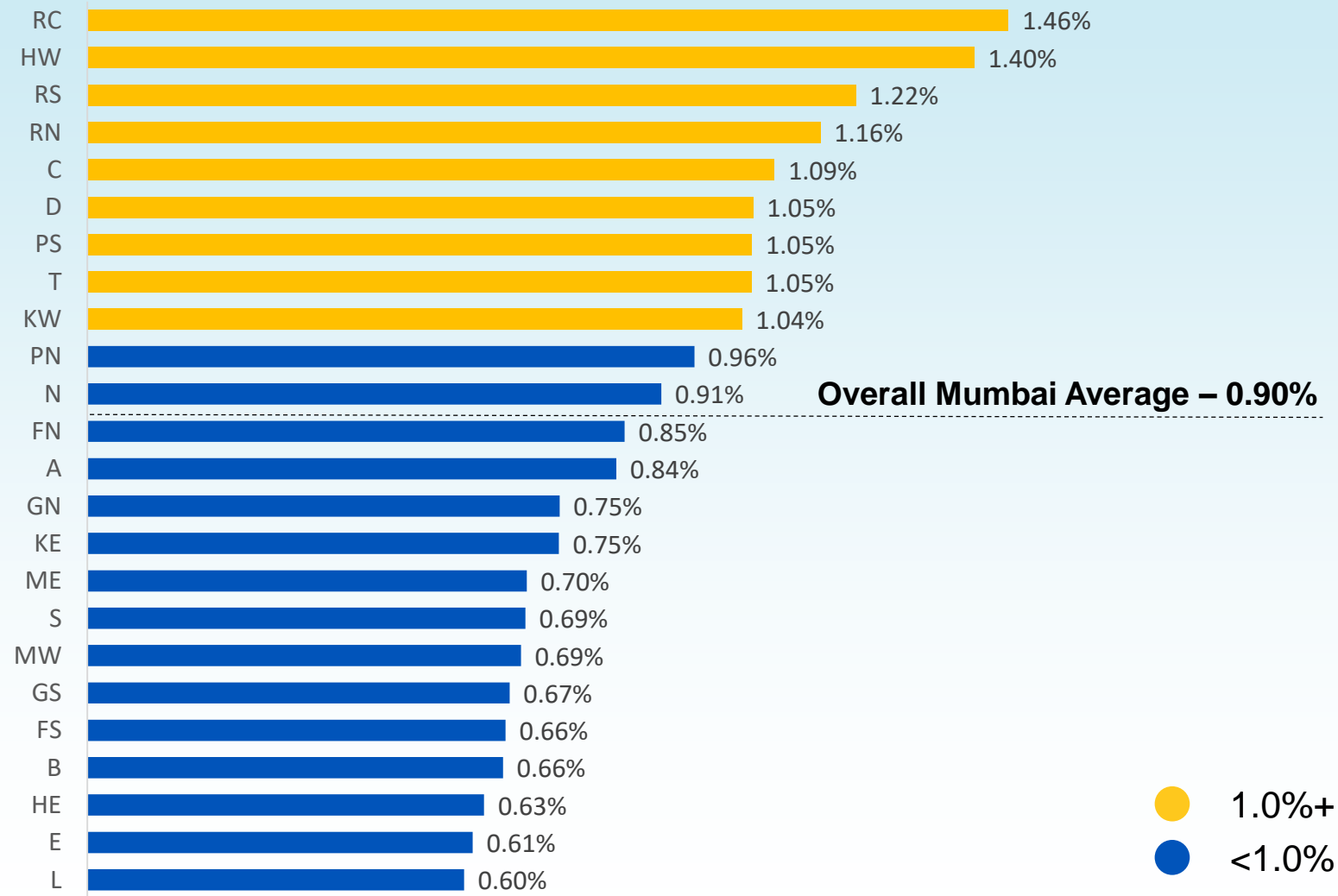
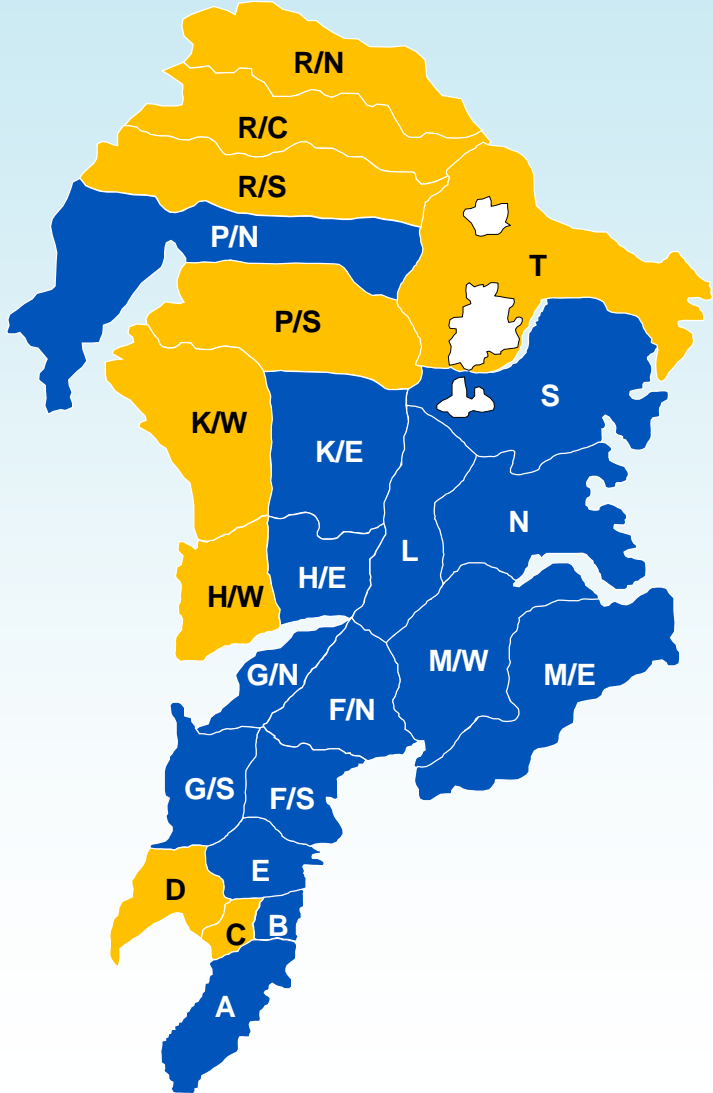
²Discharges as on Sep 03, Available for 1,19,678 cases,

