

BMC Covid-19 Response War Room Dashboard

Sep 14, 2020



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Mumbai COVID19 status at a glance

As of Sep 13, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 02:30 PM, Sep 14, 2020)		CCC1 Facilities			Contact Tracing	Past 24hrs	Cumulative
Total Positive	1,69,693	Bed Capacity (DCHC+DCH+CCC2)	15,992	Facilities (#)	Bed Capacity	Occupancy	Total Traced	25,981	25,72,134
Discharged	1,30,918	Occupied	10,381				High Risk	13,953	9,56,094
Deaths	8,147	Available	5,611	Total	334	46,589	2,362	Low Risk	12,028
Deaths with Age > 50yrs – 6,841)		DCH & DCHC Bed Capacity	12,905	Active	43	17,698	2,362	Total Quarantine Completed	22,67,429
Total Active	30,271	Occupied	8,604	Buffer	15	2,158	-	Currently in Home Quarantine	3,02,343
Stable – Asymptomatic	21,206	Available	4,301	Reserve [#]	276	26,733	-	Others	
Stable - Symptomatic	7,803	ICU Bed Capacity	1,418	CCC2 Facilities			Senior Citizens Screened till date		9,96,273
Critical	1,262	Occupied	1,327	Facilities (#)	Bed Capacity	Occupancy	Senior Citizens with SPO2 > 95		9,93,116
Tests Done (till date)	9,25,148	Available	91	Total	181	23,678	1,750	Active Containment Zones – Slums & Chawls	564
% of Positive (till date)	18.34	O2 Bed Capacity	7,876	Active	25	3,126	1,750	Active Sealed Buildings	8,637
		Occupied	5,048	Buffer	13	2,330	-	Calls Centre Calls Flow	2,64,988
		Available	2,828	Reserve [#]	143	18,222	-		
		Ventilator Bed Capacity	959	# Facilities that have been deactivated and can be used as per need					
		Occupied	897						
		Available	62						

Ward wise positive cases

Wards	RC	RN	D	RS	KW	PS	T	HW	B	HE	PN	MW	A	C	FN	N	KE	GS	E	FS	GN	S	ME	L	Overall Mumbai
Positive Cases	10223	4746	7439	8757	9812	5970	7553	5020	1430	5496	10079	4836	4192	2390	6432	8515	10027	6888	6352	7418	9343	8679	5498	6722	
Days to double	42	44	45	45	46	46	46	50	53	55	56	58	59	59	60	62	65	67	70	71	74	75	76	84	56

1 Ward-wise break up is as on Sep 13, 2020, available for 1,63,817 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

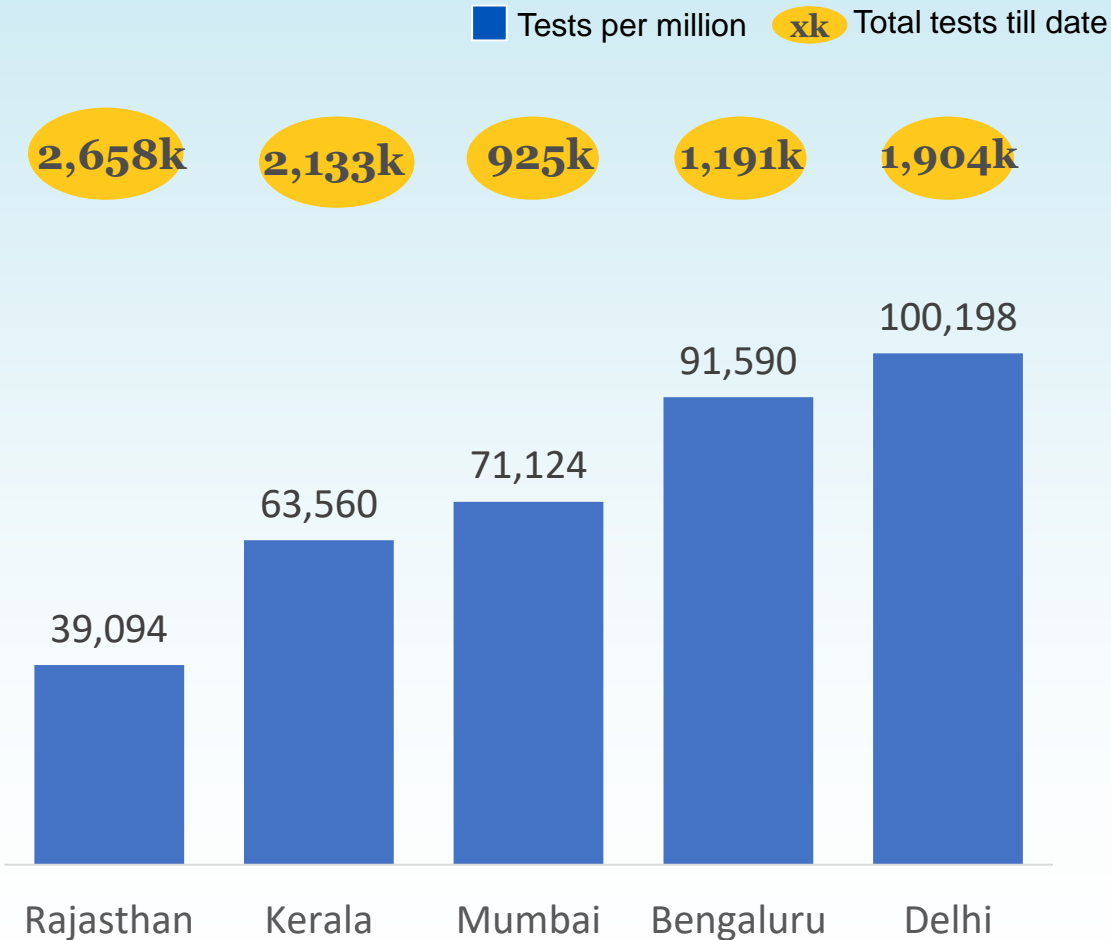
Other initiatives



Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Sep 13, 2020

Tests per million



Source: Government COVID bulletins as of Sep 13 2020

* Data as of Sep 10 2020

Data as of Sep 12 2020

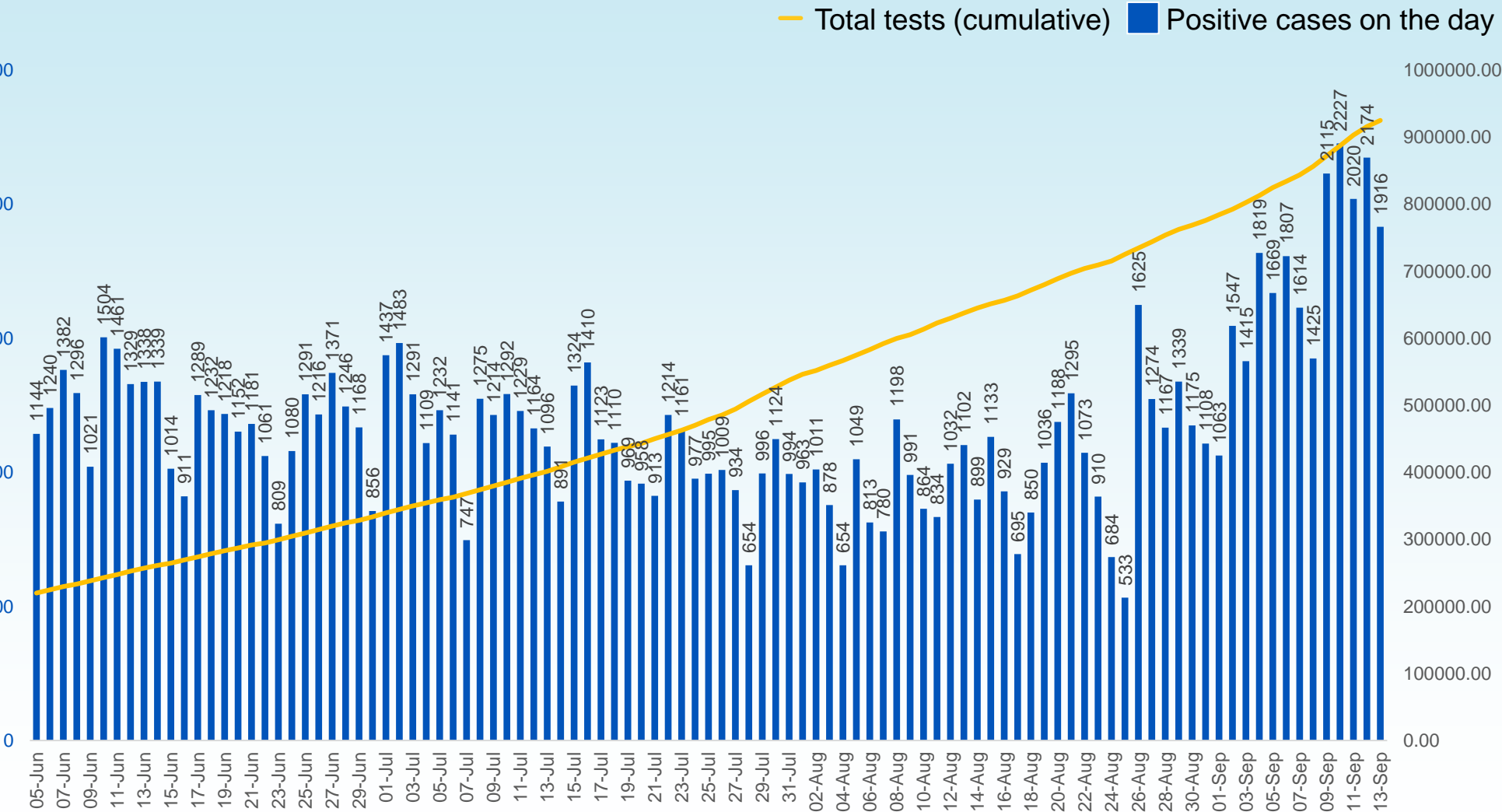
Mumbai is one of the leading cities in tests per million compared to other cities

State	Cases	Tests	Tests per million
Bengaluru [#]	1,67,183	11,90,672	91,590
Mumbai	1,69,693	9,25,148	71,124
Delhi*	2,01,174	19,03,762	1,00,198
West Bengal	2,02,708	24,70,058	27,376
Gujarat	1,13,500	32,86,544	53,009
Kerala	1,08,278	21,32,795	63,560
Maharashtra	10,60,308	53,26,846	43,113
Rajasthan	1,03,201	26,58,373	39,094
Tamil Nadu	5,02,759	58,88,086	1,76,355

Data subject to change after scrutiny and ongoing verification process

Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 13, 2020



Summary till date

1,69,693¹

Total positive cases

9,25,148

Total tests conducted

18.34%

Positive cases as a % of total tests

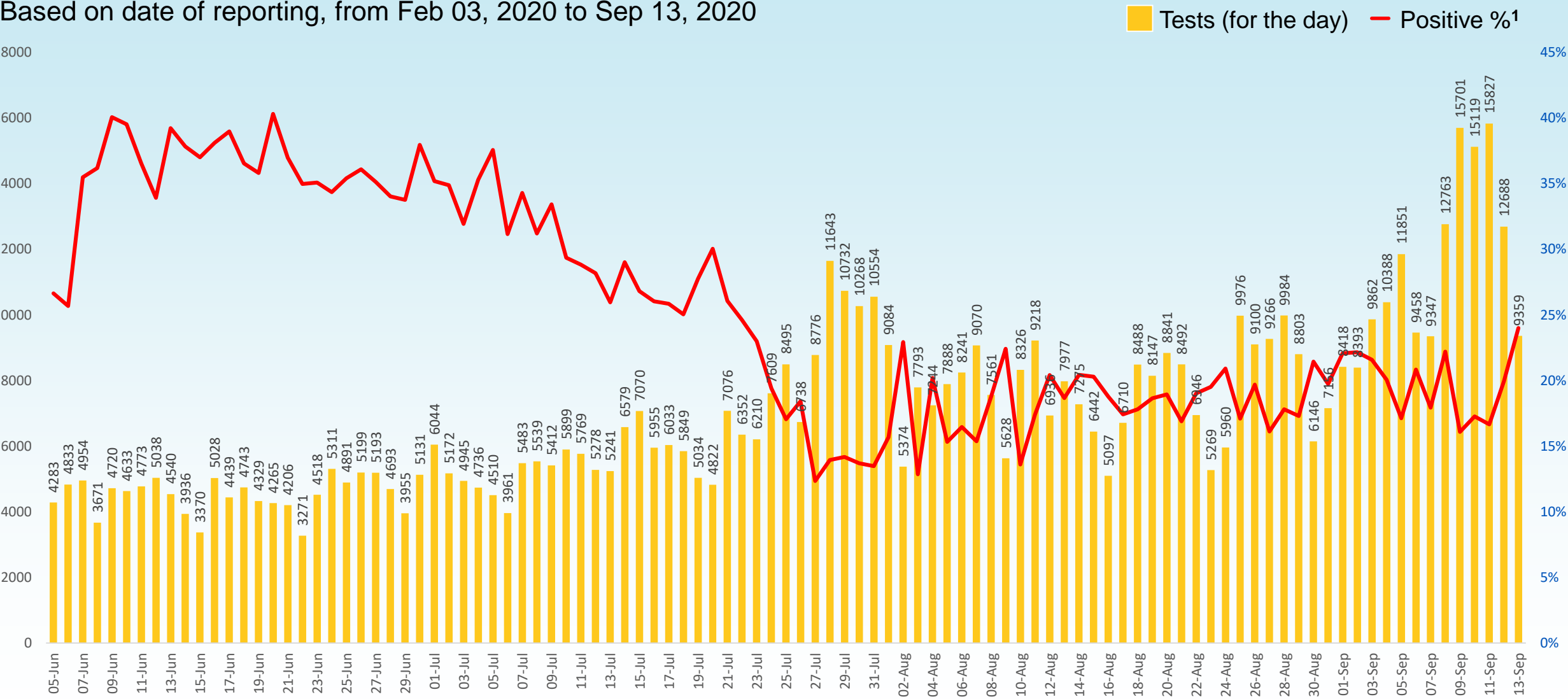
1 Total Positive cases as on Sep 13, Total cases as of Sep 13 as per line list is 1,63,817

