

BMC Covid-19 Response War Room Dashboard

Sep 21, 2020



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Mumbai COVID19 status at a glance

As of Sep 20, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 02:30 PM, Sep 21, 2020)		CCC1 Facilities			Contact Tracing	Past 24hrs	Cumulative
Total Positive	1,84,313	Bed Capacity (DCHC+DCH+CCC2)	17,797	Facilities (#)	Bed Capacity	Occupancy	Total Traced	31,490	27,92,442
		Occupied	11,876				High Risk	17,890	10,76,348
Discharged	1,47,807	Available	5,921	Total	334	46,589	2,347	Low Risk	13,600
									17,16,094
Deaths	8,466	DCH & DCHC Bed Capacity	14,822	Active	44	17,783	2,347	Total Quarantine Completed	23,75,877
Deaths with Age > 50yrs – 7,127)		Occupied	10,242	Buffer	15	2,247	-	Currently in Home Quarantine	4,14,218
		Available	4,580	Reserve [#]	275	26,559	-	Others	
Total Active	27,664	ICU Bed Capacity	1,916	CCC2 Facilities			Senior Citizens Screened till date		10,29,057
Stable – Asymptomatic	18,375	Occupied	1,723	Facilities (#)	Bed Capacity	Occupancy	Senior Citizens with SPO2 > 95		10,25,871
Stable - Symptomatic	7,966	Available	193	Total	181	23,689	1,723	Active Containment Zones – Slums & Chawls	611
Critical	1,323	O2 Bed Capacity	8,932	Active	24	2,928	1,723	Active Sealed Buildings	9,865
		Occupied	5,991	Buffer	13	2,265	-	Calls Centre Calls Flow	2,74,807
		Available	2,941	Reserve [#]	144	18,496	-		
Tests Done (till date)	10,12,423	Ventilator Bed Capacity	1,133	# Facilities that have been deactivated and can be used as per need					
% of Positive (till date)	18.20	Occupied	1,035						
		Available	98						
Ward wise positive cases									

Ward wise positive cases

Wards	HW	RC	KW	RN	D	FN	RS	T	C	MW	B	PS	PN	ME	A	KE	HE	N	E	S	GS	GN	FS	L	Overall Mumbai
Positive Cases	5711	11450	10939	5290	8174	7068	9638	8287	2621	5283	1554	6492	10922	5956	4535	10838	5923	9164	6809	9285	7354	9965	7879	7136	
Days to double	38	43	45	45	51	51	51	52	53	55	58	58	60	61	62	62	65	66	70	72	74	75	80	81	57

1 Ward-wise break up is as on Sep 20, 2020, available for 1,78,273 cases

Data subject to change after scrutiny and ongoing verification process



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

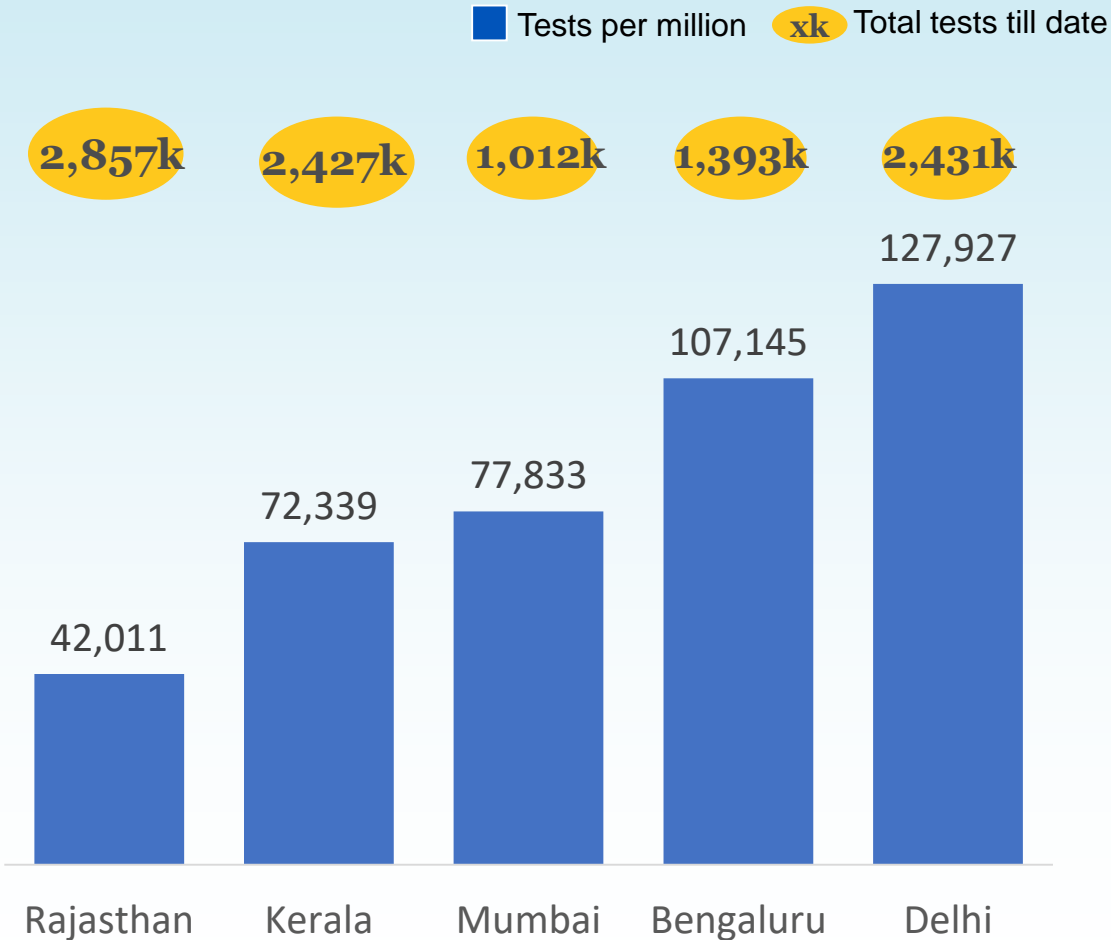
Bed Capacity

Other initiatives

Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Sep 20, 2020

Tests per million



Source: Government COVID bulletins as of Sep 20 2020

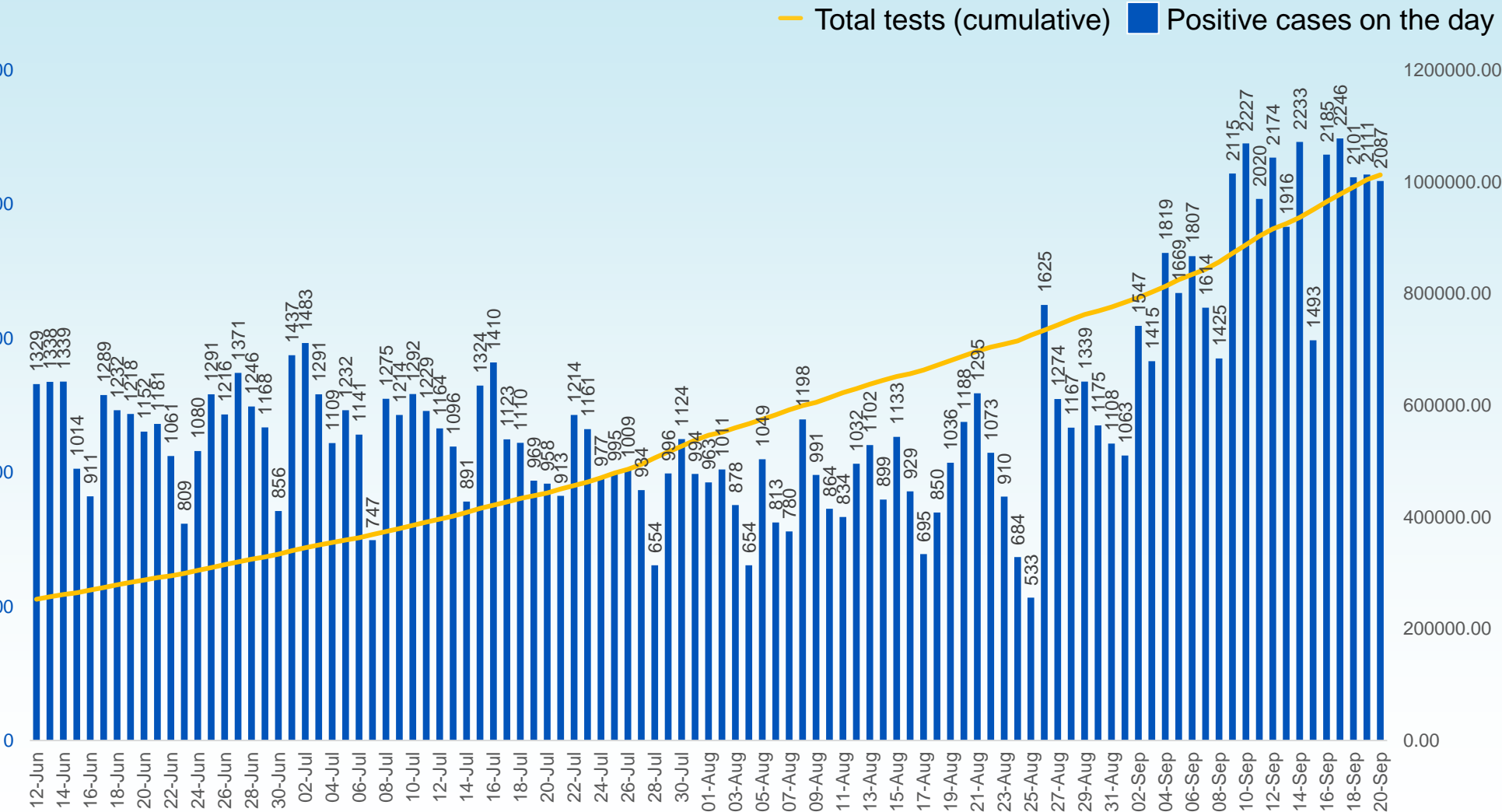
* Data as on Sep 19 2020

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

State	Cases	Tests	Tests per million
Bengaluru	194,760	1,392,880	107,145
Mumbai	184,313	1,012,423	77,833
Delhi*	238,828	2,430,613	127,927
West Bengal	225,137	2,790,518	30,928
Gujarat	123,175	3,797,530	61,250
Kerala	135,721	2,427,374	72,339
Maharashtra*	1,188,015	5,879,205	47,583
Rajasthan	114,989	2,856,718	42,011
Tamil Nadu	541,993	6,474,656	193,923

Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 20, 2020



Summary till date

1,84,313¹

Total positive cases

10,12,423

Total tests conducted

18.20%

Positive cases as a % of total tests

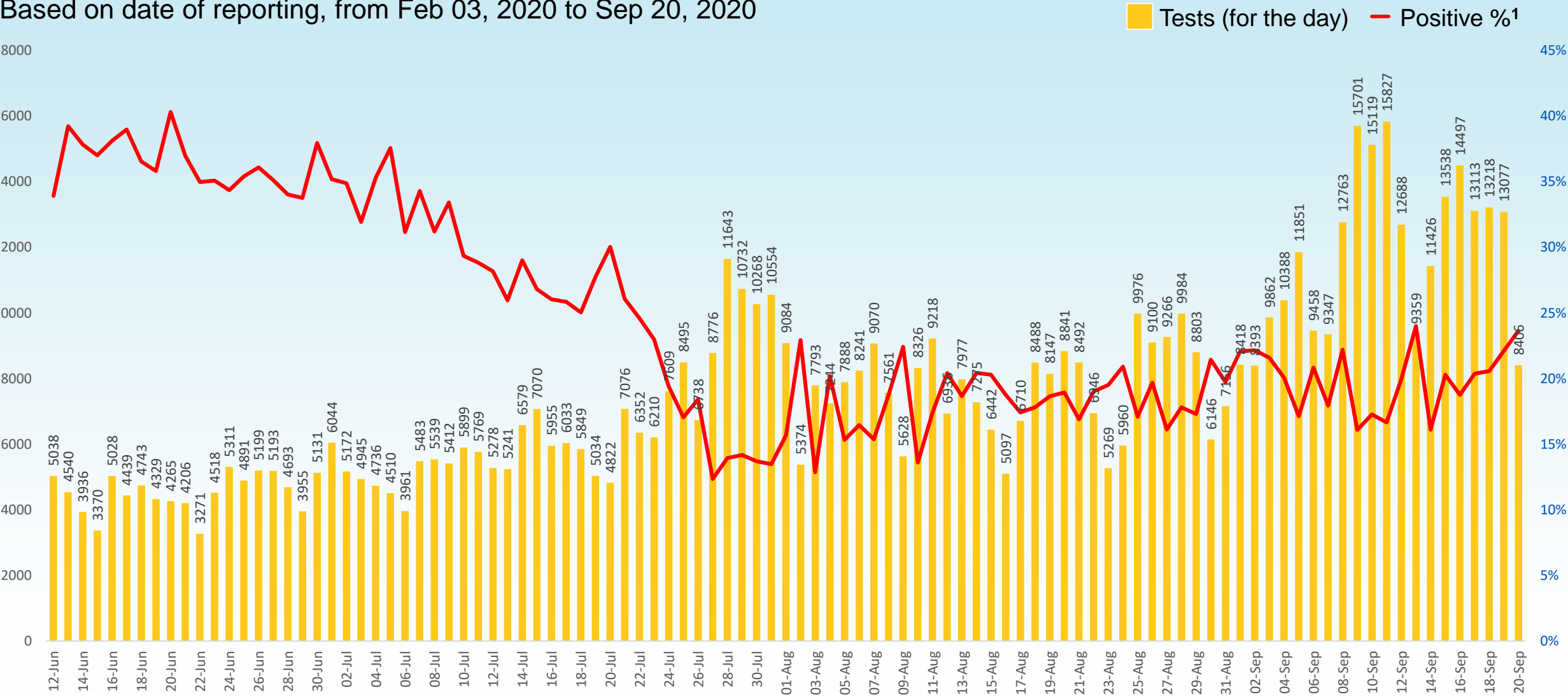
1 Total Positive cases as on Sep 20, Total cases as of Sep 20 as per line list is 1,78,273

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

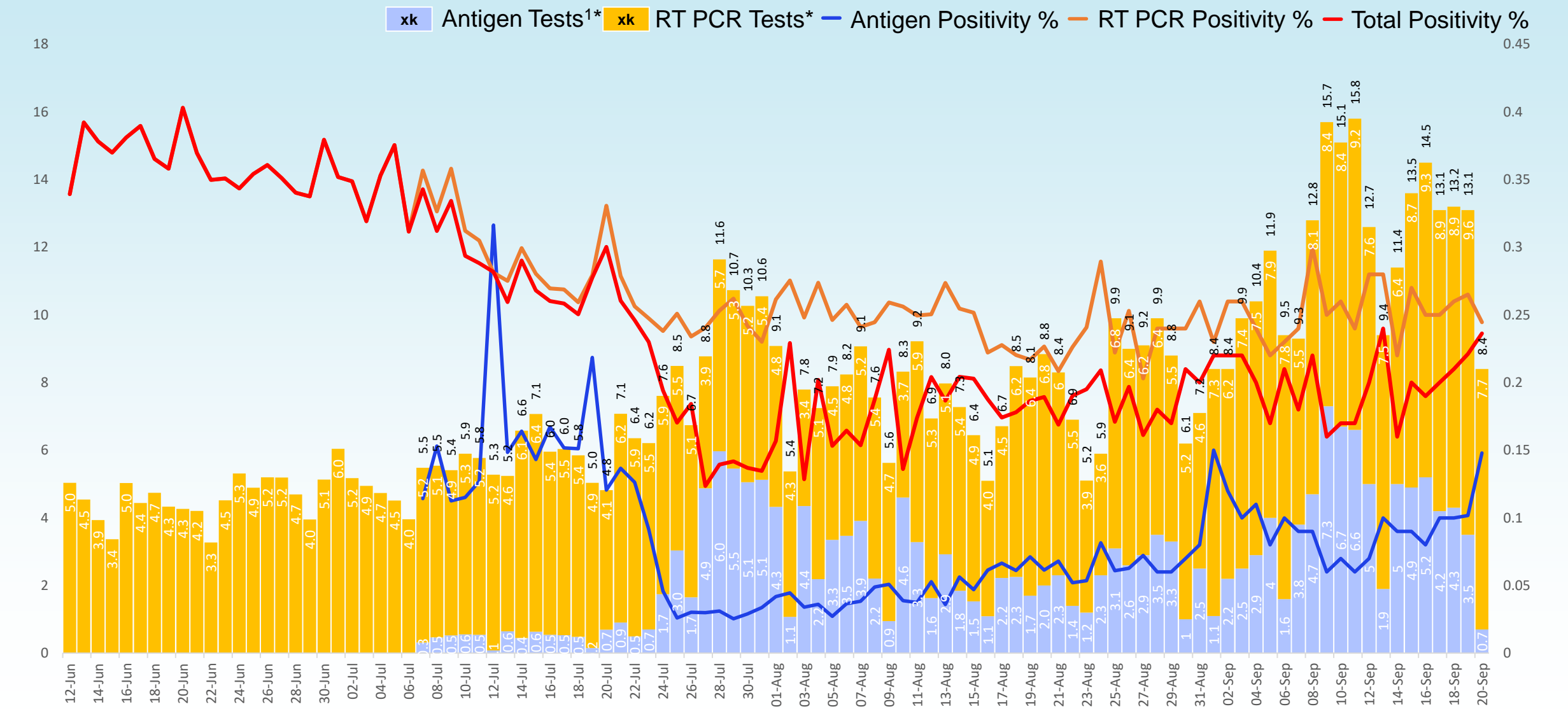
Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 20, 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 (4%)
 Source: Covid-19 daily update by the Public Health Department, BMC