³Deaths as on Sep 03, Available for 7,289 cases

Ward wise reconciliation for Discharged, Deaths and Active is on going ²²
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 03, 2020



Ward-wise new cases

Positive cases for the last 7 days till Sep 03, 2020¹

Date of report	RC	HW	RS	RN	C	D	PS	T	KW	PN	N	FN	A	GN	KE	ME	S	MW	GS	FS	B	HE	E	L	Grand Total
Area>>>	Borivali	Bandra	Kandivali	Dahisar	Marine Lines	Grant Road	Goregaon	Mulund	Andheri W	Malad	Ghatkopar	Matunga	Colaba	Dadar	Andheri E	Chembur E	Bhandup	Chembur W	Elphinstone	Parel	Sandhurst Road	Khar	Byculla	Kurla	
As on 27th Aug	7801	3961	6903	3720	1970	5935	4735	6029	7885	8359	7112	5401	3493	8088	8531	4805	7524	4137	5968	6451	1214	4686	5538	5926	136172
28-Aug	126	54	77	42	23	56	36	59	68	86	45	41	34	60	55	35	50	30	49	49	14	22	20	36	1167
29-Aug	136	76	75	51	33	61	69	51	65	86	85	48	37	55	79	28	53	30	40	61	9	27	43	41	1339
30-Aug	117	55	77	56	19	58	62	54	91	96	54	62	44	52	46	31	49	20	33	26	6	18	26	23	1175
31-Aug	64	54	89	30	20	33	52	72	77	86	71	33	13	62	63	32	31	30	37	39	7	45	42	26	1108
01-Sep	113	25	94	39	28	71	36	61	61	65	58	38	20	48	28	31	68	37	30	27	2	28	32	23	1063
02-Sep	117	77	106	37	15	100	47	94	108	90	68	48	35	94	95	52	69	34	60	61	5	37	40	58	1547
03-Sep	159	65	92	58	17	73	58	67	120	70	84	60	27	62	90	30	53	22	36	42	14	33	38	45	1415
As on 03rd Sep	8633	4367	7513	4033	2125	6387	5095	6487	8475	8938	7577	5731	3703	8521	8987	5044	7897	4340	6253	6756	1271	4896	5779	6178	144986
Days to double	48	50	57	60	64	66	66	66	67	72	77	82	83	93	93	100	100	101	104	105	106	111	114	117	77

Wards <= 65 days to double

- Ward RC
- Ward HW
- Ward RS
- Ward RN
- Ward C

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 03, 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