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

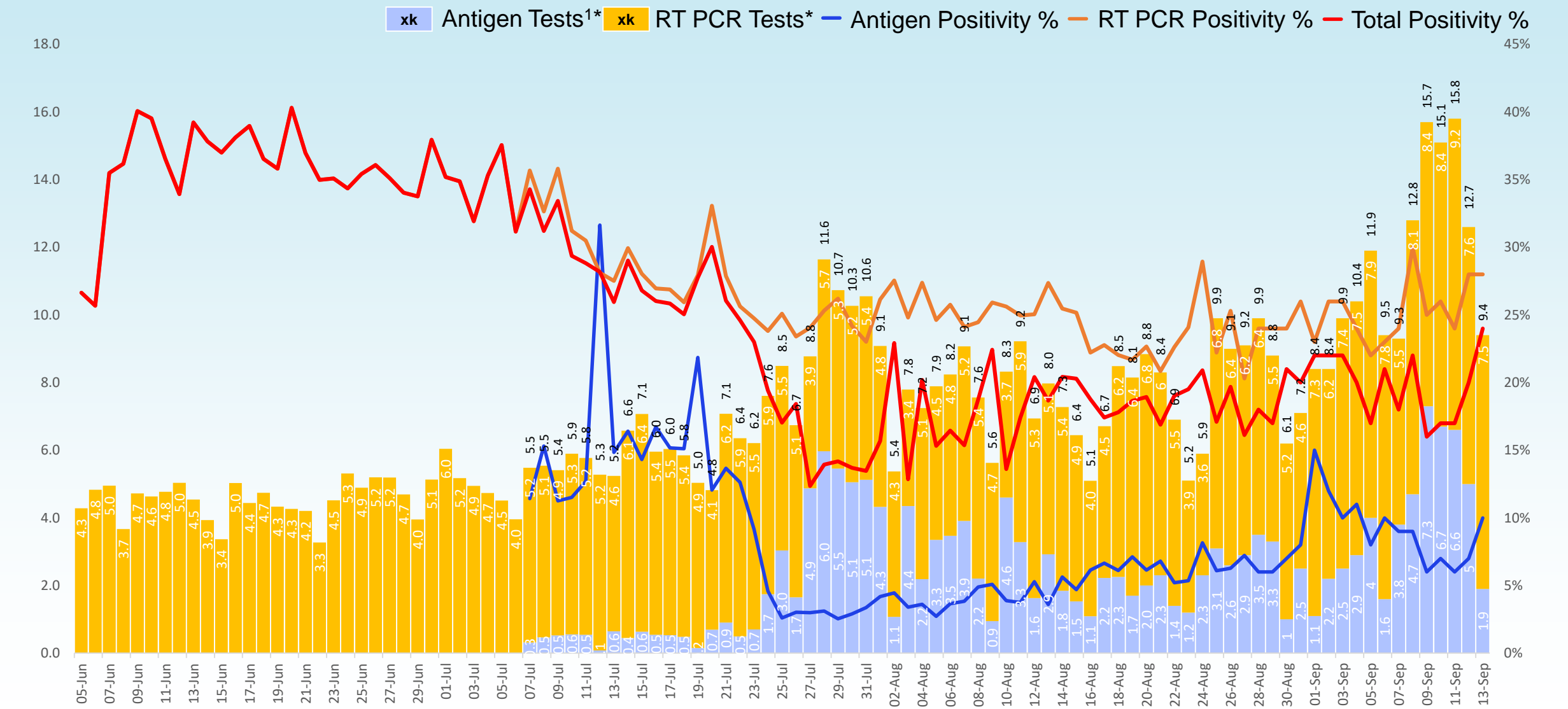
Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 13, 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