Trend of positive cases vis-à-vis Tests

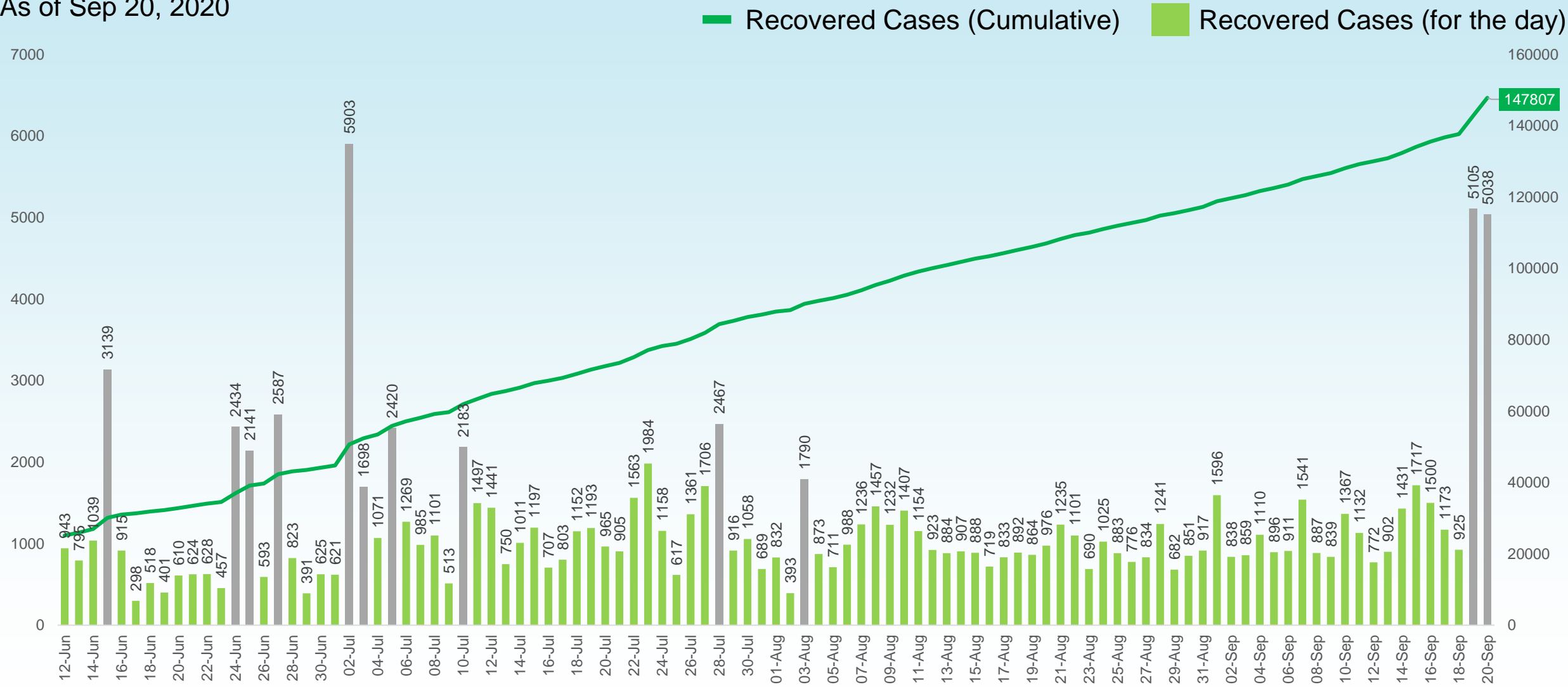


¹Data for Antigen tests is available from Jul 07 onwards

*The tests data is in thousands

Trend of Recovered Cases

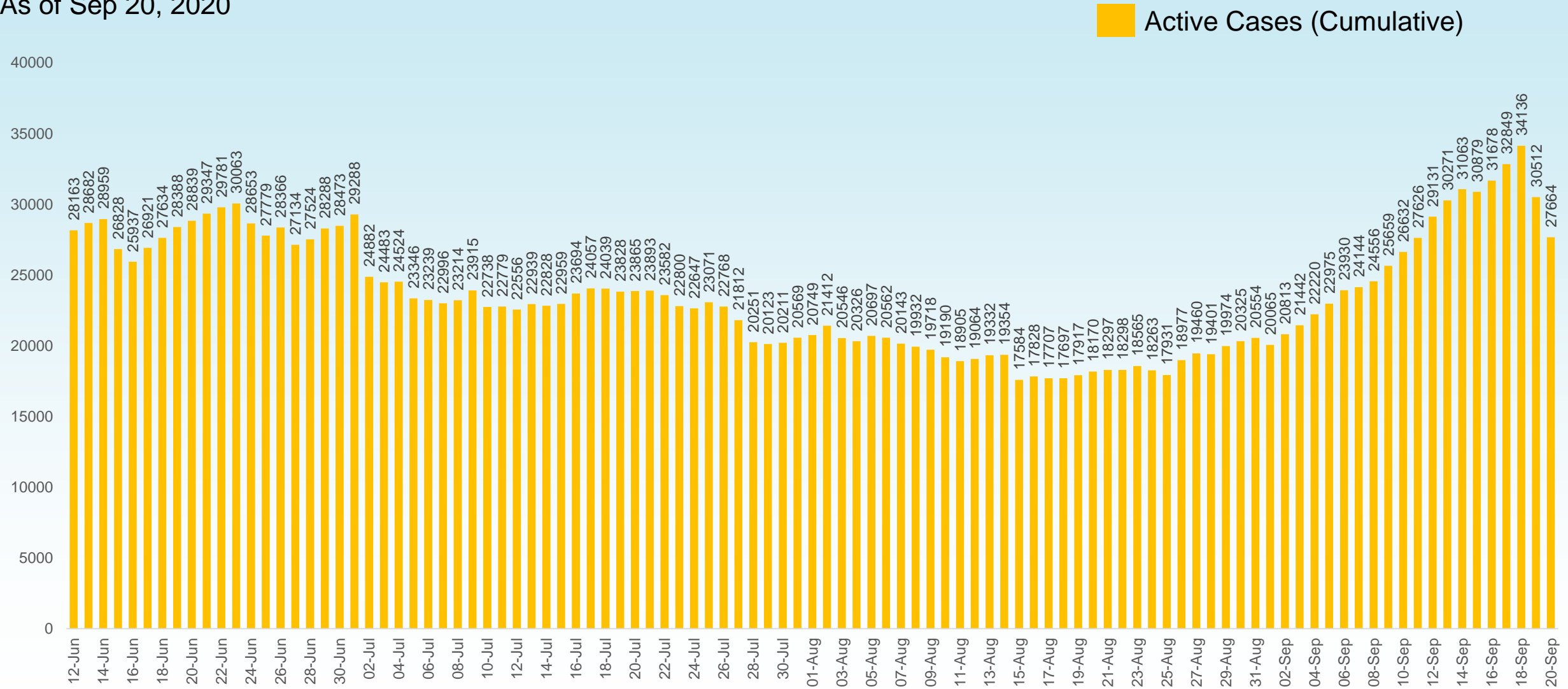
As of Sep 20, 2020



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

Trend of Active Cases

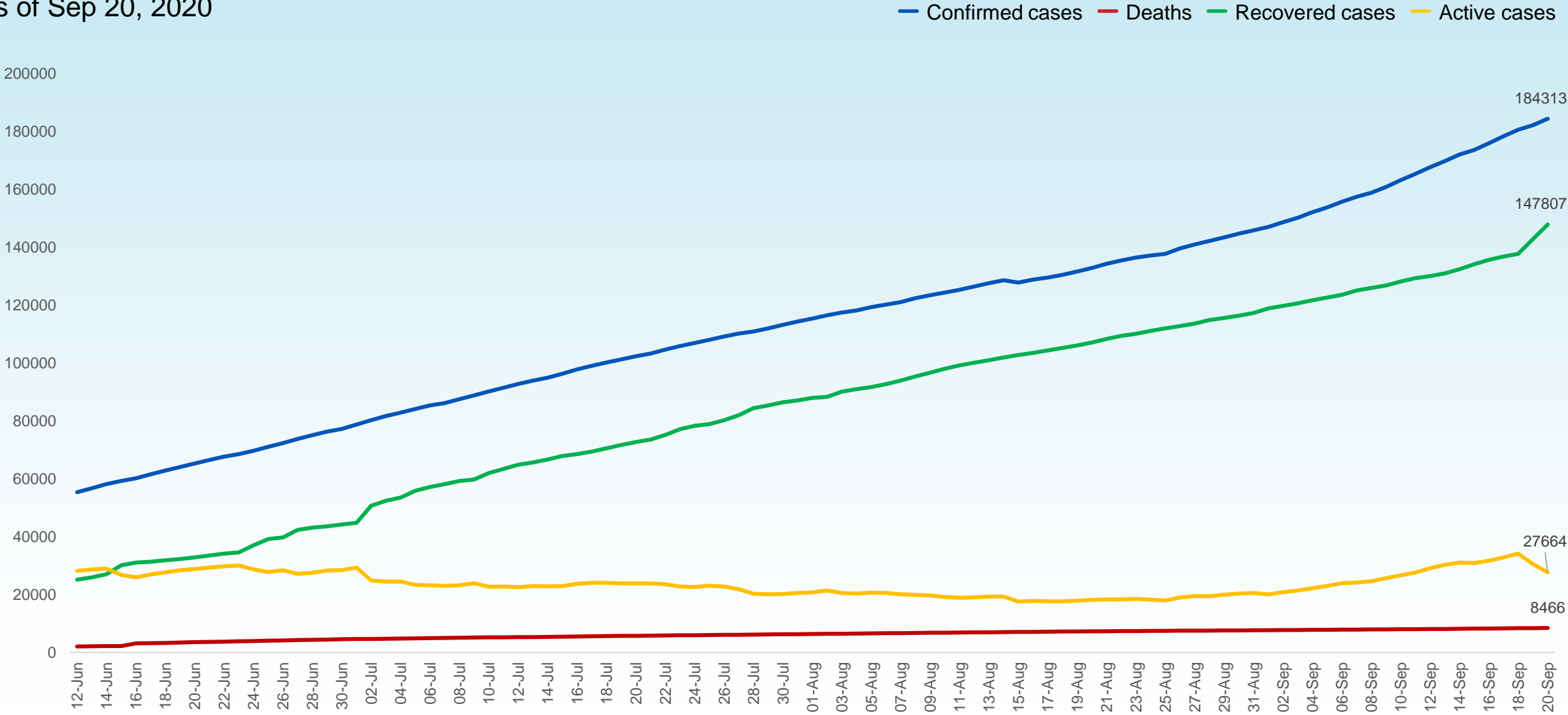
As of Sep 20, 2020





Case summary for Mumbai

As of Sep 20, 2020





Key Trends

Contact tracing and home quarantine

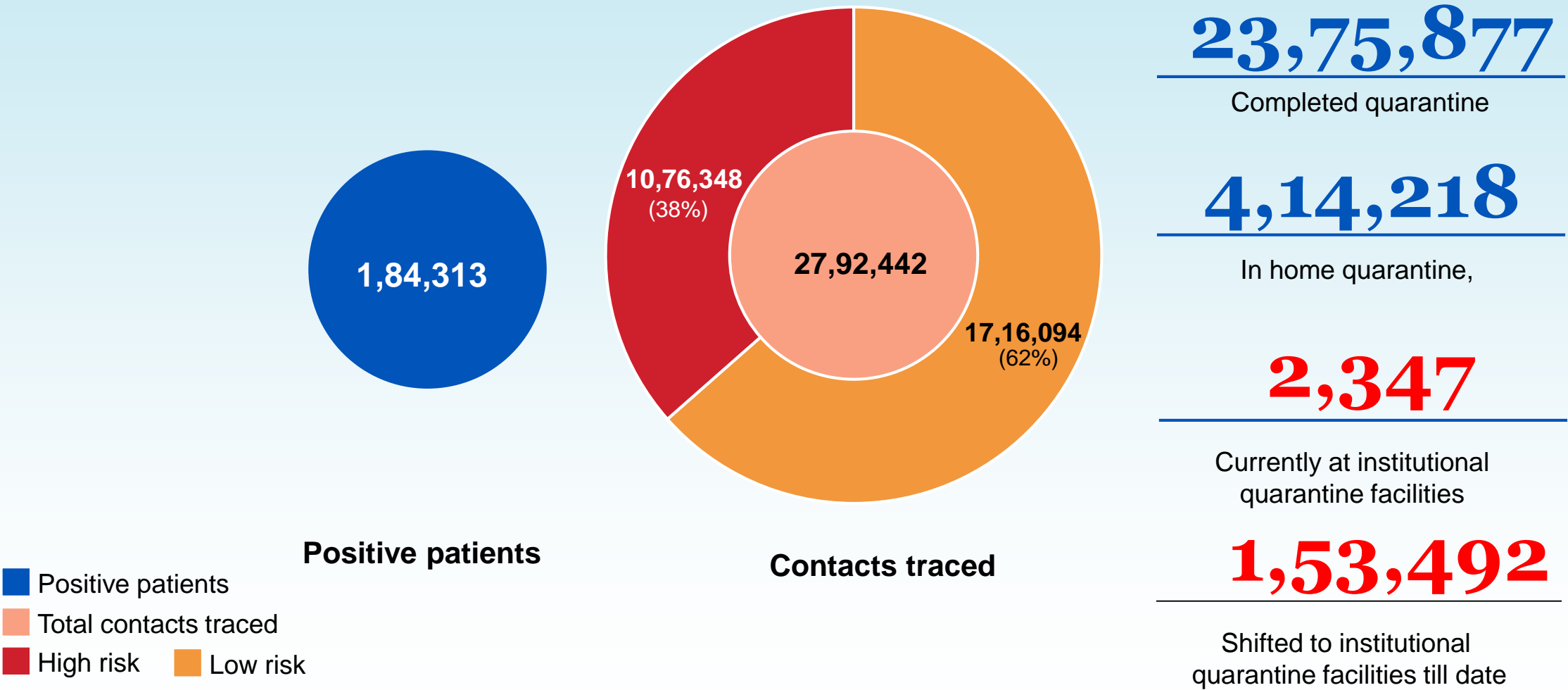
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Update on contact tracing

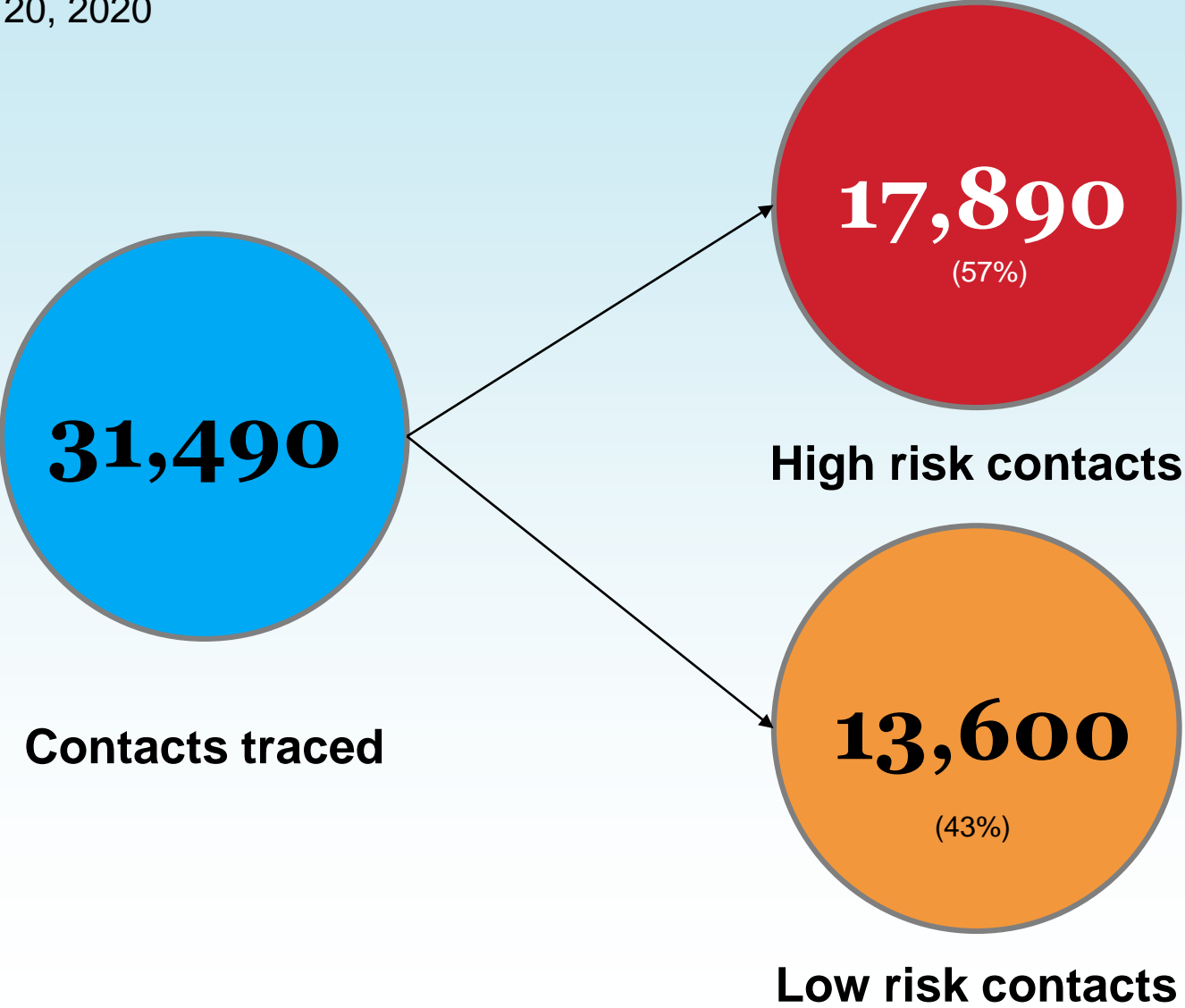
Summary as of Sep 20, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 20, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Contact tracing report for last 24 hours

Summary as of Sep 20, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 20, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