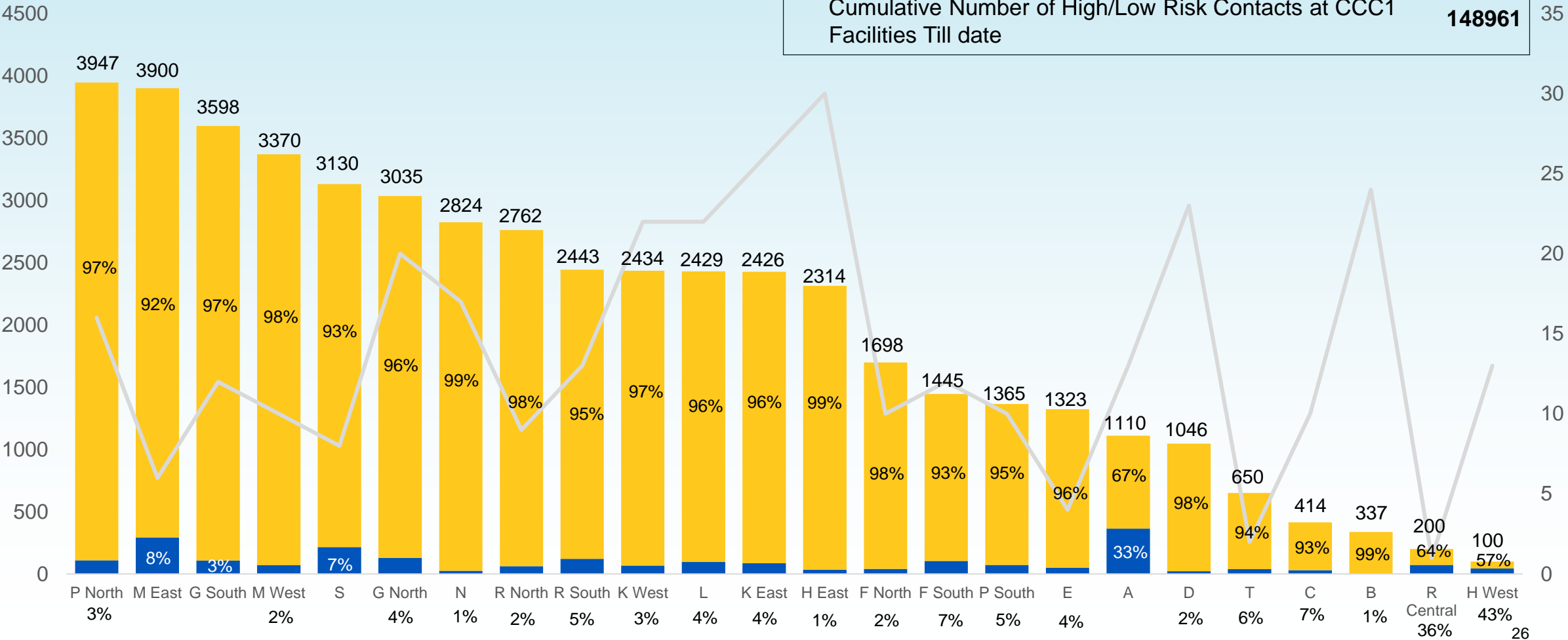
Other initiatives



Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 03, 2020

No. of CCC1 Facilities identified for High/Low Risk Contacts	333
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2256
Available capacity	46044
Total Capacity	48300
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	148961