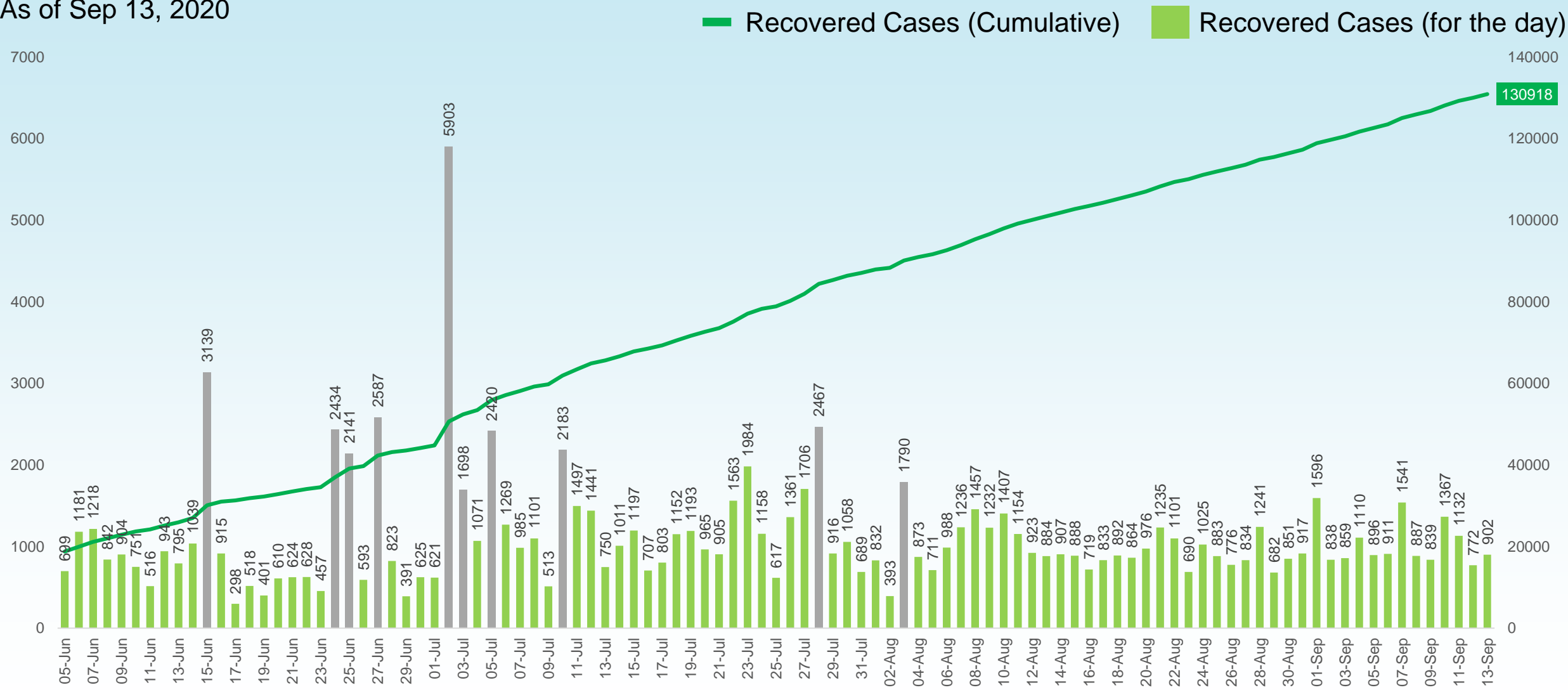


¹Data for Antigen tests is available from Jul 07 onwards

*The tests data is in thousands

Trend of Recovered Cases

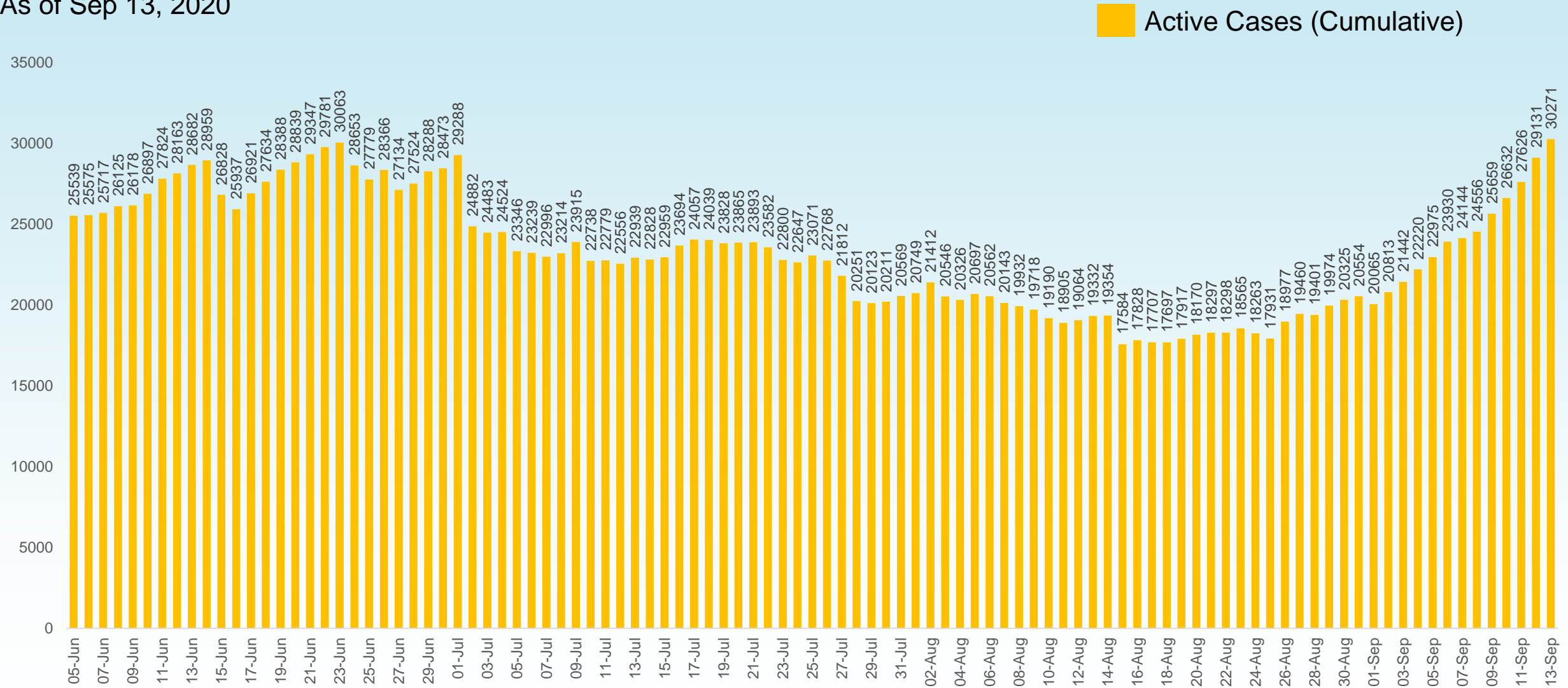
As of Sep 13, 2020



¹Spikes refer to reconciliation and updation for previous days

Trend of Active Cases

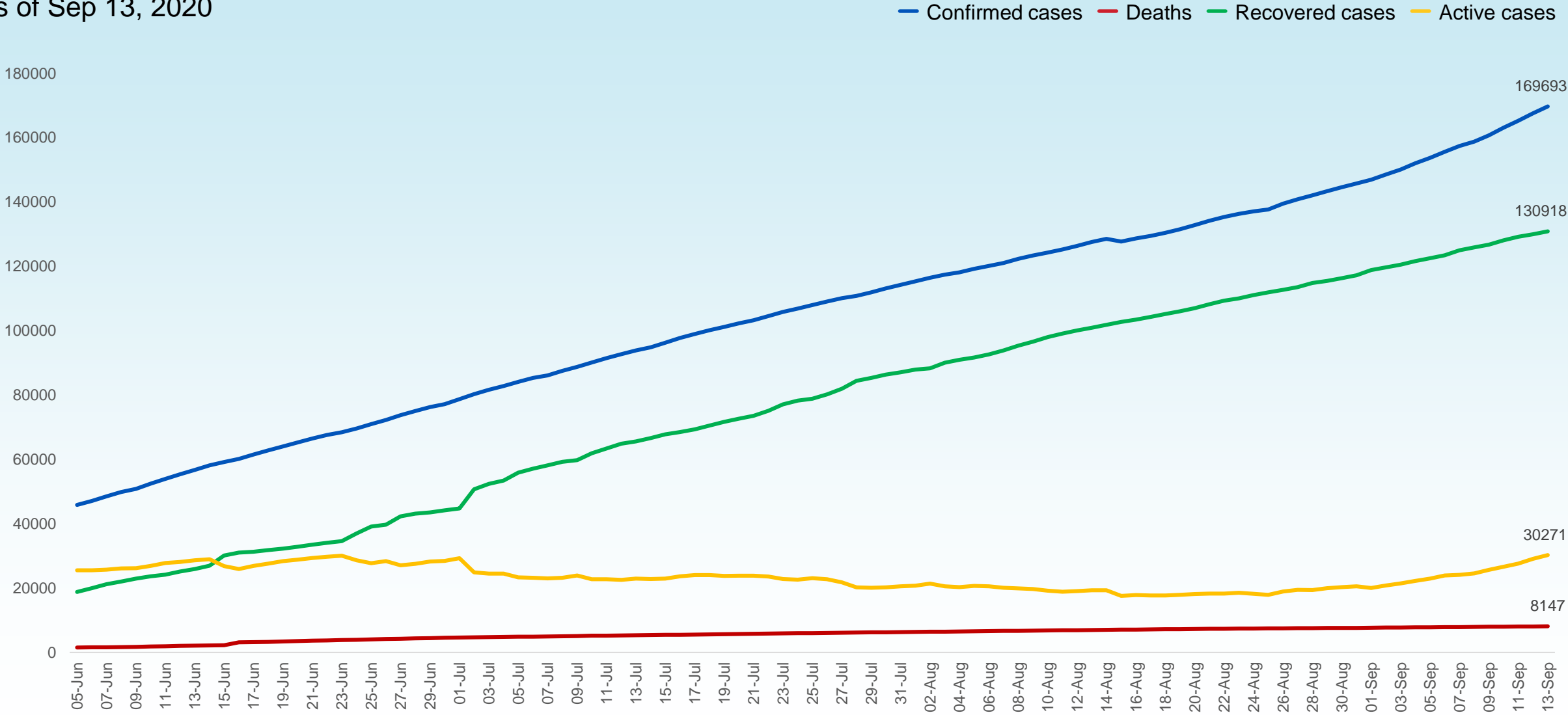
As of Sep 13, 2020





Case summary for Mumbai

As of Sep 13, 2020





Key Trends

Contact tracing and home quarantine

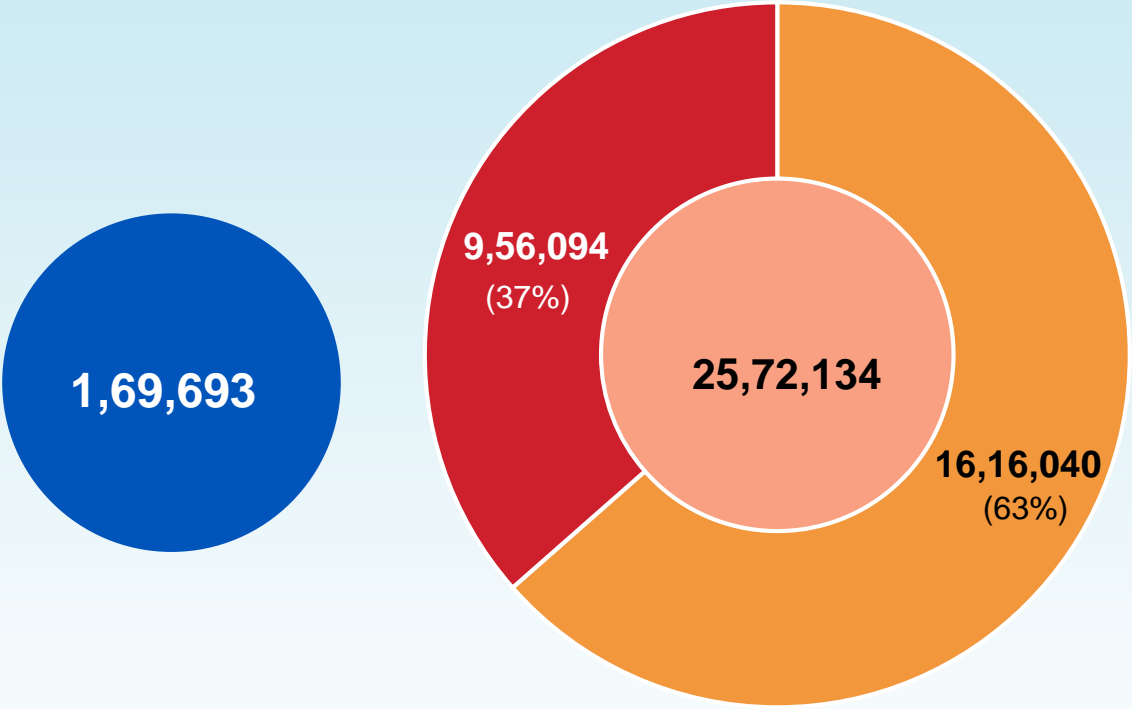
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Update on contact tracing

Summary as of Sep 13, 2020



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

22,67,429
Completed quarantine

3,02,343
In home quarantine,

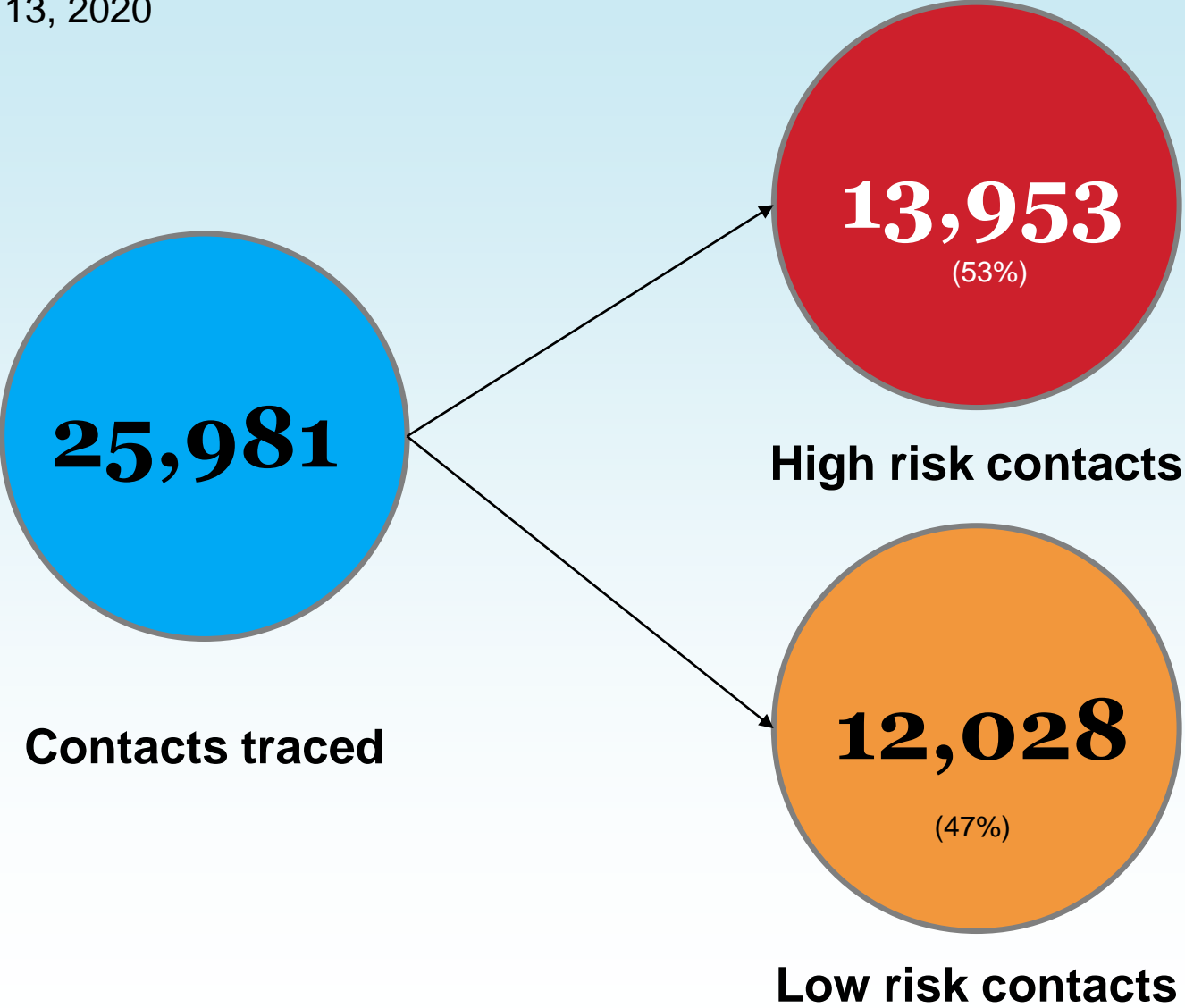
2,362
Currently at institutional
quarantine facilities

1,51,746
Shifted to institutional
quarantine facilities till date

Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 13, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Contact tracing report for last 24 hours

Summary as of Sep 13, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 13, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



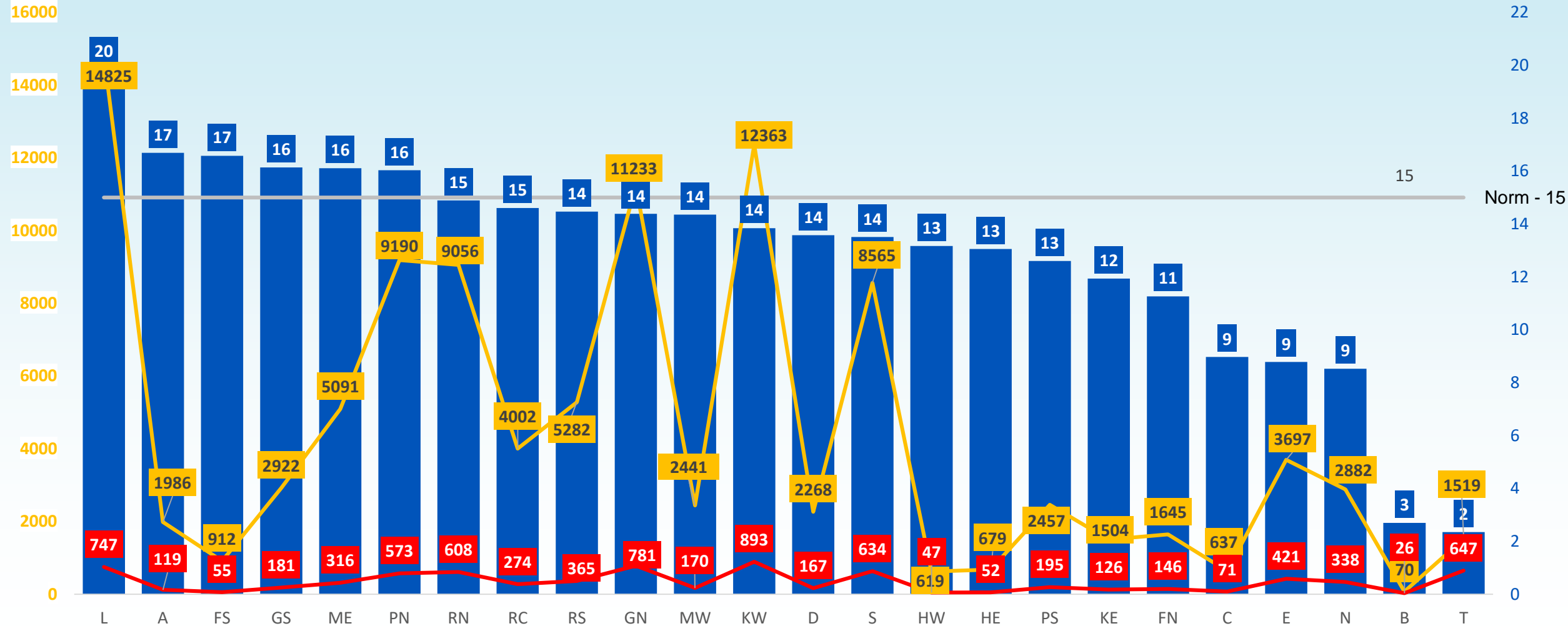
Chase the virus: High Risk Contacts for Index Cases in Slums

As of Sep 13, 2020¹

Positive cases from slums (Not being high risk contacts of earlier cases)⁽¹⁾
Total – 7,952*

No of high risk contacts sent to institutional facilities
Total – 1,05,845*

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



* Data for Ward GS, Ward T is updated as of Aug 12 and for Ward RN is updated as of Aug 10