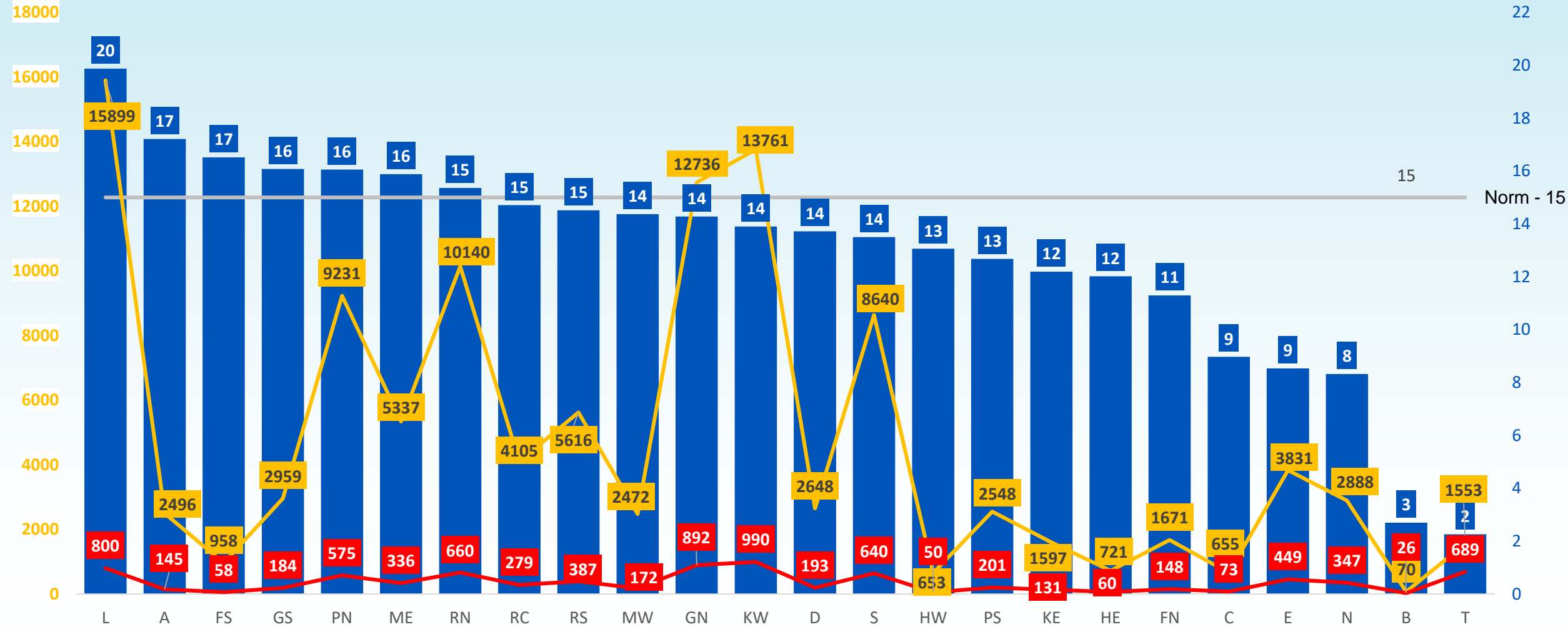
Chase the virus: High Risk Contacts for Index Cases in Slums

As of Sep 20, 2020¹

Positive cases from slums (Not being high risk contacts of earlier cases)⁽¹⁾
Total – 8,485*

No of high risk contacts sent to institutional facilities
Total – 1,13,185*

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

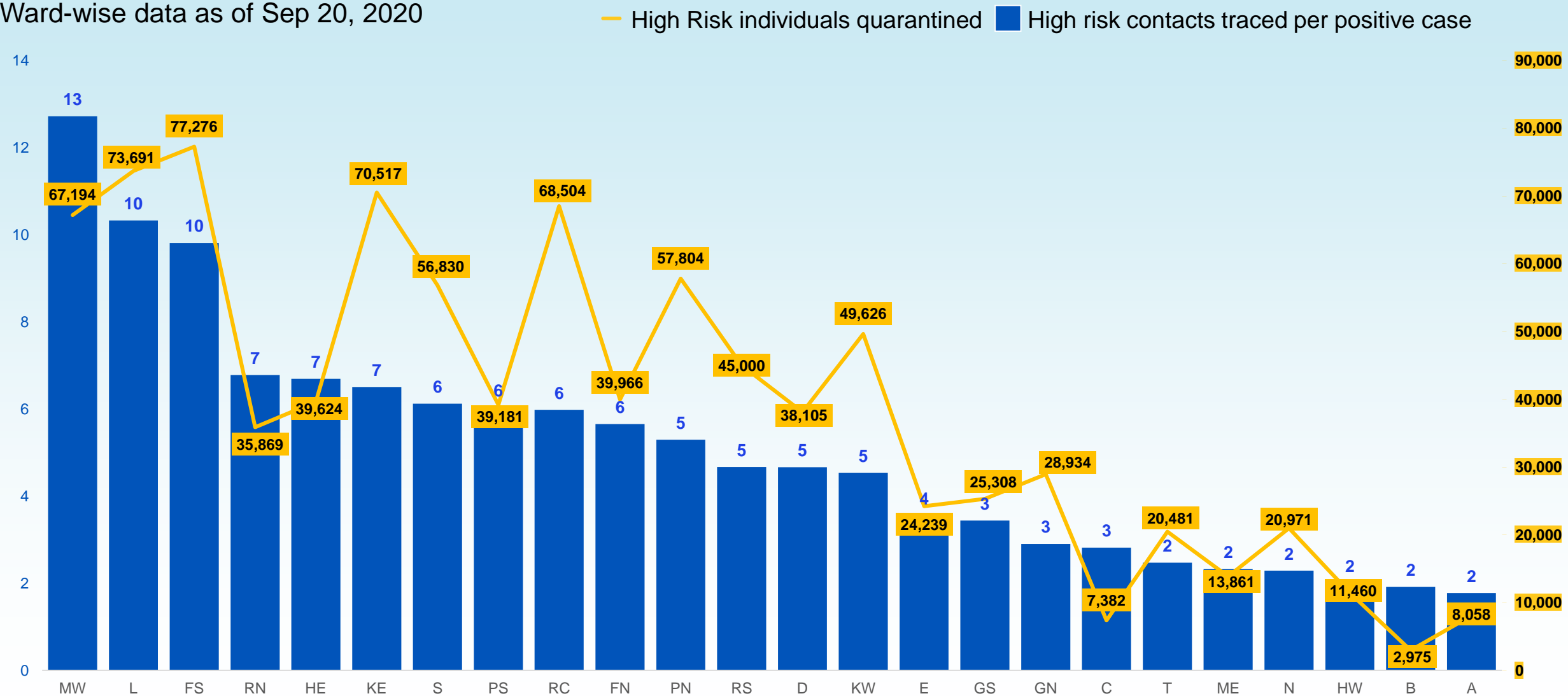


* Data for Ward RN is updated as of Sep 19
1 Data since June 03, 2020; Source – Operation – Chase the virus

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

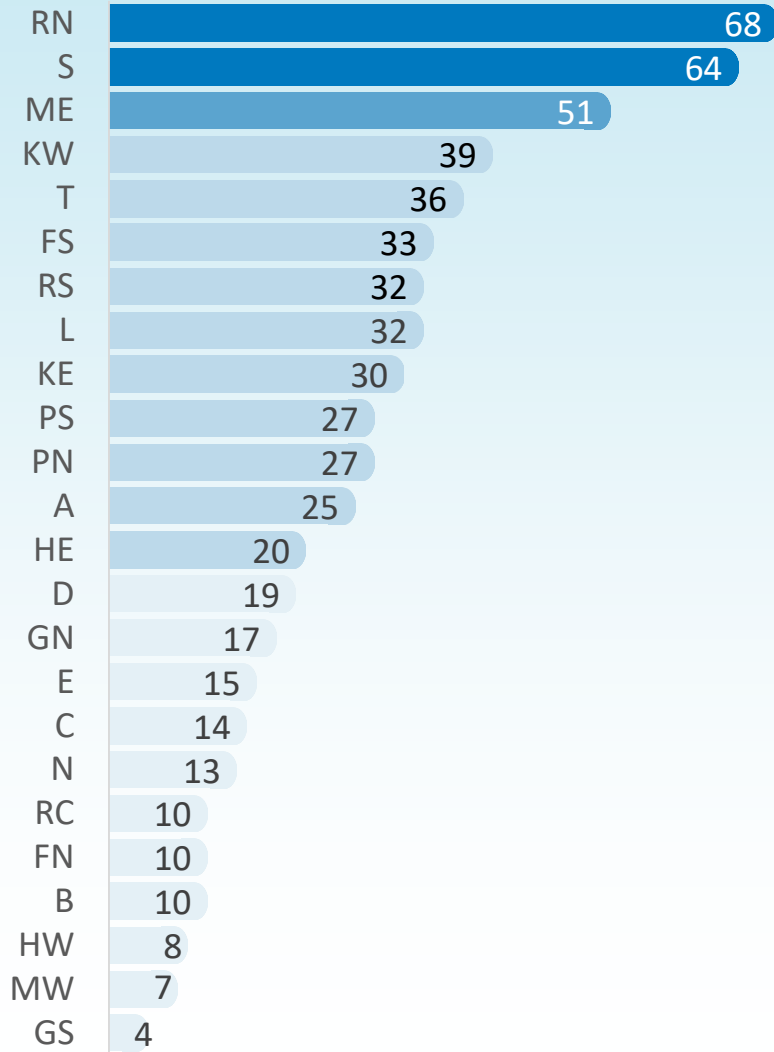
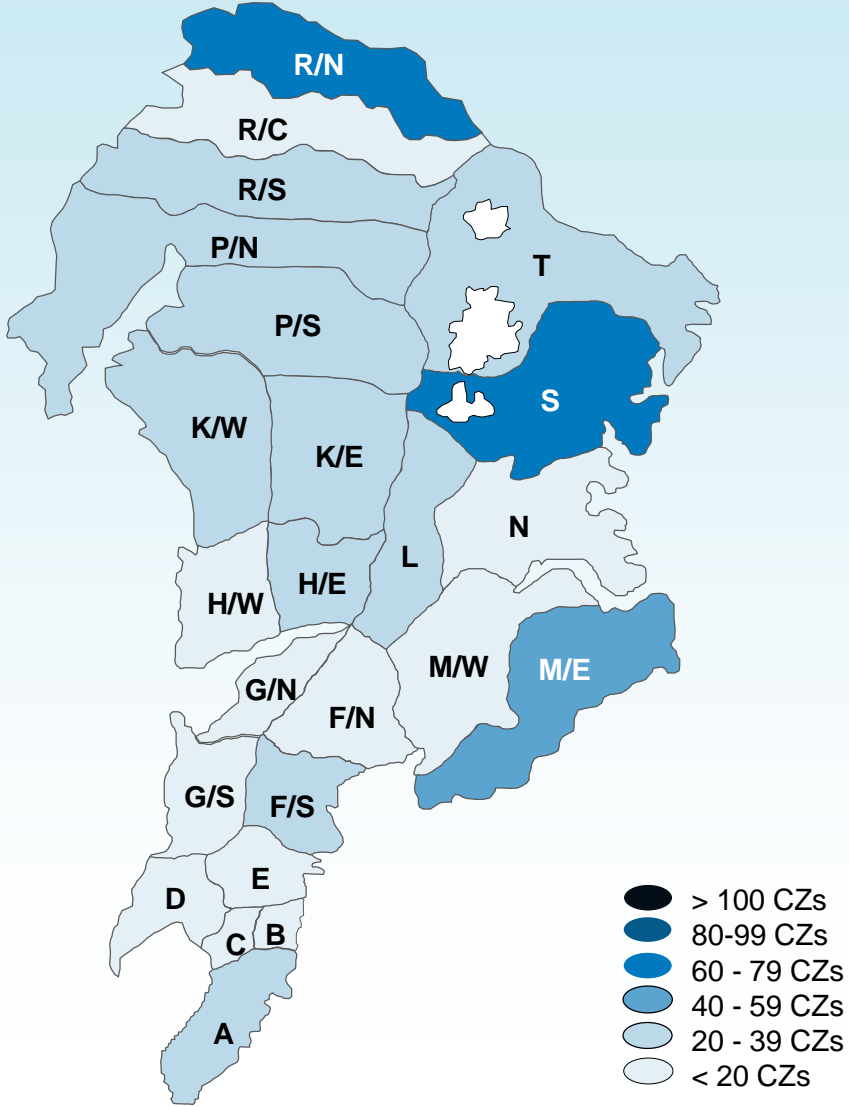