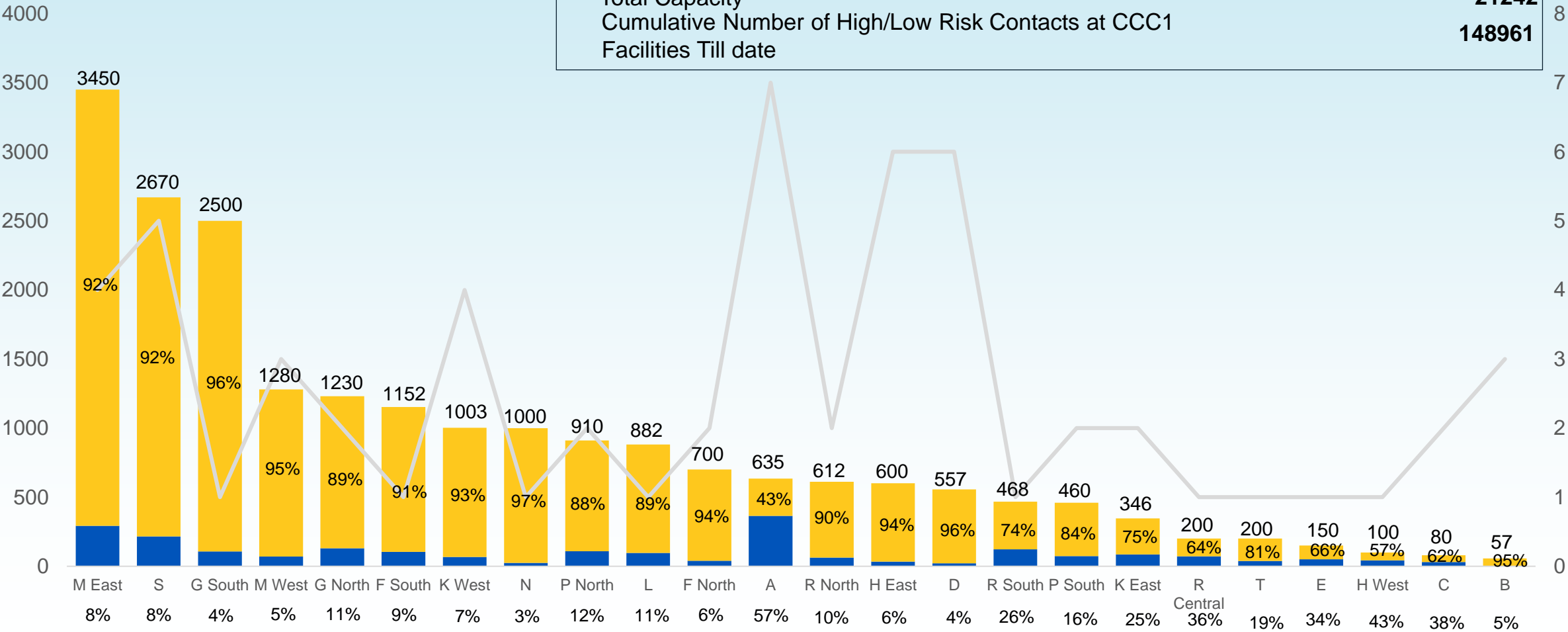
Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators



Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 03, 2020

No. of ACTIVE and BUFFER CCC1 Facilities identified for High/Low Risk Contacts	61
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2256
Available capacity	18986
Total Capacity	21242
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	148961



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

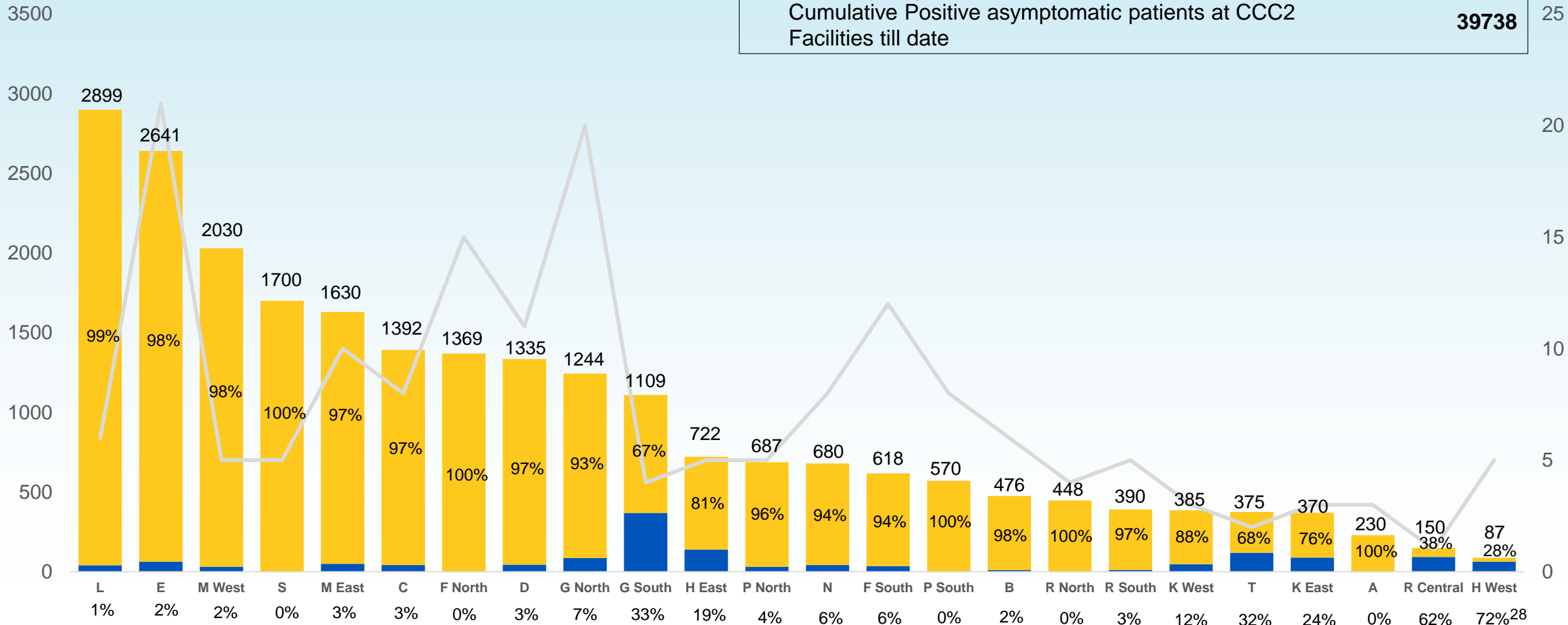
Note: Active facilities are facilities currently being requisitioned and in use. Buffer facilities includes requisitioned facilities kept for future



Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 03, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	175
Number of positive asymptomatic patients shifted to CCC2 Facilities	1409
Available capacity	22128
Total Capacity	23537
Cumulative Positive asymptomatic patients at CCC2	39738
Facilities till date	



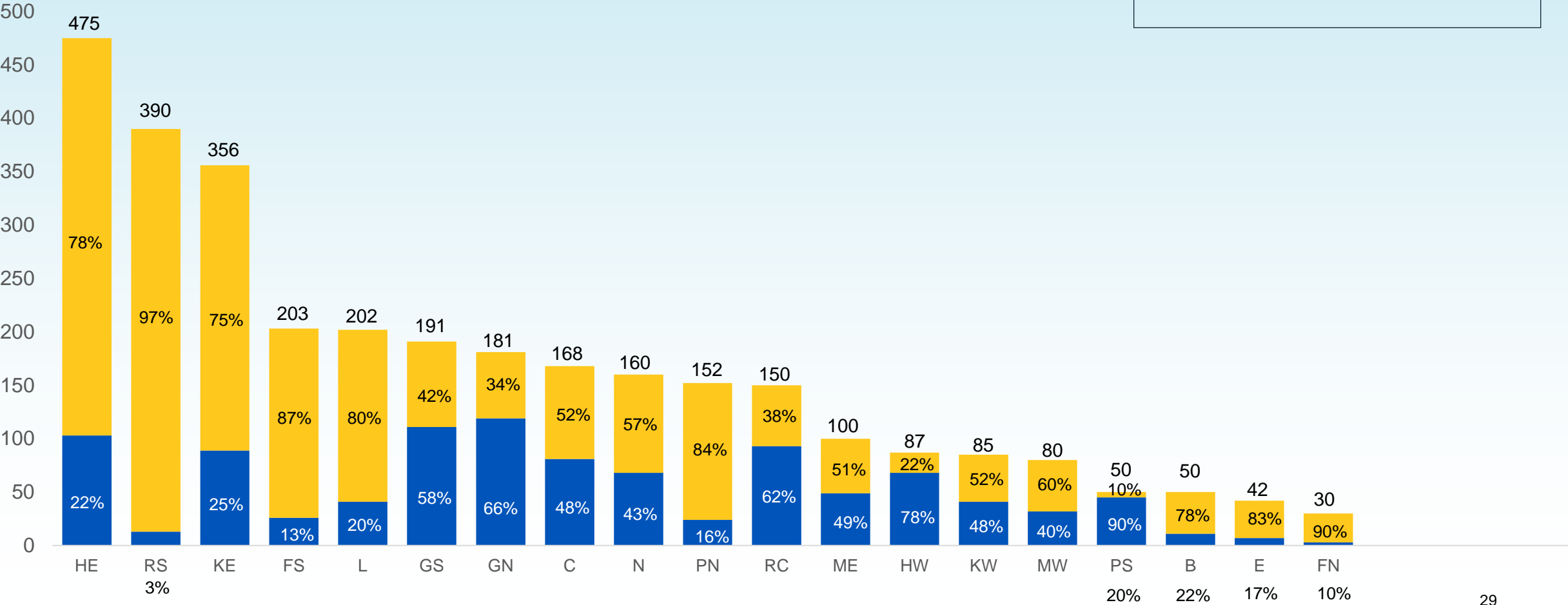
Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators



Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 03, 2020

Beds occupied	1024
Available capacity	2128
Total capacity	3152
Cumulative patients till date	35316

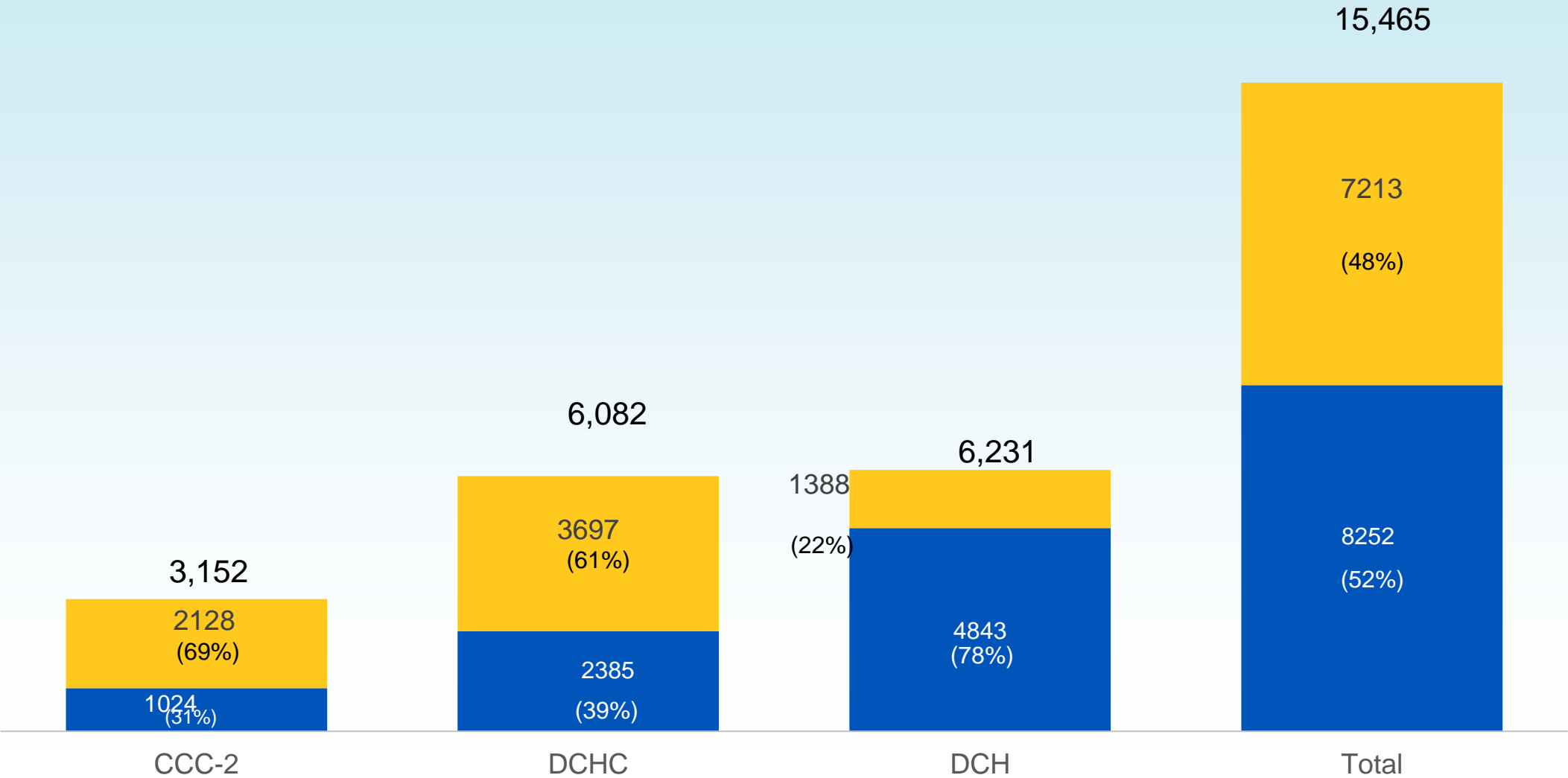


Source: "CCC2 line list"

Summary of total bed capacity

As of Sep 3, 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 4, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
Total	12,313	7,228	5,085
ICU Beds	1,397	1,257	140
Regular	1,353	1,227	126
Modular	10	9	1
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	10,916	5,971	4,945
Quarantine for Suspect	948	489	459
Isolation for Positives	9,552	5,300	4,252
Pregnancy	237	64	173
Others (Cancer + Dialysis)	179	118	61
<i>O2 Beds*</i>	7,836	4,342	3,494
<i>Ventilators*</i>	929	855	74