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

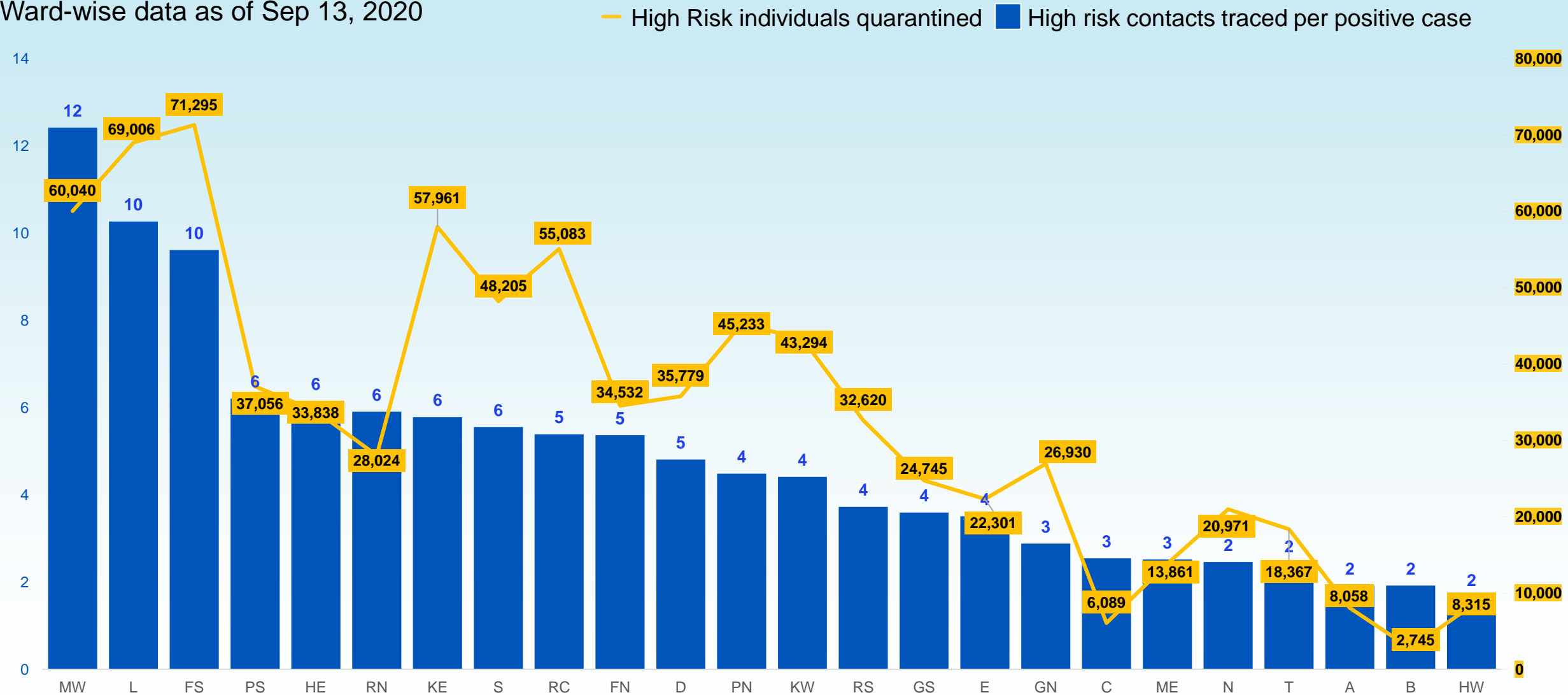
Data subject to change after scrutiny and ongoing verification process

14

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

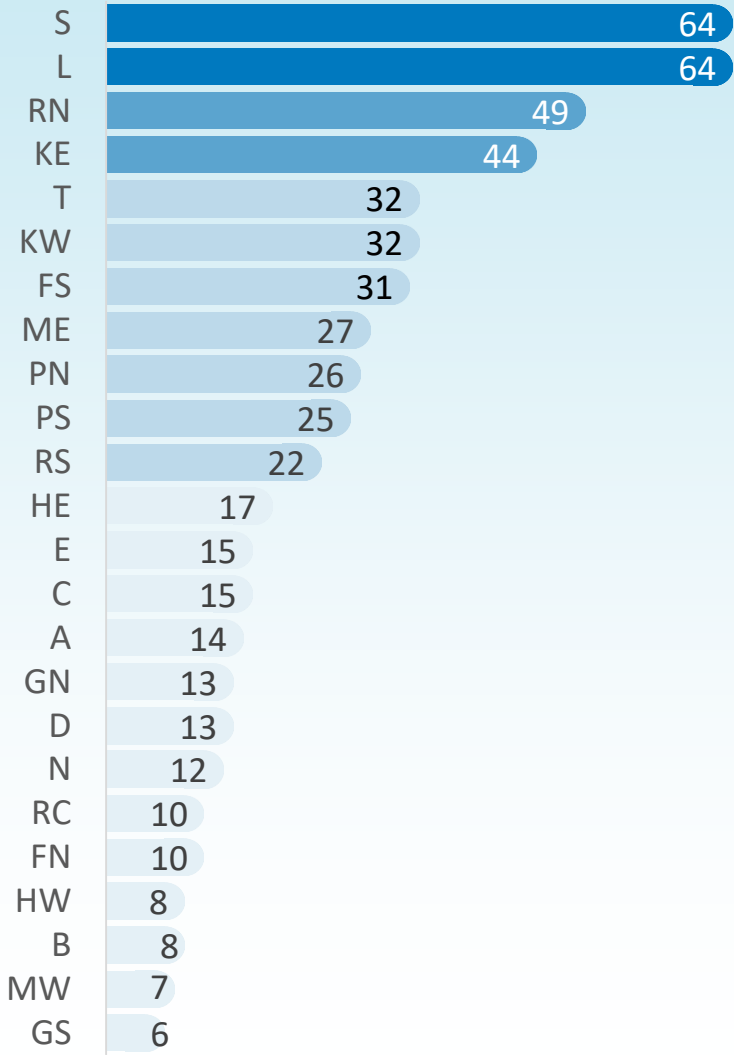
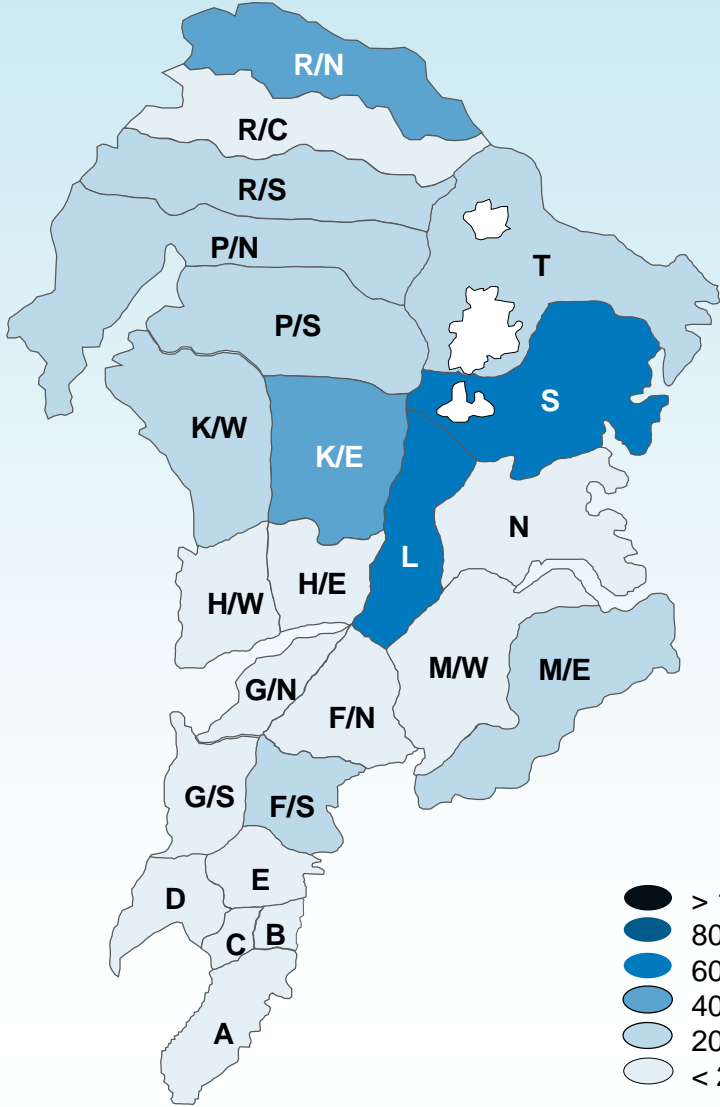


Ward-wise data as of Sep 13, 2020



Ward-wise containment zones – slums and chawls

As of Sep 13, 2020



564 Active Containment Zones

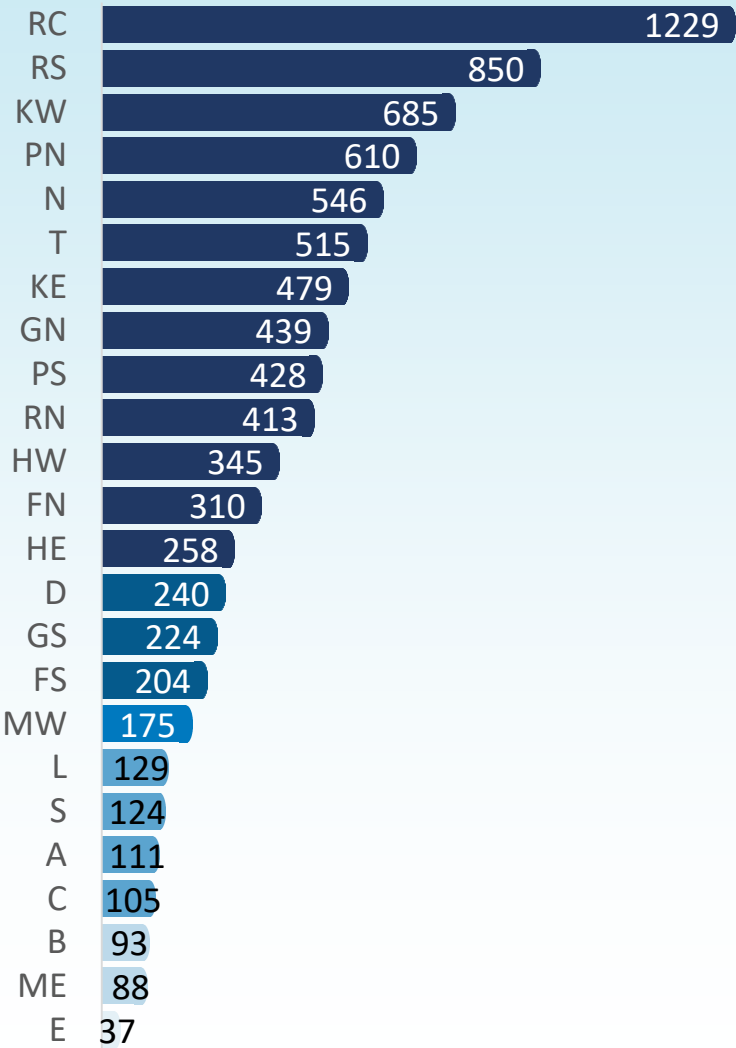
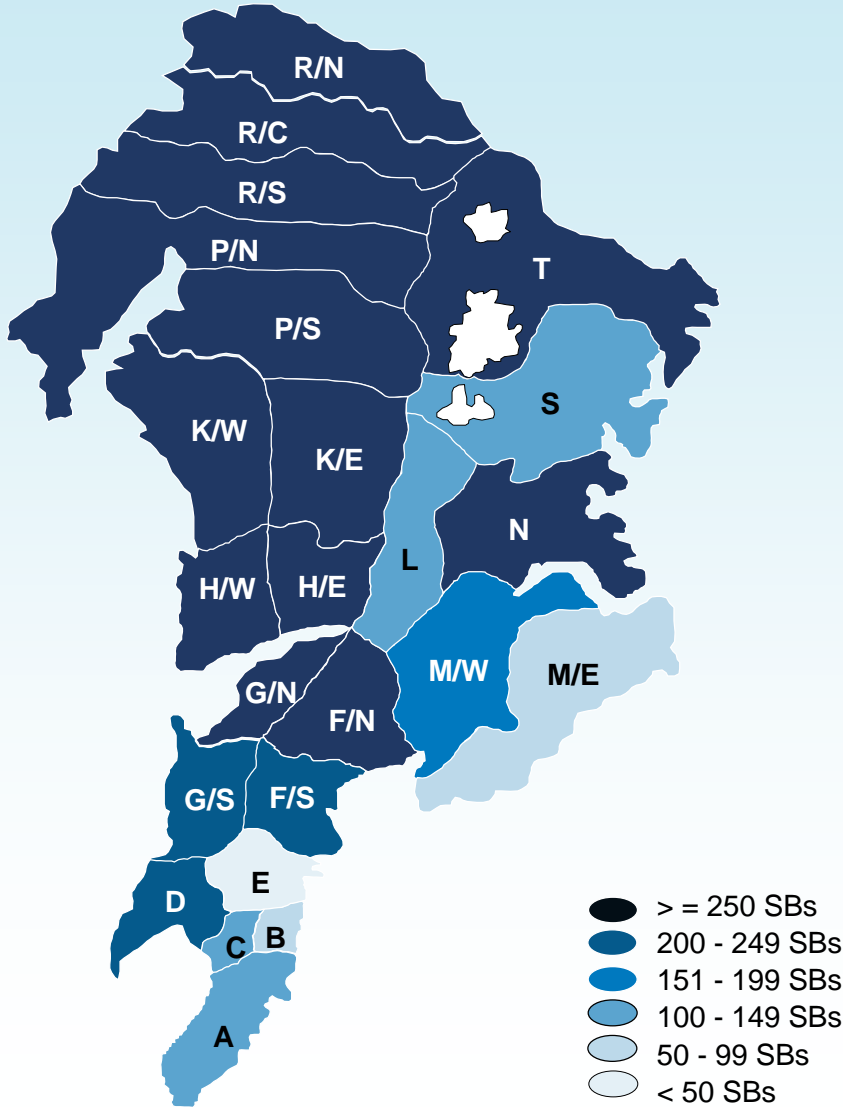
8.3 lacs No. of Households