Ward-wise data as of Sep 20, 2020



Ward-wise containment zones – slums and chawls

As of Sep 20, 2020



611
Active

Containment Zones

7.8
lacs

No. of Households

33.9
lacs

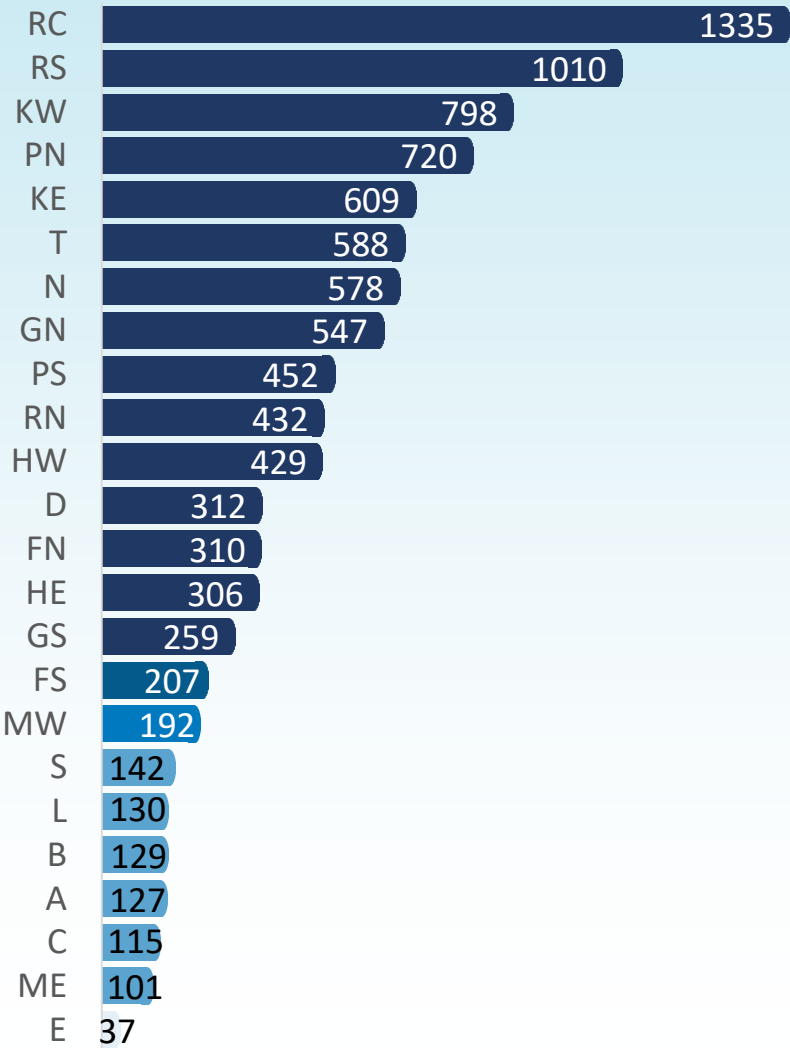
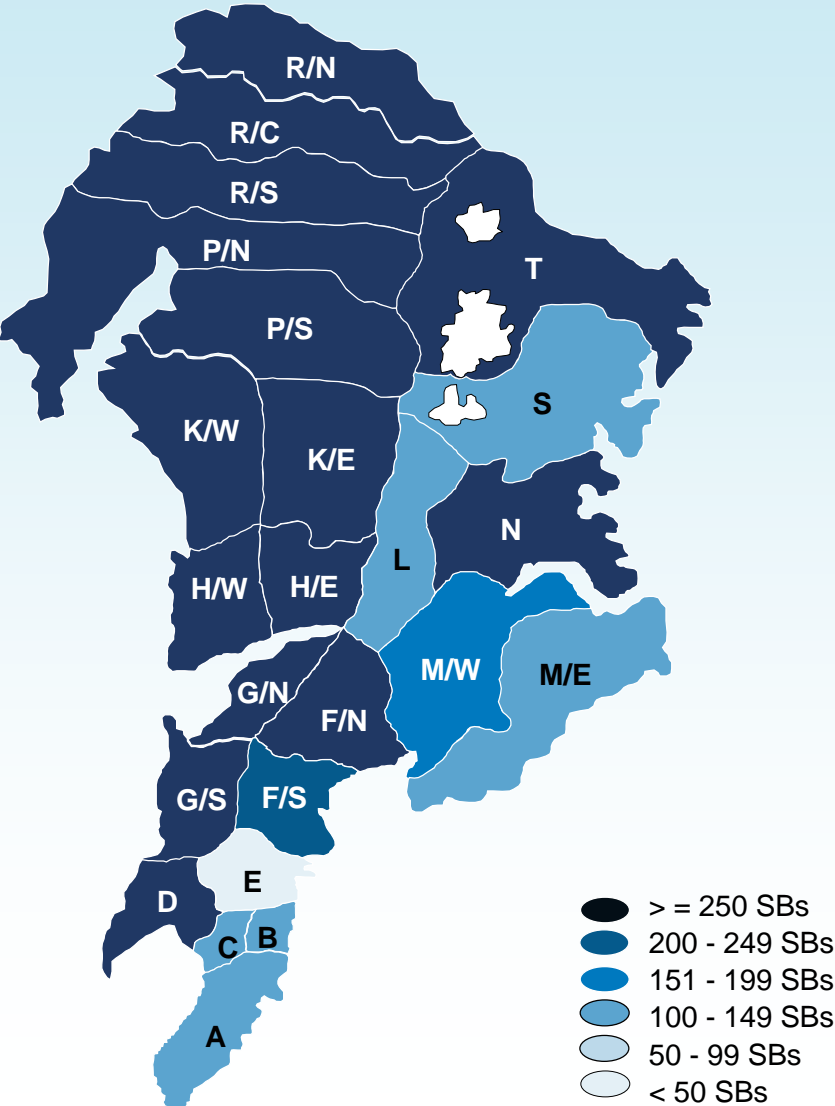
Population

1,048
Released

Containment Zones

Ward-wise sealed buildings

As of Sep 20, 2020



9,865 *Active*

Sealed Buildings

2.9 *lacs*

No. of Households

11.5 *lacs*

Population

25,948 *Released*

Sealed Buildings



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

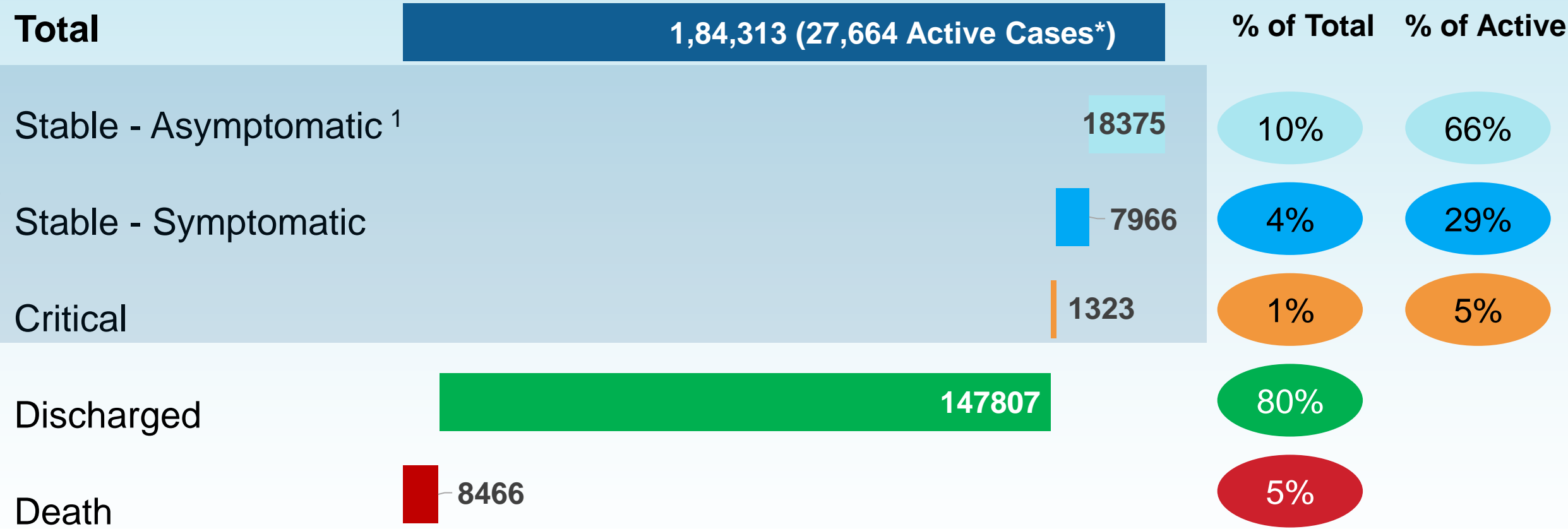
Bed Capacity

Other initiatives



Case summary for Mumbai

As of Sep 20, 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 (6,173 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