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 4, 2020 , Subject to change

			COVID Beds				
			Total	ICU Beds	Normal Beds	O2 Beds*	Ventilators*
Capacity	Total		12,313	1,397	10,916	7,836	928
	Public	Hospitals	4,504	627	3,877	2,601	510
		Jumbo	5,499	244	5,255	3,777	146
	Pvt	Hospitals	2,310	526	1,784	1,458	273
Occupancy	Total		7,228	1,257	5,971	4,342	855
	Public	Hospitals	3,224	580	2,644	1,987	476
		Jumbo	2,065	192	1,873	1,175	120
	Pvt	Hospitals	1,939	485	1,454	1,180	259
Vacancy	Total		5,085	140	4,945	3,494	74
	Public	Hospitals	1,280	47	1,233	614	34
		Jumbo	3,434	52	3,382	2,597	26
	Pvt	Hospitals	371	41	330	283	14

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



Key Trends

Contact tracing and home quarantine

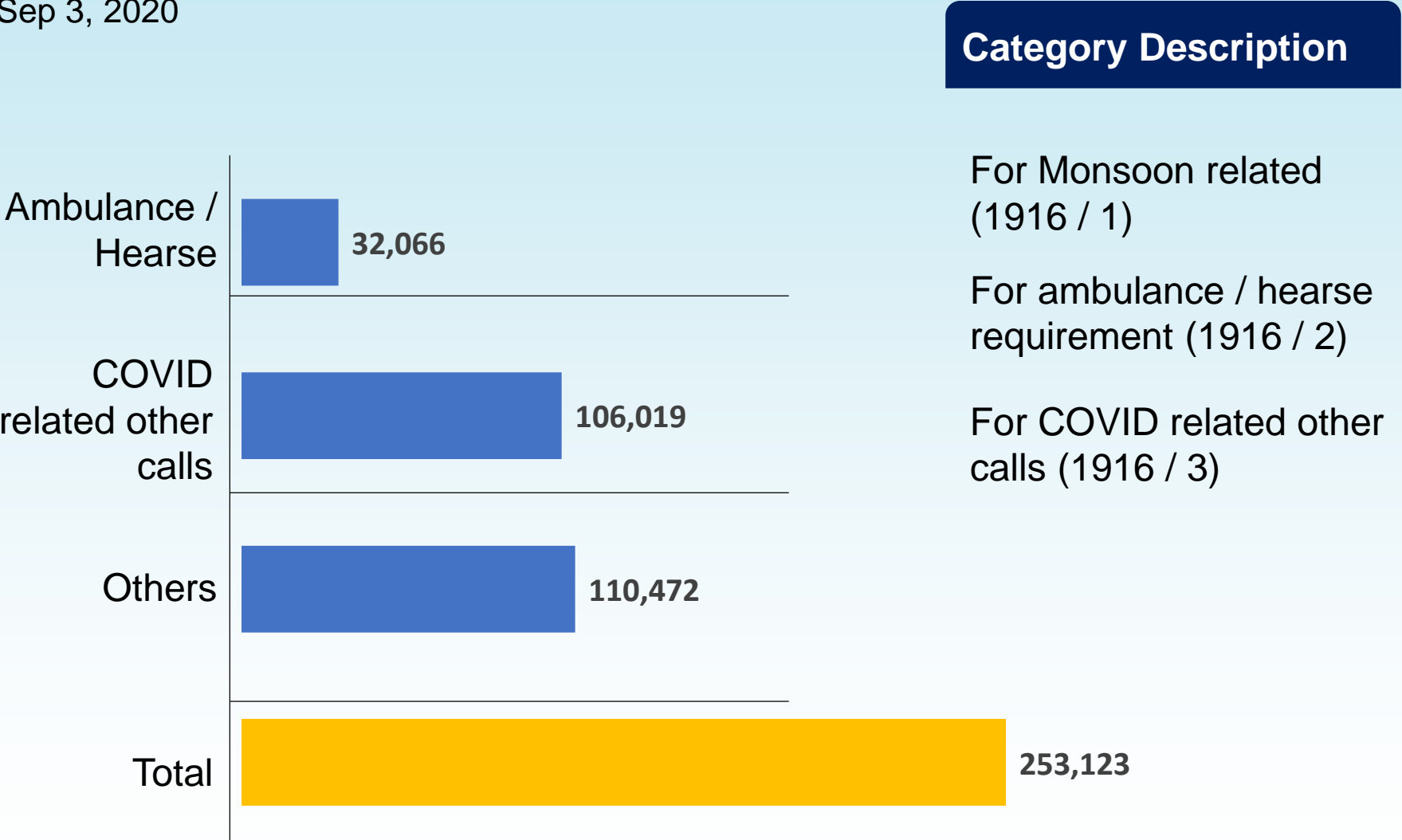
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Call Center update