36.1 lacs Population

1,027 Released Containment Zones

Ward-wise sealed buildings

As of Sep 13, 2020



8,637 *Active*
 Sealed Buildings

2.6 *lacs*
 No. of Households

9.4 *lacs*
 Population

24,458 *Released*
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

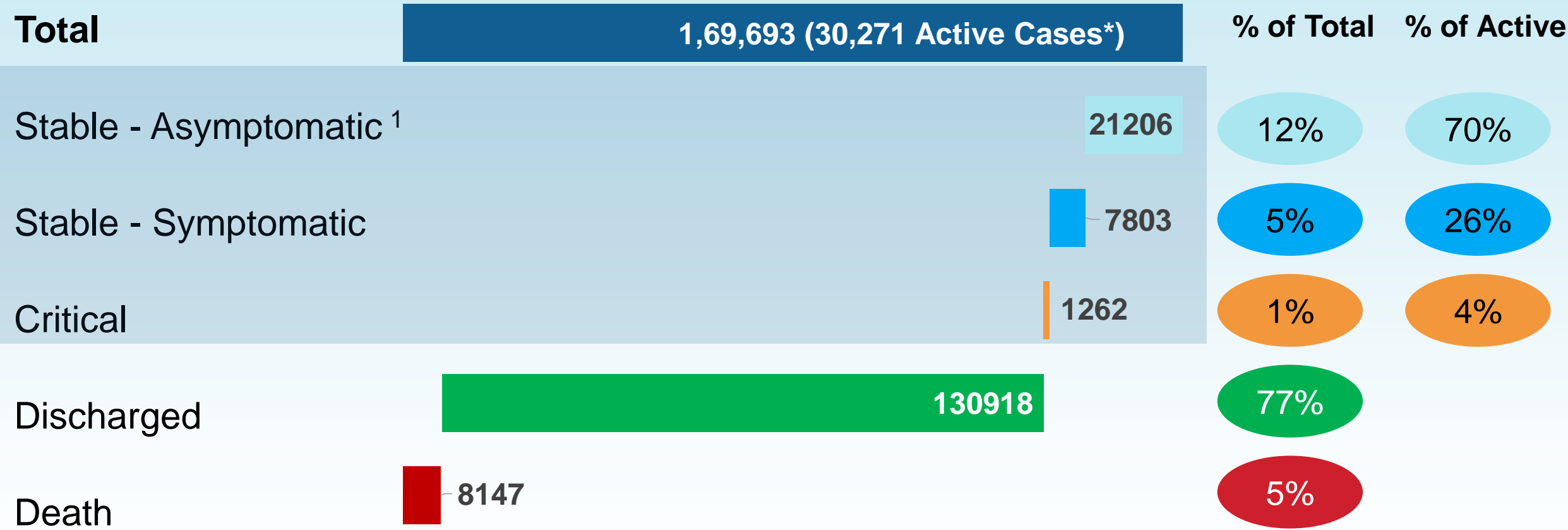
Bed Capacity

Other initiatives



Case summary for Mumbai

As of Sep 13, 2020



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

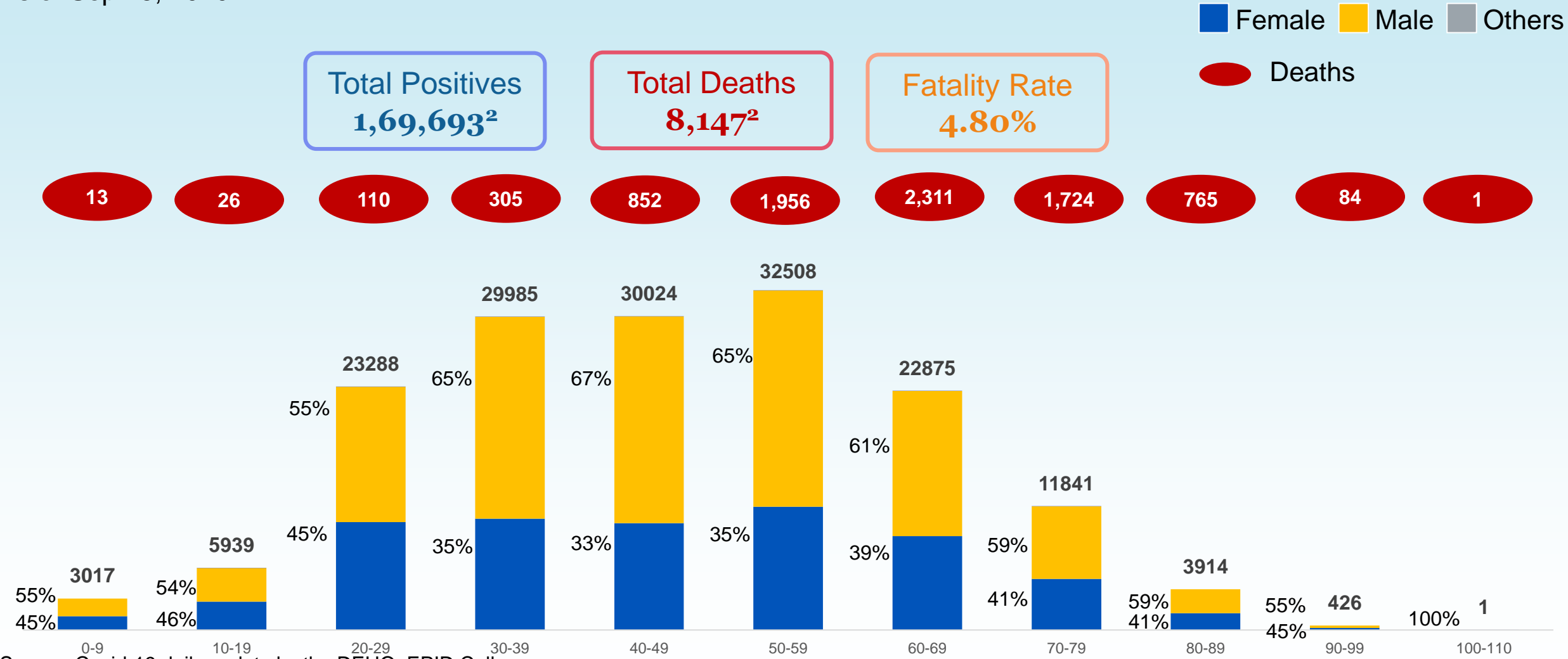
1 As per NCDC ICMR Report, Hospitalized status report (after deducting critical patients) has been considered as Symptomatic; Home Isolation and CCC2 has been considered as Asymptomatic; Difference between the total cases and the above classifications (9,005 cases) has been added to "Stable – Asymptomatic" 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 13, 2020¹



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

¹ Total Age and sex-wise break up is available 1,63,818 cases; age-wise breakup of deaths available for 8,147 cases

² As on Sep 13

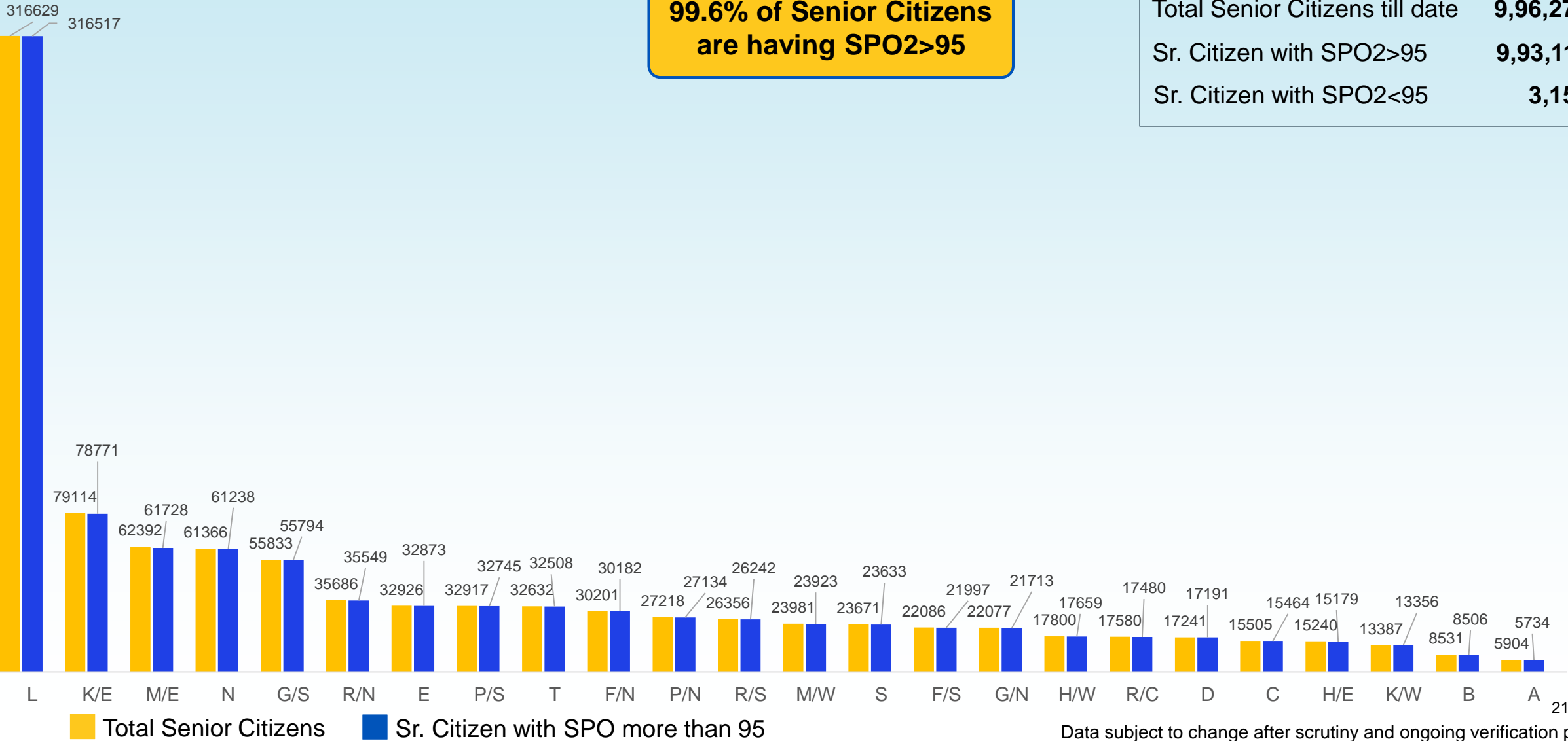


Proactive screening of elderly to protect them and contain mortality

Ward-wise data(progressive) till Sep 13, 2020

99.6% of Senior Citizens are having SPO2>95

Population Screened till date	1,80,29,732
Total Senior Citizens till date	9,96,273
Sr. Citizen with SPO2>95	9,93,116
Sr. Citizen with SPO2<95	3,157



Proactive screening of elderly to protect them and contain mortality

Ward-wise data for Sep 13, 2020

Wards	Total No. of Houses Surveyed	Population Covered	Total No. of Senior Citizens	Sr Citizen SPO2>95	* Sr Citizen SPO2<95
Total (Daily)	32,842	119,571	4,423	4,422	1
R/N	5,782	17,769	257	256	1
A	350	1,302	11	11	0
B	262	1,018	34	34	0
C	613	2,328	52	52	0
D	577	1,911	166	166	0
E	1,269	4,945	322	322	0
F/S	0	0	0	0	0
F/N	0	0	0	0	0
G/S	3,061	11,915	344	344	0
G/N	1,763	6,438	125	125	0
H/E	110	485	28	28	0
H/W	619	2,105	115	115	0
K/E	2,155	6,034	482	482	0
K/W	557	2,219	56	56	0
P/S	1,246	4,015	75	75	0
P/N	2,770	10,182	206	206	0
R/S	3,369	14,112	154	154	0
R/C	378	1,311	28	28	0
L	4,614	19,584	1,279	1,279	0
M/E	495	2,004	244	244	0
M/W	1,117	3,991	172	172	0
N	0	0	0	0	0
S	1,428	5,144	115	115	0
T	307	759	158	158	0