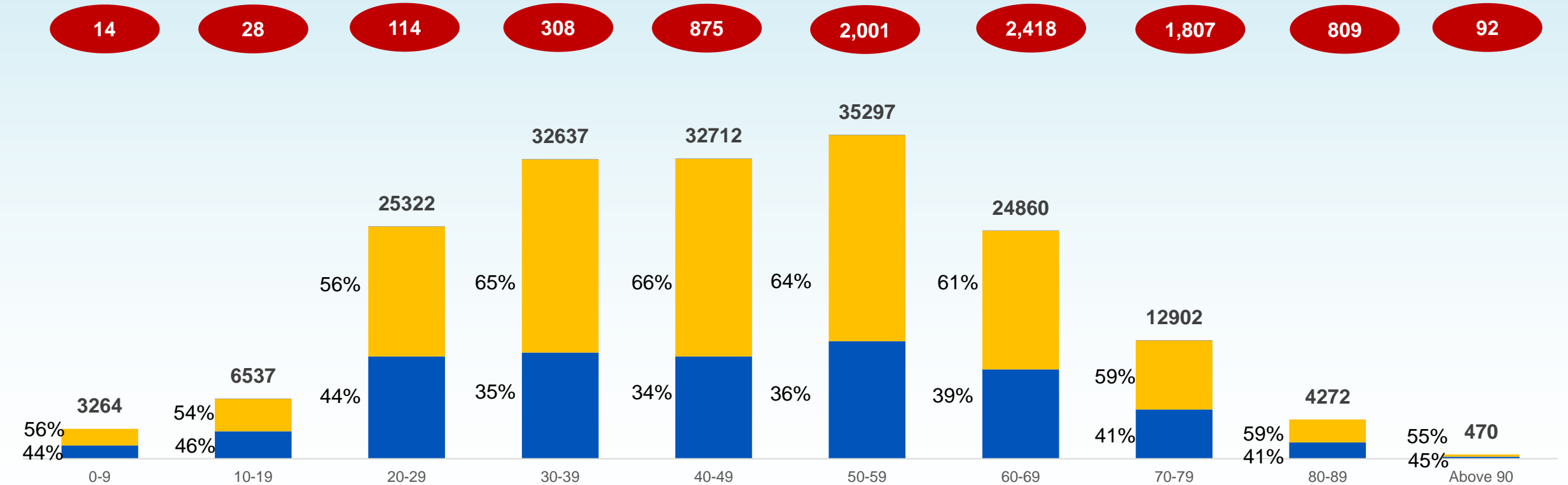
As of Sep 20, 2020¹

■ Female
 ■ Male
 ■ Others
● Deaths

Total Positives
1,84,313²

Total Deaths
8,466²

Fatality Rate
4.59%



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

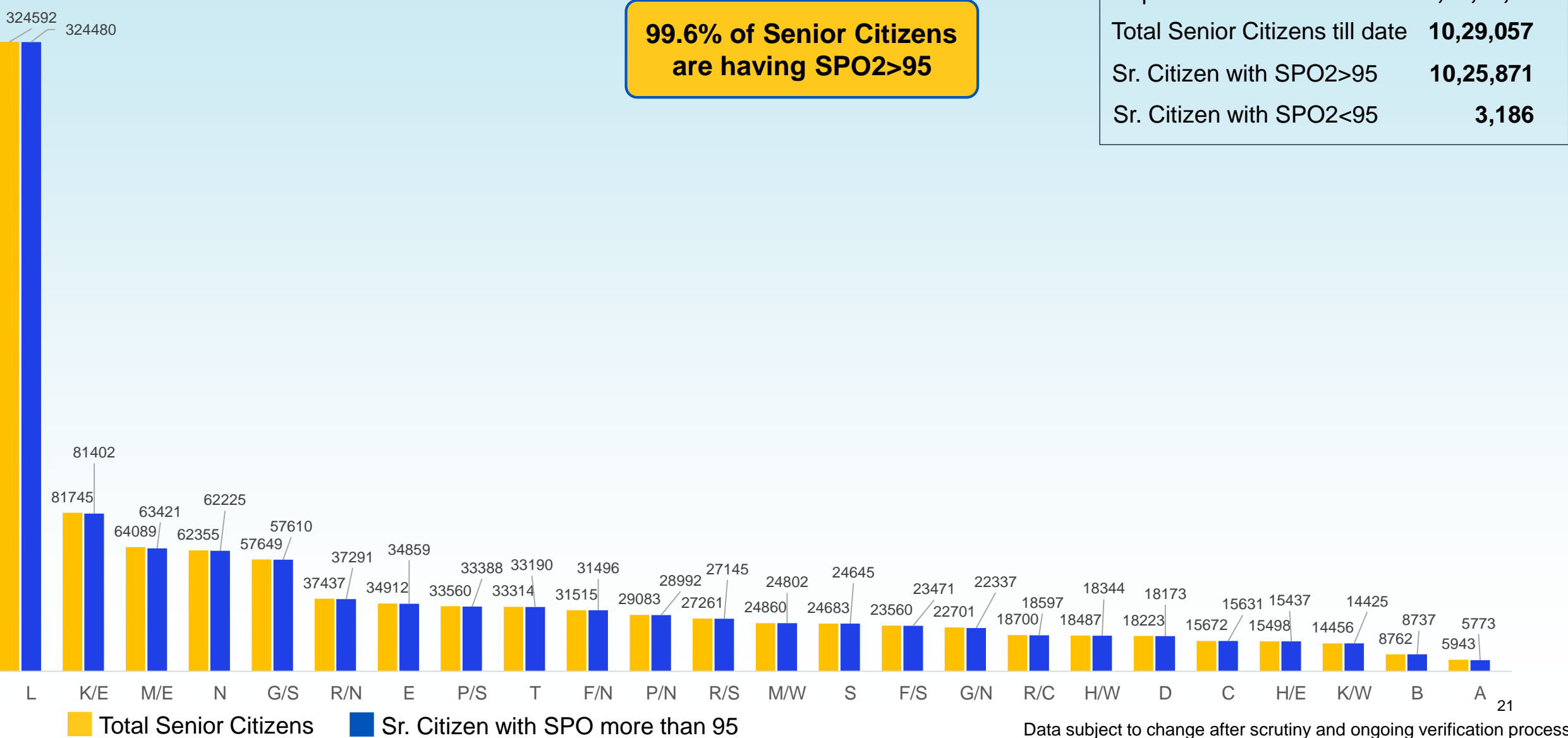
1 Total Age and sex-wise break up is available 1,78,273 cases; age-wise breakup of deaths available for 8,466 cases

2 As on Sep 20



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
Total (Daily)	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^{*}

Total Population covered till date

10,29,057

Senior Citizens covered till date

10,25,871

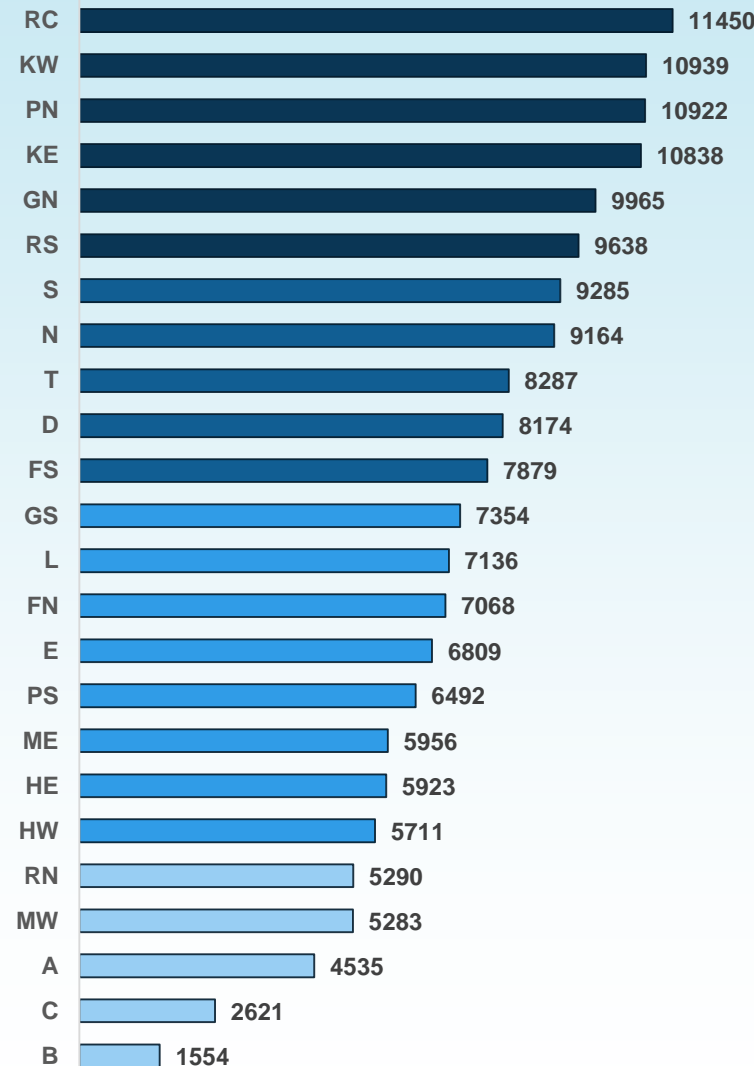
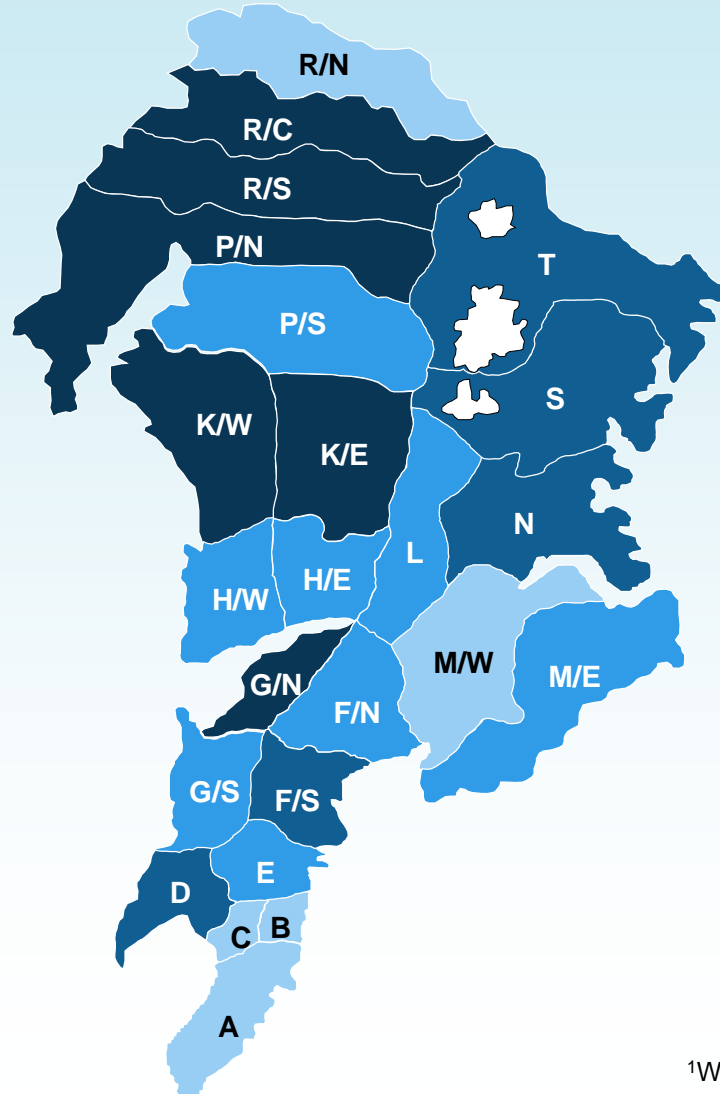
Senior Citizens with SPO2>95
till date

3,186

Senior Citizens with SPO2<95
till date

Ward-wise breakdown of positive cases

As of Sep 20, 2020



8969	336	2145
8628	356	1955
9047	397	1478
8904	579	1355
8177	541	1247
7646	282	1710
7469	506	1310
7491	442	1231
6609	202	1476
6670	283	1221
6594	408	877
6051	440	863
5870	476	790
5516	341	1211
5585	330	894
5193	269	1030
4875	333	748
4675	366	882
4432	217	1062
4050	179	1061
4162	317	804
3731	79	725
2129	111	381
1218	98	238
143691	7888	2669

- ≥ 9501 cases
- 7501 – 9500 cases
- 5501 – 7500 cases
- 0 – 5500 cases

Discharged²Deaths³

Active

Total Positives
1,84,313¹

Total Active
26,694¹

Active = Positive – Discharges – Death

¹Ward-wise breakup is available for 1,78,273 cases (26,694 Active), Total

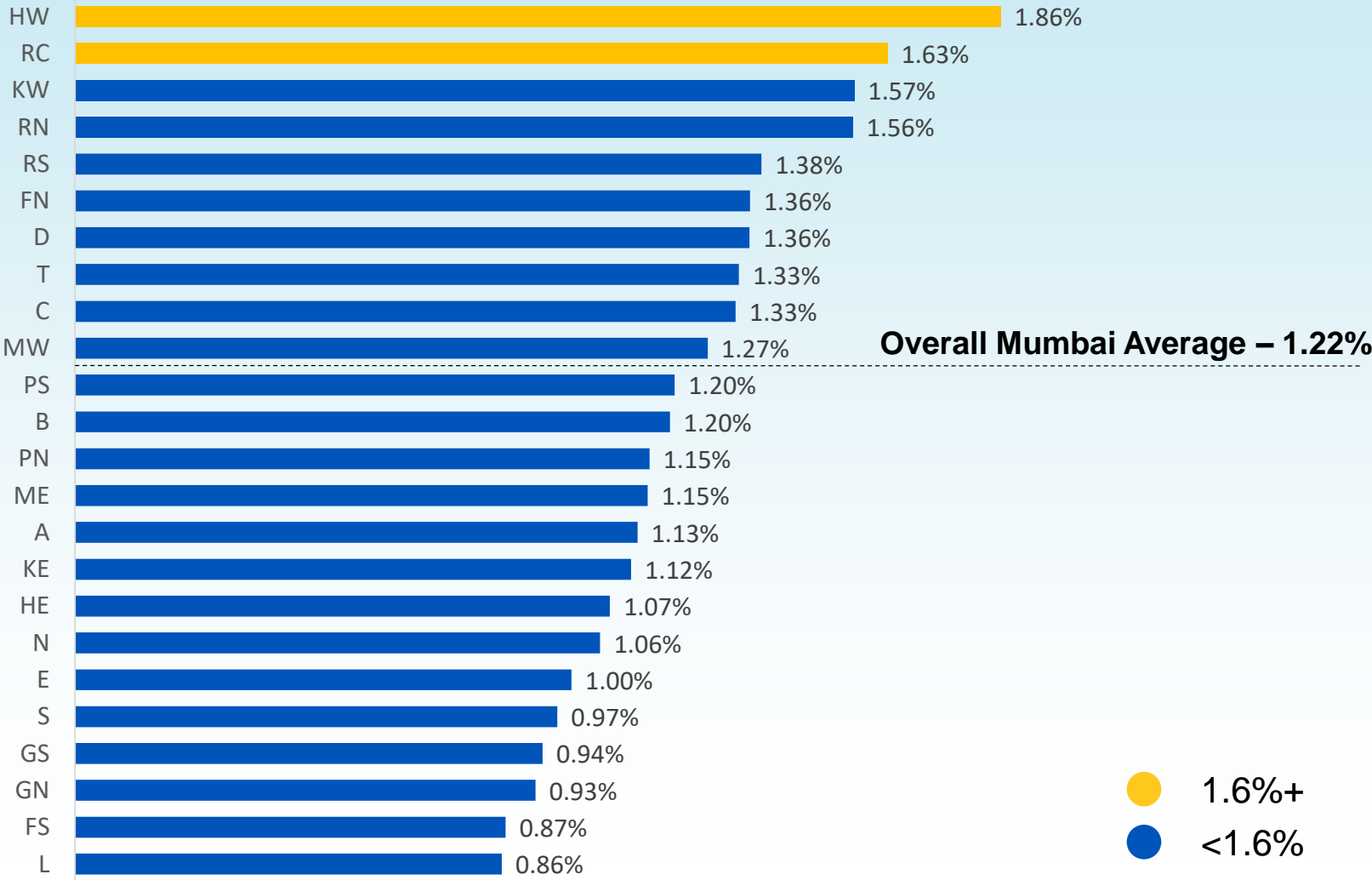
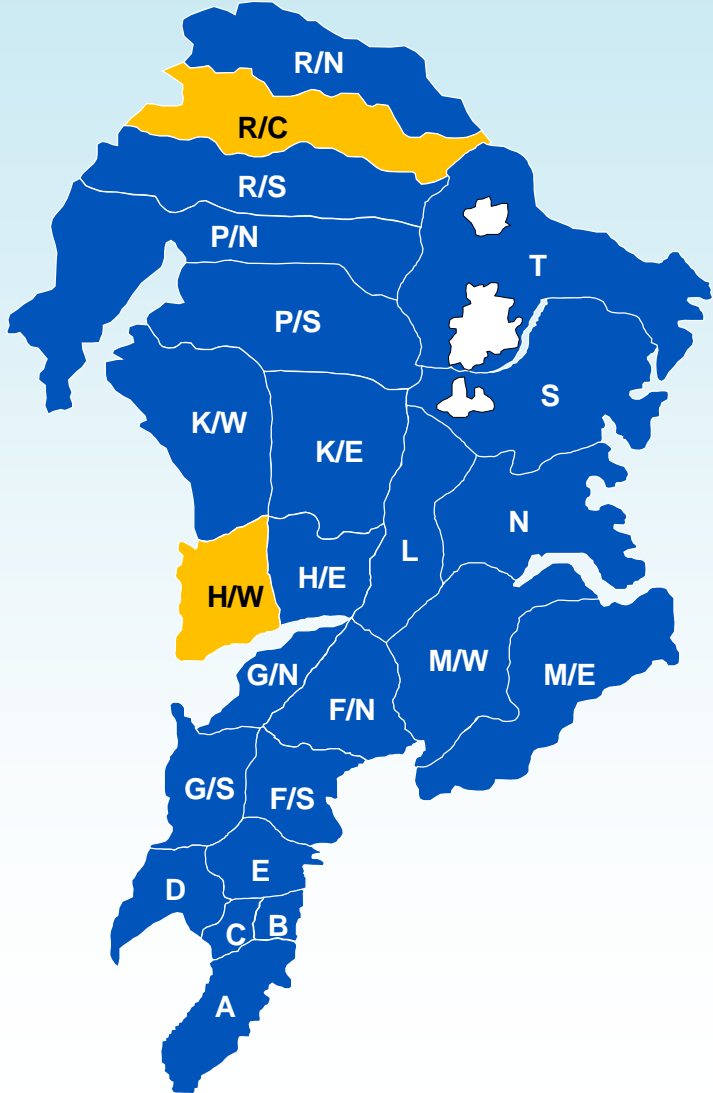
²Discharges as on Sep 20, Available for 1,43,691 cases,