For all calls received from April 24 to Sep 3, 2020



Management of Waste from Quarantined Areas

September 2, 2020



Waste Collected (in Kgs)

COVID BMW (in Kgs)
11,310

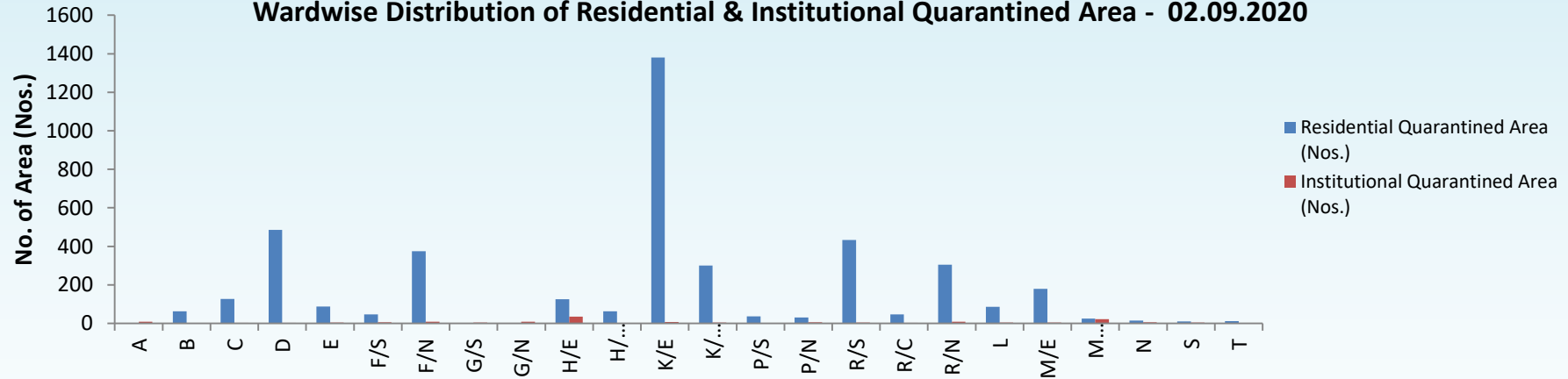
MCGM Quarantine BMW (in Kgs)
2,999

Total BMW (in Kgs):
14,309.0

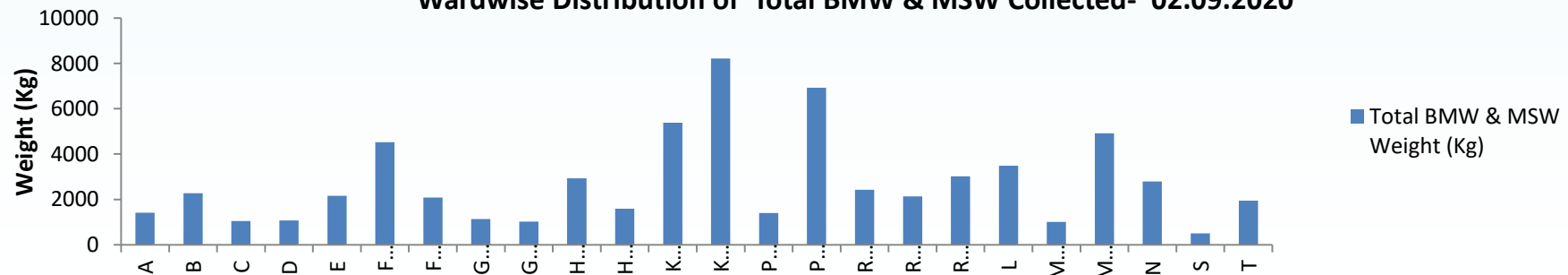
Total MSW Collected by MCGM from Quarantined Area (in Kgs):
62,280.0

Total MSW & BMW Collected by MCGM from Quarantined Area(in Kgs): **75,589**

Wardwise Distribution of Residential & Institutional Quarantined Area - 02.09.2020



Wardwise Distribution of Total BMW & MSW Collected- 02.09.2020



Thank you