Summary till date

1,80,29,732^{*}

Total Population covered till date

9,96,273

Senior Citizens covered till date

9,93,116

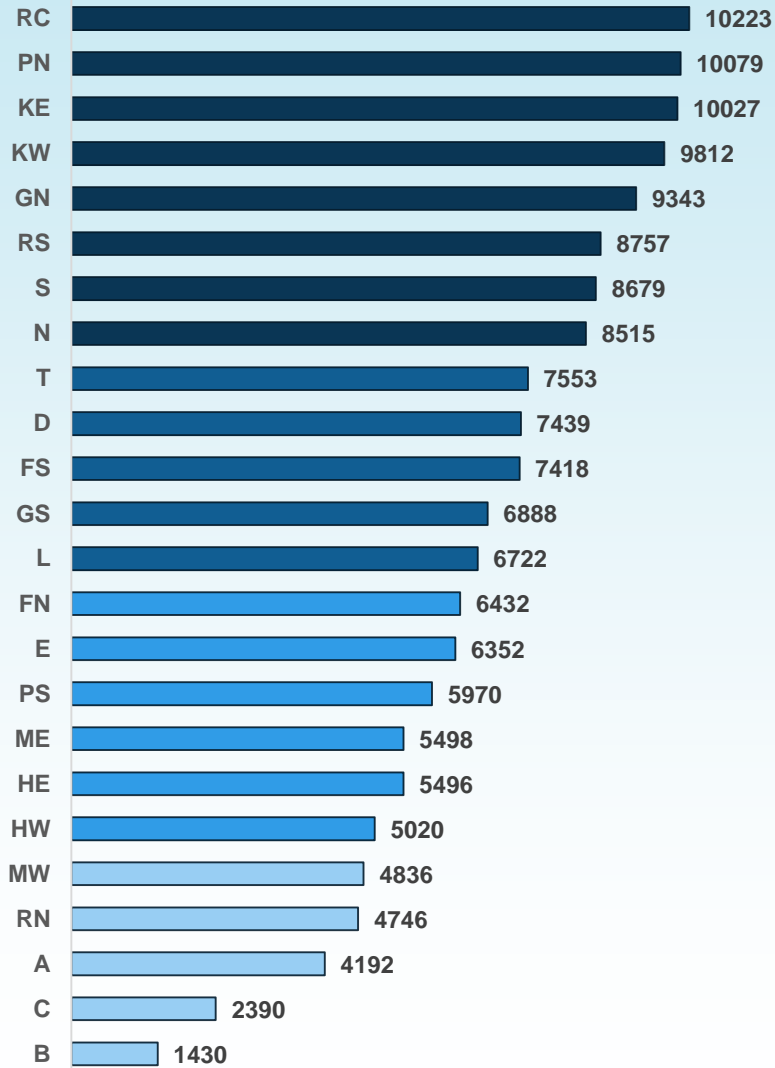
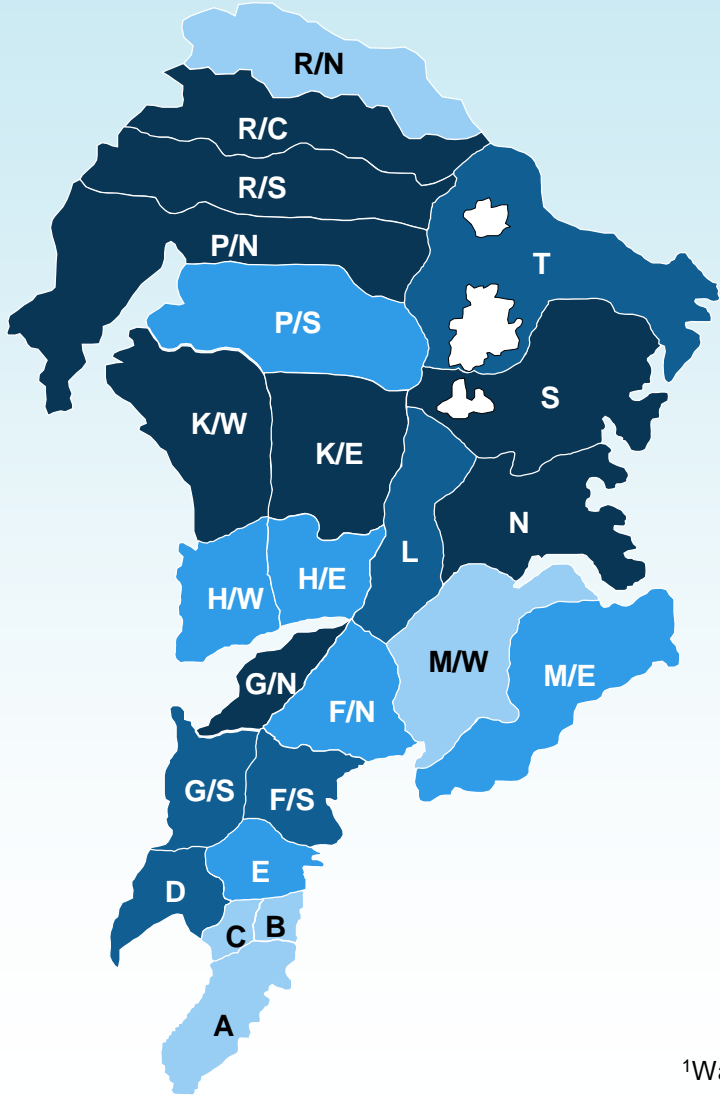
Senior Citizens with SPO2>95
till date

3,157

Senior Citizens with SPO2<95
till date

Ward-wise breakdown of positive cases

As of Sep 13, 2020



7873	311	2039
8298	375	1406
7941	562	1524
7732	346	1734
7519	524	1300
6717	258	1782
6904	491	1284
6707	430	1378
5876	191	1486
5737	267	1435
6111	393	914
5676	428	784
5466	475	781
5097	326	1009
5137	315	900
4672	255	1043
4455	327	716
4375	362	759
3979	214	827
3885	312	639
3531	168	1047
3457	78	657
1977	108	305
1108	97	225
130230	7613	25974

- ≥ 8501 cases
- 6501 – 8500 cases
- 5001 – 6500 cases
- 0 – 5000 cases
- Discharged²
- Deaths³
- Active

Total Positives
1,69,693¹

Total Active
25,974¹

Active = Positive – Discharges – Death

¹Ward-wise breakup is available for 1,63,817 cases (25,974 Active), Total

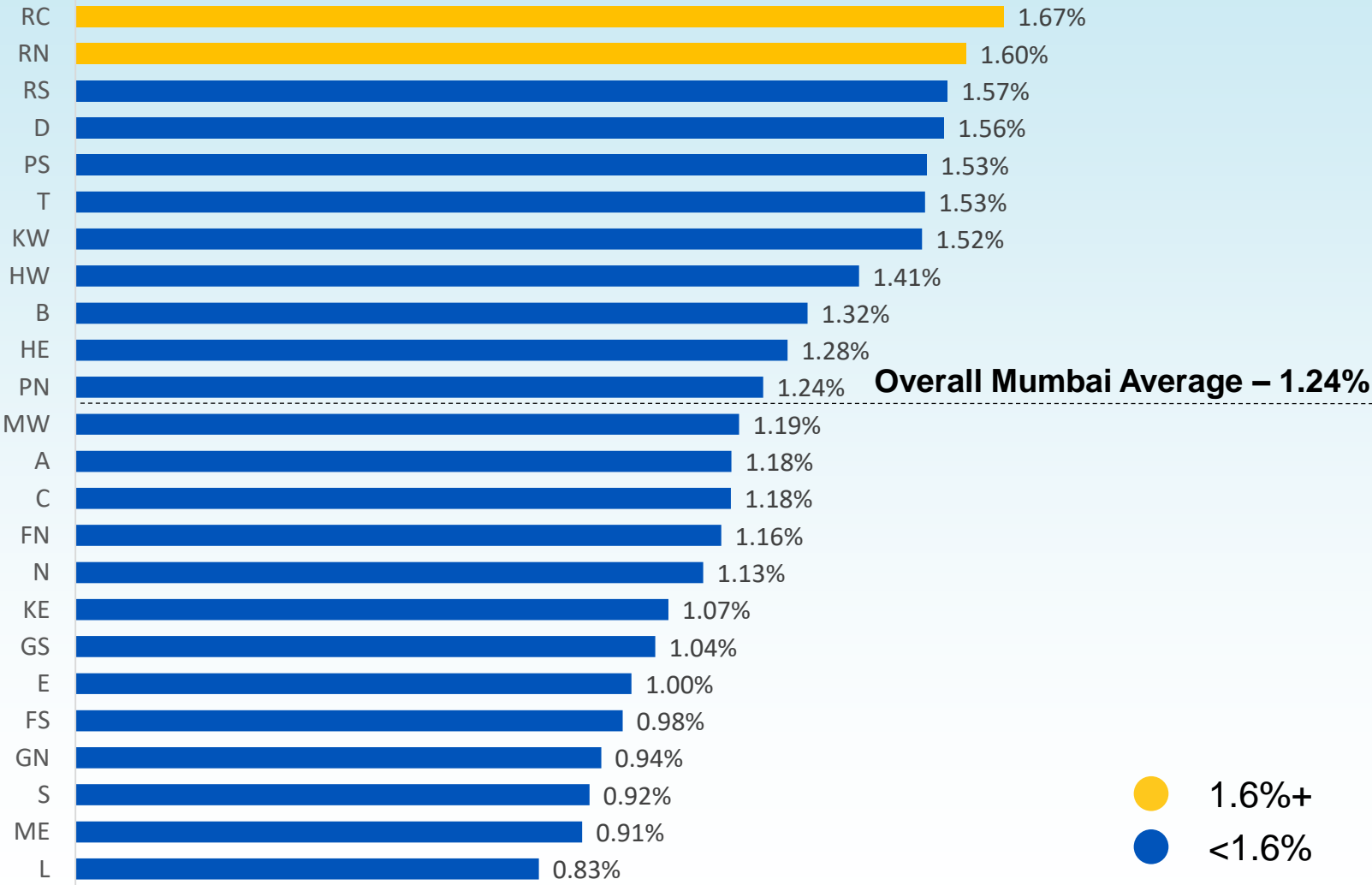
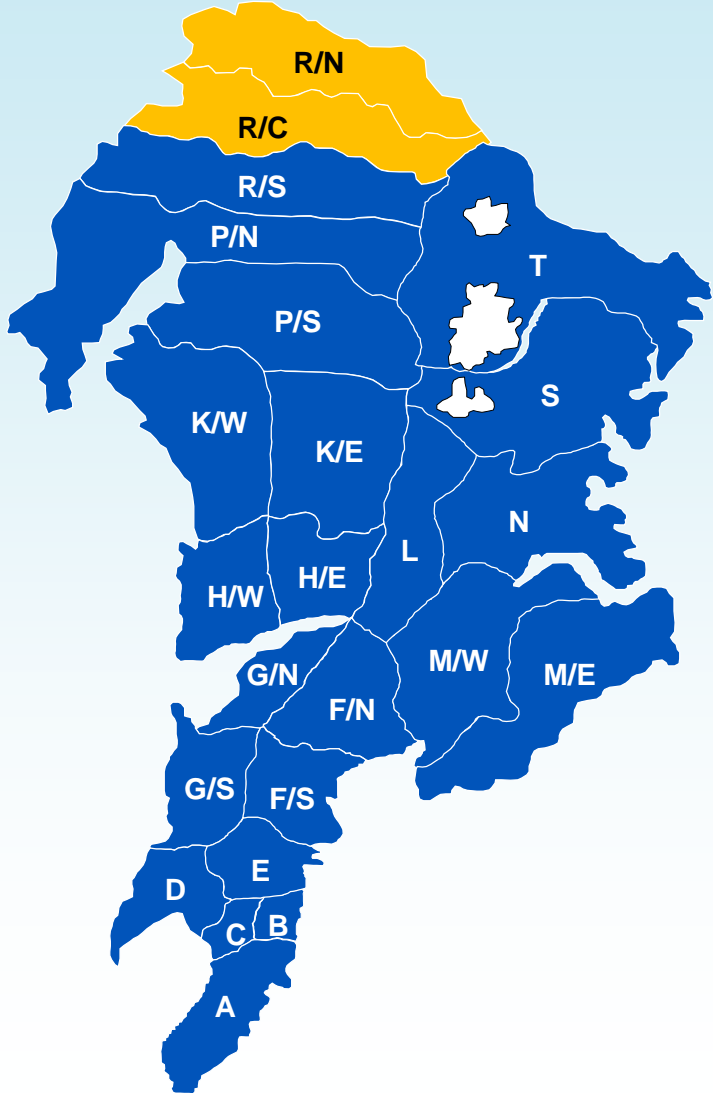
²Discharges as on Sep 13, Available for 1,30,230 cases,

³Deaths as on Sep 13, Available for 7,613 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 13, 2020