³Deaths as on Sep 20, Available for 7,888 cases

Ward wise reconciliation for Discharged, Deaths and Active is on going²³
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 20, 2020



Ward-wise new cases

Positive cases for the last 7 days till Sep 20, 2020¹

Date of report	HW	RC	KW	RN	D	FN	RS	T	C	MW	B	PS	PN	ME	A	KE	HE	N	E	S	GS	GN	FS	L	Grand Total
Area>>>	Bandra	Borivali	Andheri W	Dahisar	Grant Road	Matunga	Kandivali	Mulund	Marine Lines	Chembur W	Sandhurst Road	Goregaon	Malad	Chembur E	Colaba	Andheri E	Khar	Ghatkopar	Byculla	Bhandup	Elphinstone	Dadar	Parel	Kurla	
As on 13th Sep	5020	10223	9812	4746	7439	6432	8757	7553	2390	4836	1430	5970	10079	5498	4192	10027	5496	8515	6352	8679	6888	9343	7418	6722	163817
14-Sep	84	172	171	85	107	100	137	137	22	80	25	85	134	126	23	112	70	90	74	91	65	128	64	51	2233
15-Sep	81	142	156	35	81	58	105	73	17	39	12	57	89	42	37	93	43	60	36	49	39	49	44	56	1493
16-Sep	124	196	192	84	118	110	113	132	32	61	20	91	125	51	53	143	66	84	70	55	73	77	60	55	2185
17-Sep	111	194	144	88	103	94	160	92	37	78	14	79	121	75	62	142	40	122	62	130	69	107	71	51	2246
18-Sep	72	179	163	82	128	93	114	101	48	73	19	72	134	63	55	110	62	106	78	77	77	84	60	51	2101
19-Sep	103	159	151	89	92	103	123	102	39	55	13	79	109	51	58	91	71	96	74	106	74	101	101	71	2111
20-Sep	116	185	150	81	106	78	129	97	36	61	21	59	131	50	55	120	75	91	63	98	69	76	61	79	2087
As on 20th Sep	5711	11450	10939	5290	8174	7068	9638	8287	2621	5283	1554	6492	10922	5956	4535	10838	5923	9164	6809	9285	7354	9965	7879	7136	178273
Days to double	38	43	45	45	51	51	51	52	53	55	58	58	60	61	62	62	65	66	70	72	74	75	80	81	57

Wards <= 45 days to double

- Ward HW
- Ward RC
- Ward KW
- Ward RN

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 20, 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

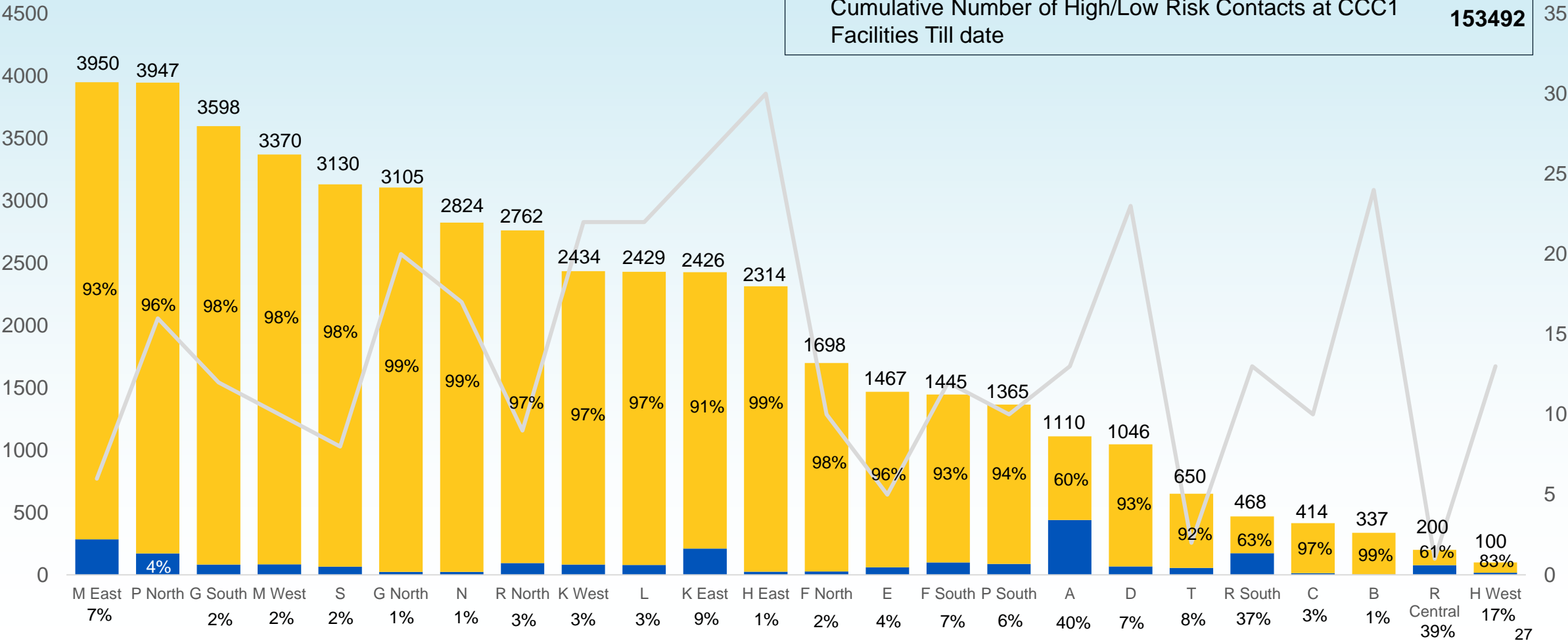
Other initiatives



Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 20, 2020

No. of CCC1 Facilities identified for High/Low Risk Contacts	334
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2347
Available capacity	44242
Total Capacity	46589
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	153492



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

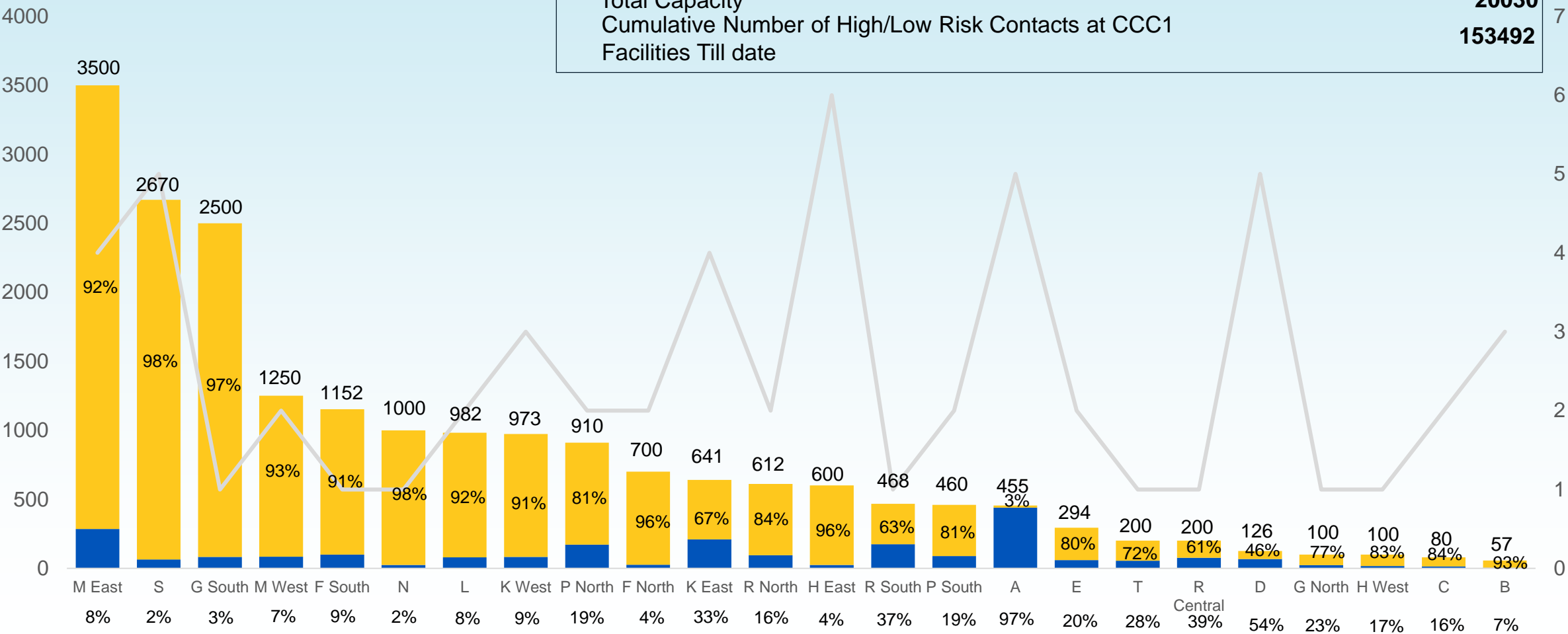
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 20, 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:	2347
Available capacity	17683
Total Capacity	20030
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	153492