Ward-wise new cases

Positive cases for the last 7 days till Sep 13, 2020¹

Date of report	RC	RN	D	RS	KW	PS	T	HW	B	HE	PN	MW	A	C	FN	N	KE	GS	E	FS	GN	S	ME	L	Grand Total
Area>>>	Borivali	Dahisar	Grant Road	Kandivali	Andheri W	Goregaon	Mulund	Bandra	Sandhurst Road	Khar	Malad	Chembur W	Colaba	Marine Lines	Matunga	Ghatkopar	Andheri E	Elphinstone	Byculla	Parel	Dadar	Bhandup	Chembur E	Kurla	
As on 06th Sep	9105	4247	6675	7854	8828	5368	6793	4552	1305	5028	9249	4451	3862	2202	5933	7872	9310	6406	5925	6927	8748	8138	5160	6343	150281
07-Sep	125	40	63	121	115	91	101	67	13	77	91	37	40	17	58	103	76	64	38	41	69	69	40	58	1614
08-Sep	118	35	131	75	94	70	92	38	10	42	74	30	47	21	47	79	92	51	49	60	41	68	29	32	1425
09-Sep	169	85	109	133	169	91	128	68	19	59	158	72	42	21	83	87	87	67	78	81	95	109	56	49	2115
10-Sep	196	102	118	147	127	93	96	69	22	74	152	66	28	29	91	108	111	94	75	104	89	83	69	84	2227
11-Sep	151	71	85	147	152	98	125	85	16	81	100	52	41	36	67	101	117	75	66	77	95	81	49	52	2020
12-Sep	192	98	132	164	181	76	111	61	20	68	143	64	58	27	71	99	115	60	72	66	120	63	50	63	2174
13-Sep	167	68	126	116	146	83	107	80	25	67	112	64	74	37	82	66	119	71	49	62	86	68	45	41	1961
As on 13th Sep	10223	4746	7439	8757	9812	5970	7553	5020	1430	5496	10079	4836	4192	2390	6432	8515	10027	6888	6352	7418	9343	8679	5498	6722	163817
Days to double	42	44	45	45	46	46	46	50	53	55	56	58	59	59	60	62	65	67	70	71	74	75	76	84	56

Wards <= 45 days to double

- Ward RC
- Ward RN
- Ward D
- 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 13, 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

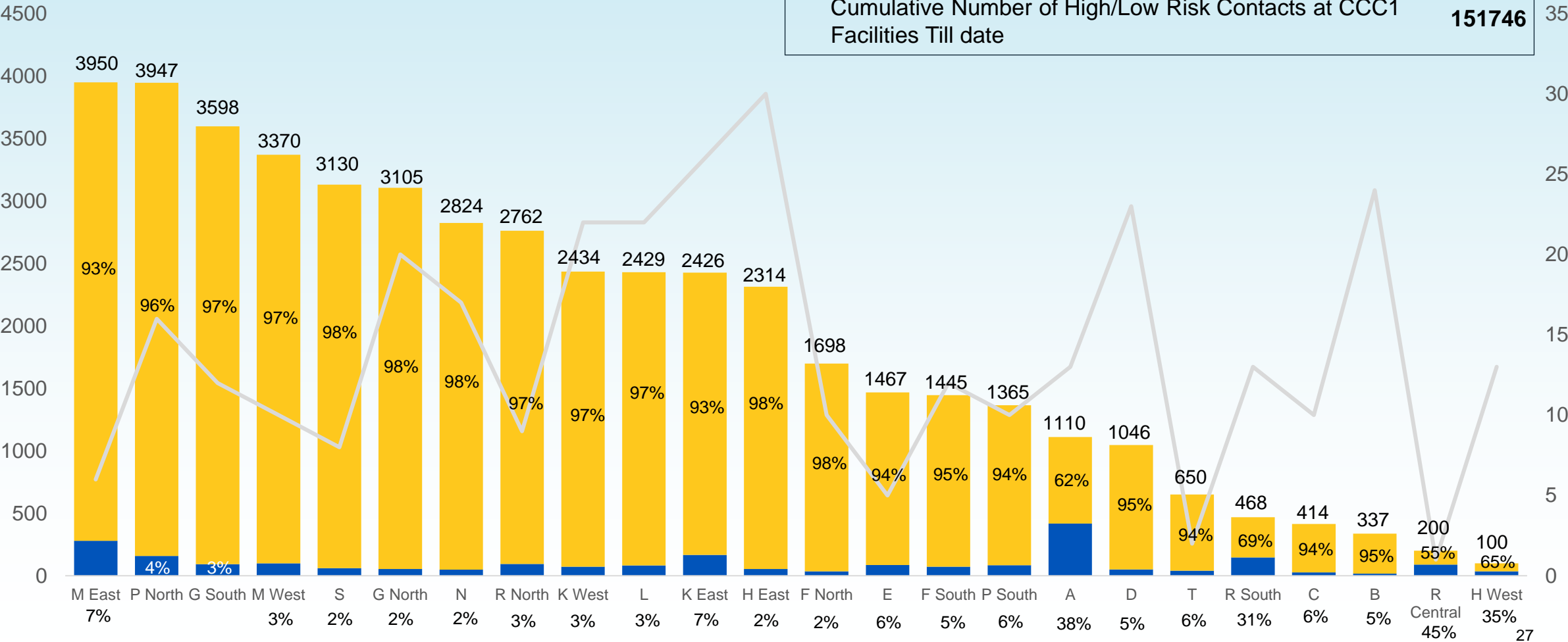
Other initiatives



Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 13, 2020

No. of CCC1 Facilities identified for High/Low Risk Contacts	334
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2362
Available capacity	44227
Total Capacity	46589
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	151746



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

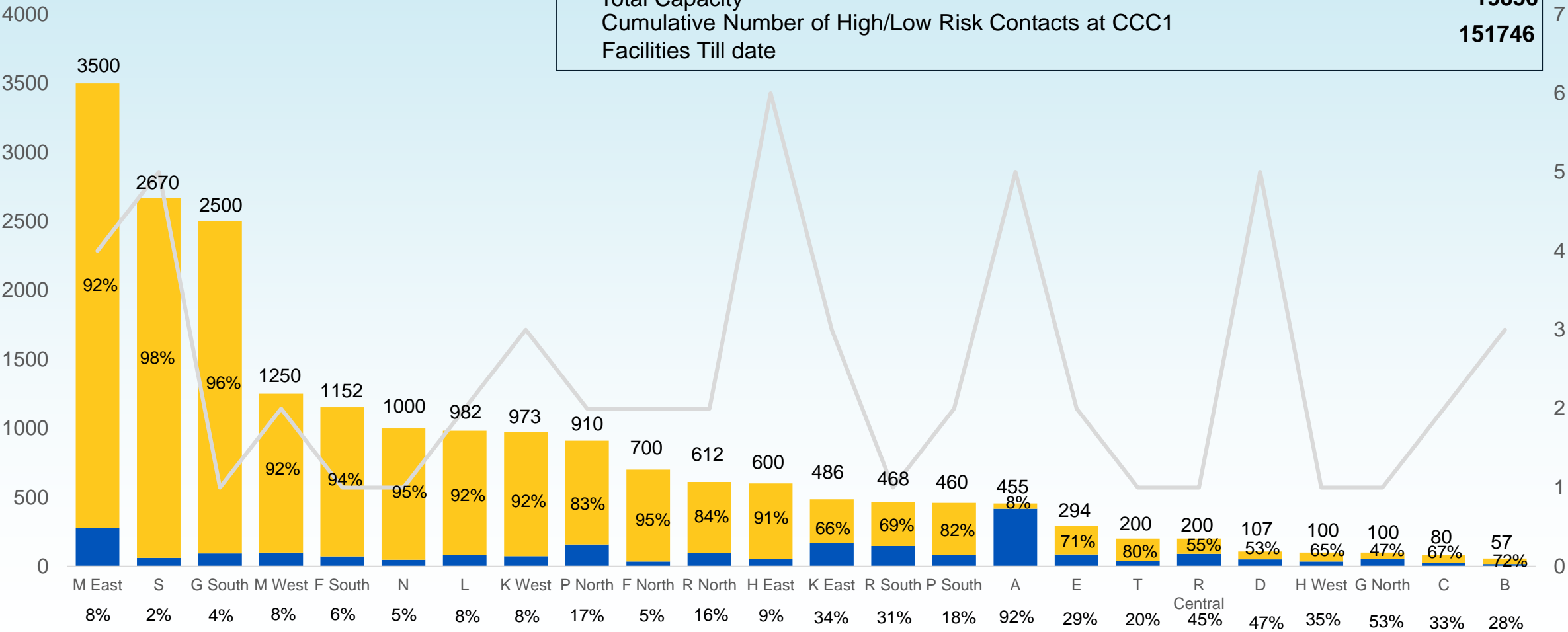
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 13, 2020

No. of ACTIVE and BUFFER CCC1 Facilities identified for High/Low Risk Contacts	58
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2362
Available capacity	17494
Total Capacity	19856
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	151746



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

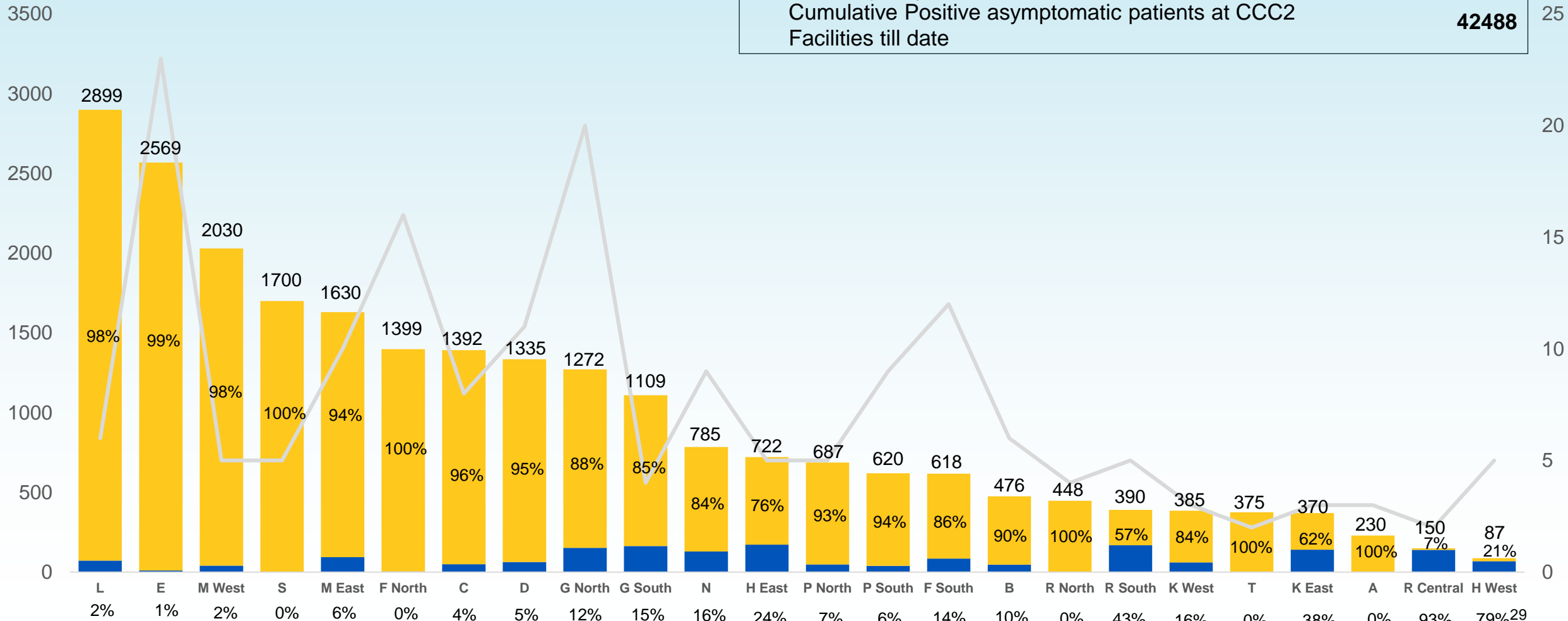
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 13, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	181
Number of positive asymptomatic patients shifted to CCC2 Facilities	1750
Available capacity	21928
Total Capacity	23678
Cumulative Positive asymptomatic patients at CCC2	42488
Facilities till date	



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

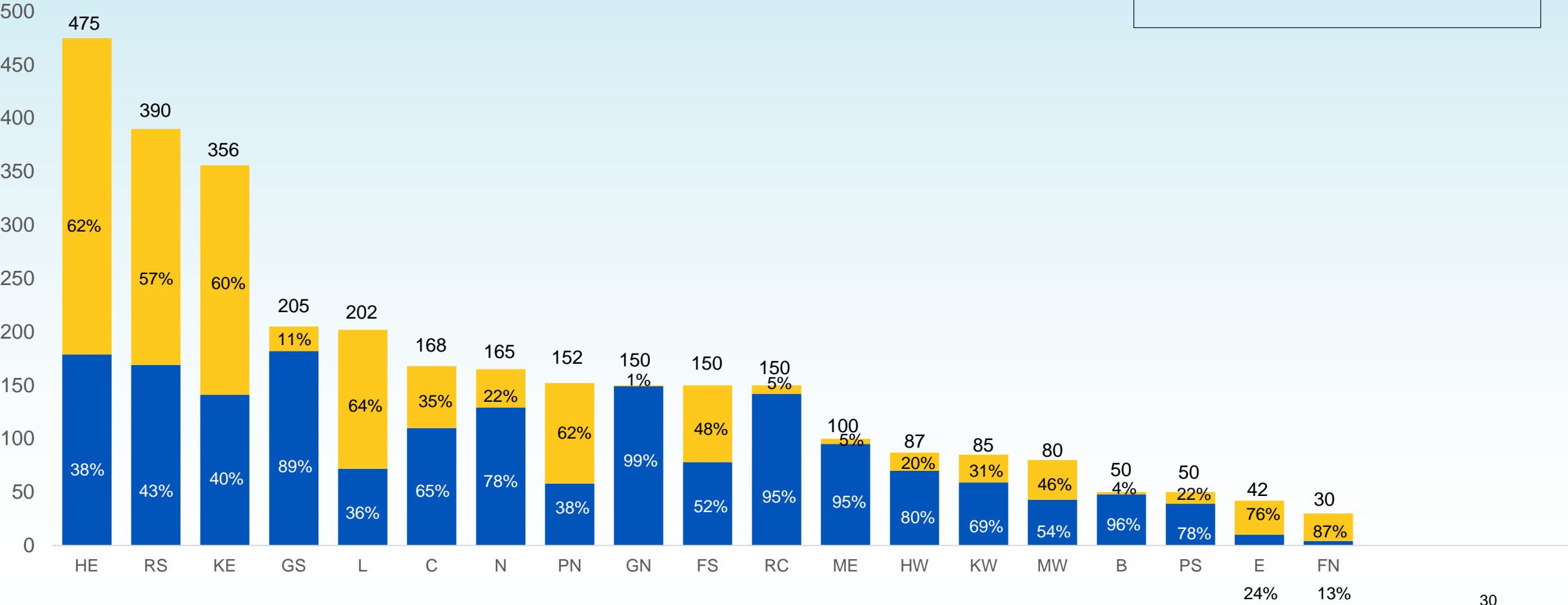
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 13, 2020

Beds occupied	1777
Available capacity	1310
Total capacity	3087
Cumulative patients till date	37397



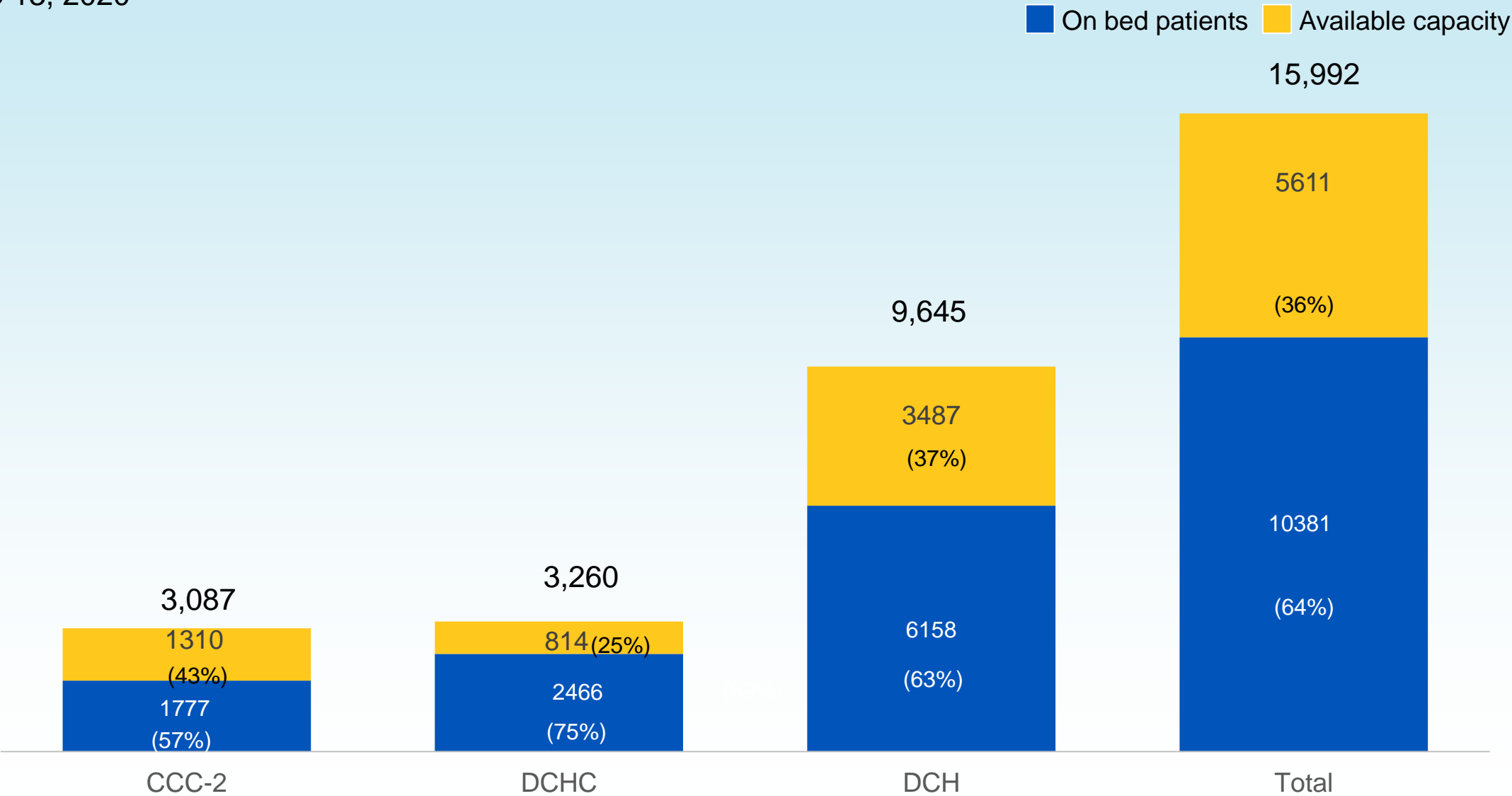
Source: "CCC2 line list"

Data subject to change after scrutiny and ongoing verification process



Summary of total bed capacity

As of Sep 13, 2020



Source: At a glance facilities & DMU dashboard

Data subject to change after scrutiny and ongoing verification process

Covid19 Bed Management

Data as on 02:30 PM, Sep 14, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
Total	12,905	8,604	4,301
ICU Beds	1,418	1,327	91
Regular	1,384	1,306	78
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	11,487	7,277	4,210
Quarantine for Suspect	890	568	322
Isolation for Positives	10,207	6,541	3,666
Pregnancy	213	54	159
Others (Cancer + Dialysis)	177	114	63
<i>O2 Beds*</i>	7,876	5,048	2,828
<i>Ventilators*</i>	959	897	62

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

Summary of total bed capacity

Data as on 02:30 PM, Sep 14, 2020 , Subject to change

		COVID Beds				
		Total	ICU Beds	Normal Beds		O2 Beds* Ventilators*
Capacity	Total	12,905	1,418	11,487		7,876 959
	Public Hospitals	10,578	889	9,689		6,444 690
	Pvt Hospitals	2,327	529	1,798		1,432 269
Occupancy	Total	8,604	1,327	7,277		5,048 897
	Public Hospitals	6,475	825	5,650		3,732 646
	Pvt Hospitals	2,129	502	1,627		1,316 251
Vacancy	Total	4,301	91	4,210		2,828 62
	Public Hospitals	4,103	64	4,039		2,712 44
	Pvt Hospitals	198	27	171		116 18

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



Key Trends

Contact tracing and home quarantine

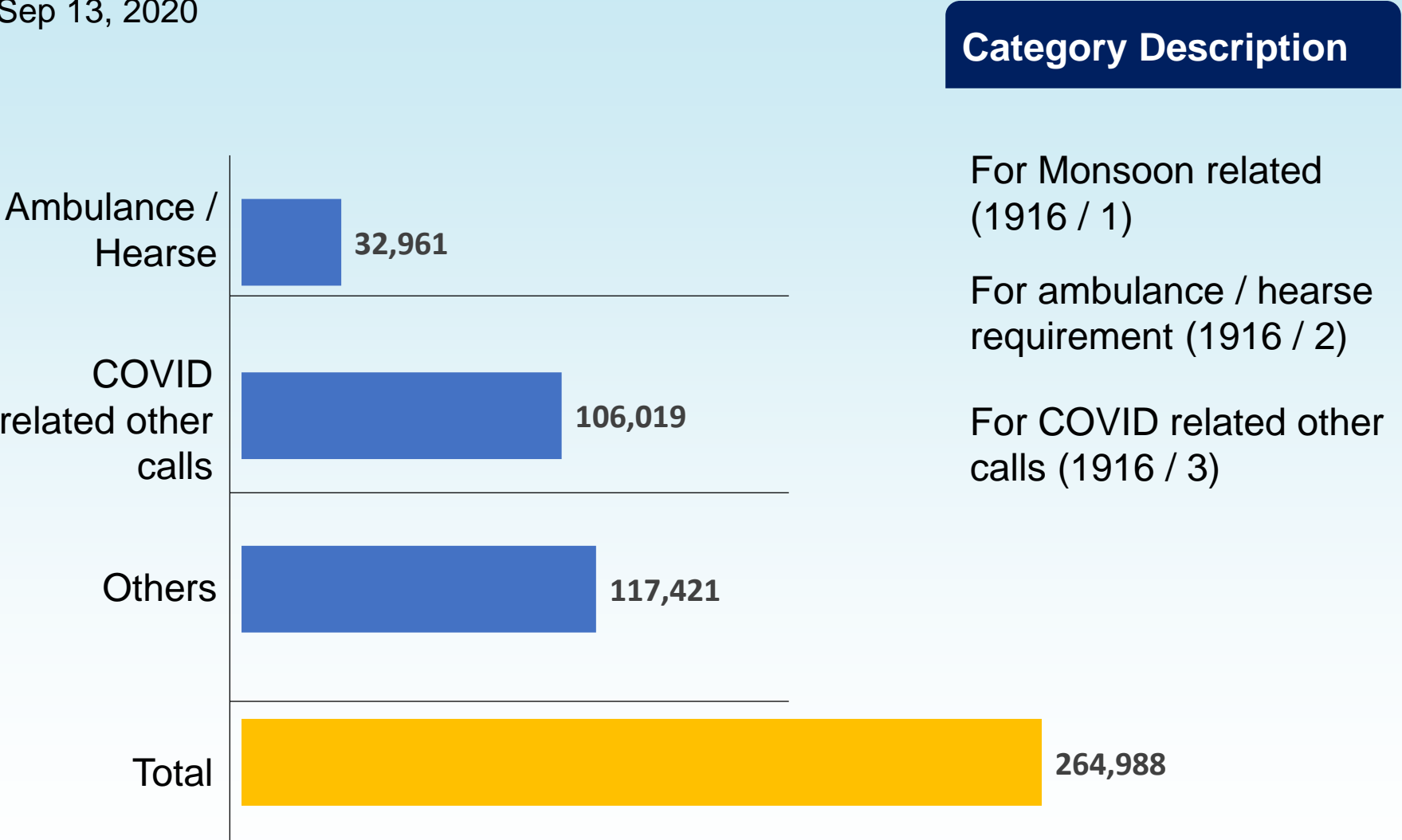
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Call Center update

For all calls received from April 24 to Sep 13, 2020



Management of Waste from Quarantined Areas

September 8, 2020



Waste Collected (in Kgs)

COVID BMW (in Kgs)
13,189

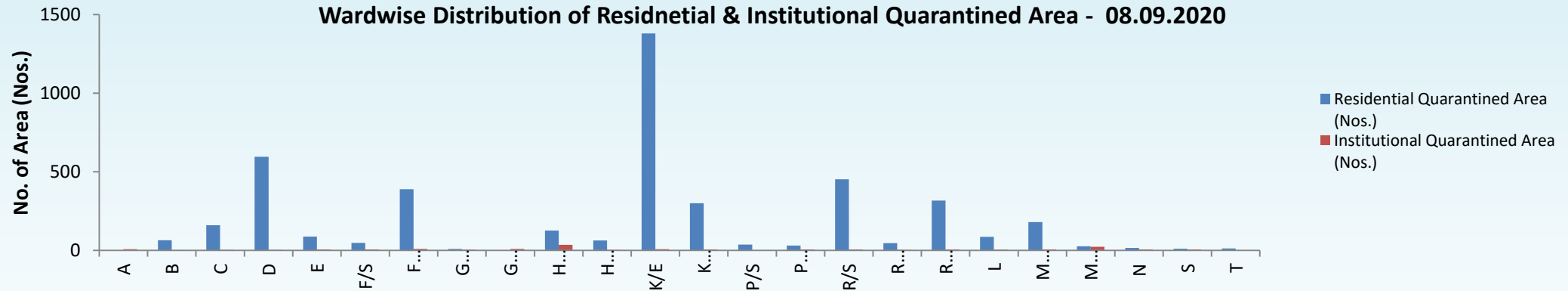
MCGM Quarantine BMW (in Kgs)
2,811

Total BMW (in Kgs):
16,000.0

Total MSW Collected by MCGM from Quarantined Area (in Kgs):
65,100.0

Total MSW & BMW Collected by MCGM from Quarantined Area(in Kgs): **81,100**

Wardwise Distribution of Residential & Institutional Quarantined Area - 08.09.2020



Wardwise Distribution of Total BMW & MSW Collected- 08.09.2020



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

Thank you