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

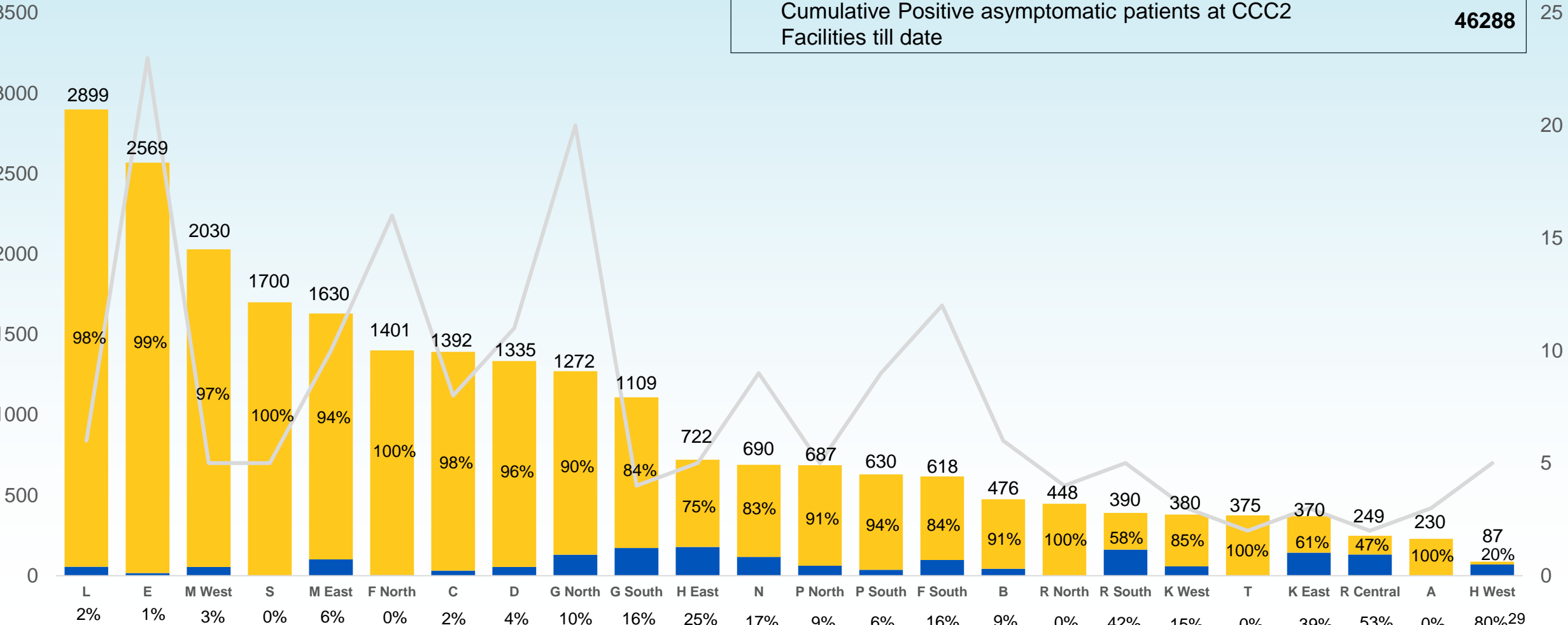
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 20, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	181
Number of positive asymptomatic patients shifted to CCC2 Facilities	1723
Available capacity	21966
Total Capacity	23689
Cumulative Positive asymptomatic patients at CCC2	46288
Facilities till date	



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

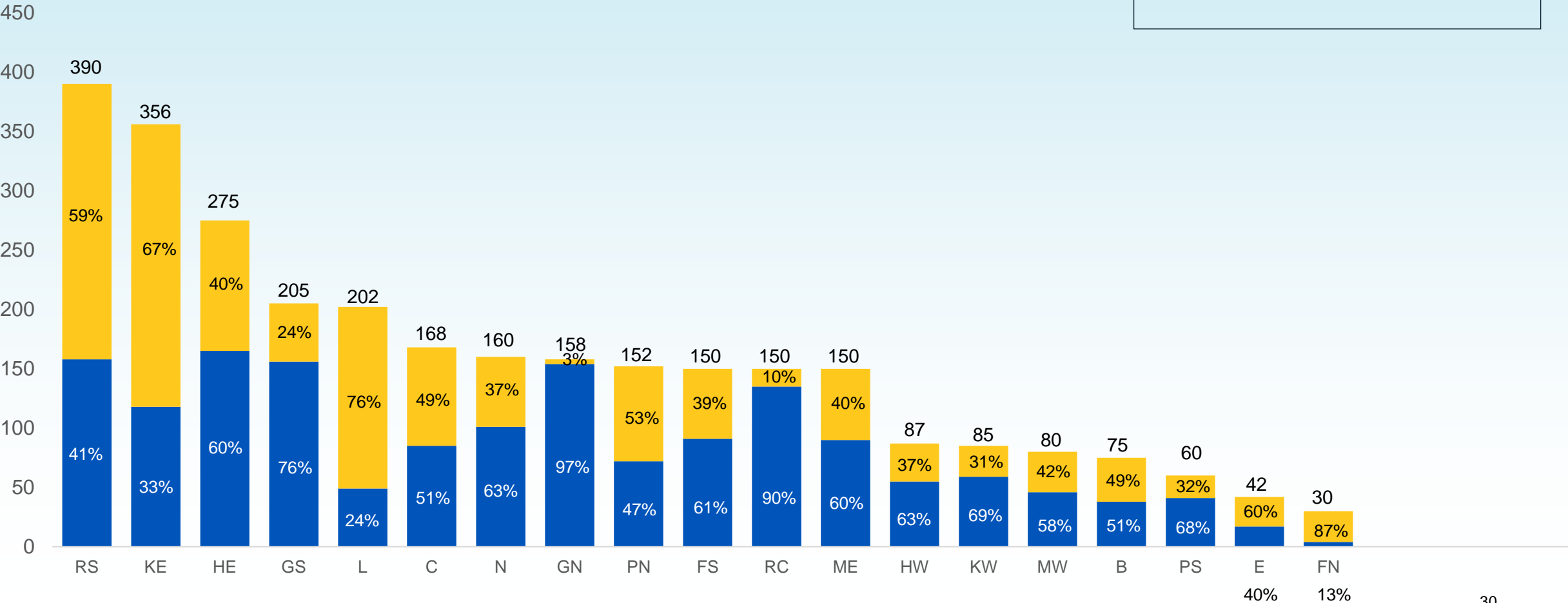
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 20, 2020

Beds occupied	1634
Available capacity	1341
Total capacity	2975
Cumulative patients till date	38664

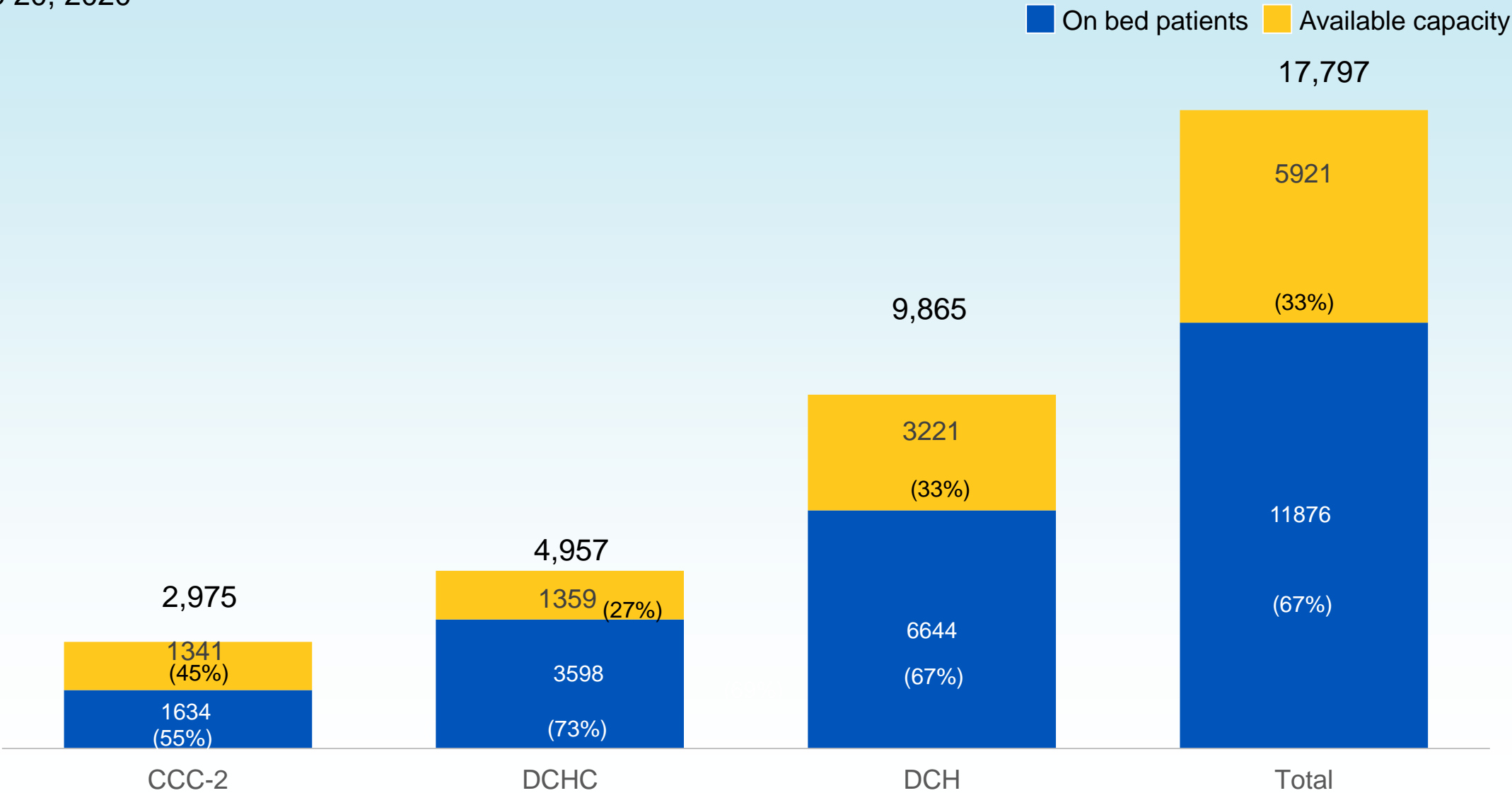


Source: "CCC2 line list"

Data subject to change after scrutiny and ongoing verification process

Summary of total bed capacity

As of Sep 20, 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 21, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
Total	14,822	10,242	4,580
ICU Beds	1,916	1,723	193
Regular	1,882	1,702	180
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	12,906	8,519	4,387
Quarantine for Suspect	1,041	638	403
Isolation for Positives	11,463	7,670	3,793
Pregnancy	218	101	117
Others (Cancer + Dialysis)	184	110	74
<i>O2 Beds*</i>	8,932	5,991	2,941
<i>Ventilators*</i>	1,133	1,035	98

Summary of total bed capacity

Data as on 02:30 PM, Sep 21, 2020 , Subject to change

		COVID Beds				
		Total	ICU Beds	Normal Beds		
Capacity	Total	14,822	1,916	12,906		
	Public Hospitals	11,042	1,016	10,026		
	Pvt Hospitals	3,780	900	2,880		
Occupancy	Total	10,242	1,723	8,519		
	Public Hospitals	7,074	903	6,171		
	Pvt Hospitals	3,168	820	2,348		
Vacancy	Total	4,580	193	4,387		
	Public Hospitals	3,968	113	3,855		
	Pvt Hospitals	612	80	532		
				O2 Beds*		
				Ventilators*		
Capacity	Total	14,822	1,916	12,906	8,932	1,133
	Public Hospitals	11,042	1,016	10,026	6,517	720
	Pvt Hospitals	3,780	900	2,880	2,415	413
Occupancy	Total	10,242	1,723	8,519	5,991	1,035
	Public Hospitals	7,074	903	6,171	4,011	652
	Pvt Hospitals	3,168	820	2,348	1,980	383
Vacancy	Total	4,580	193	4,387	2,941	98
	Public Hospitals	3,968	113	3,855	2,506	68
	Pvt Hospitals	612	80	532	435	30

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



Key Trends

Contact tracing and home quarantine

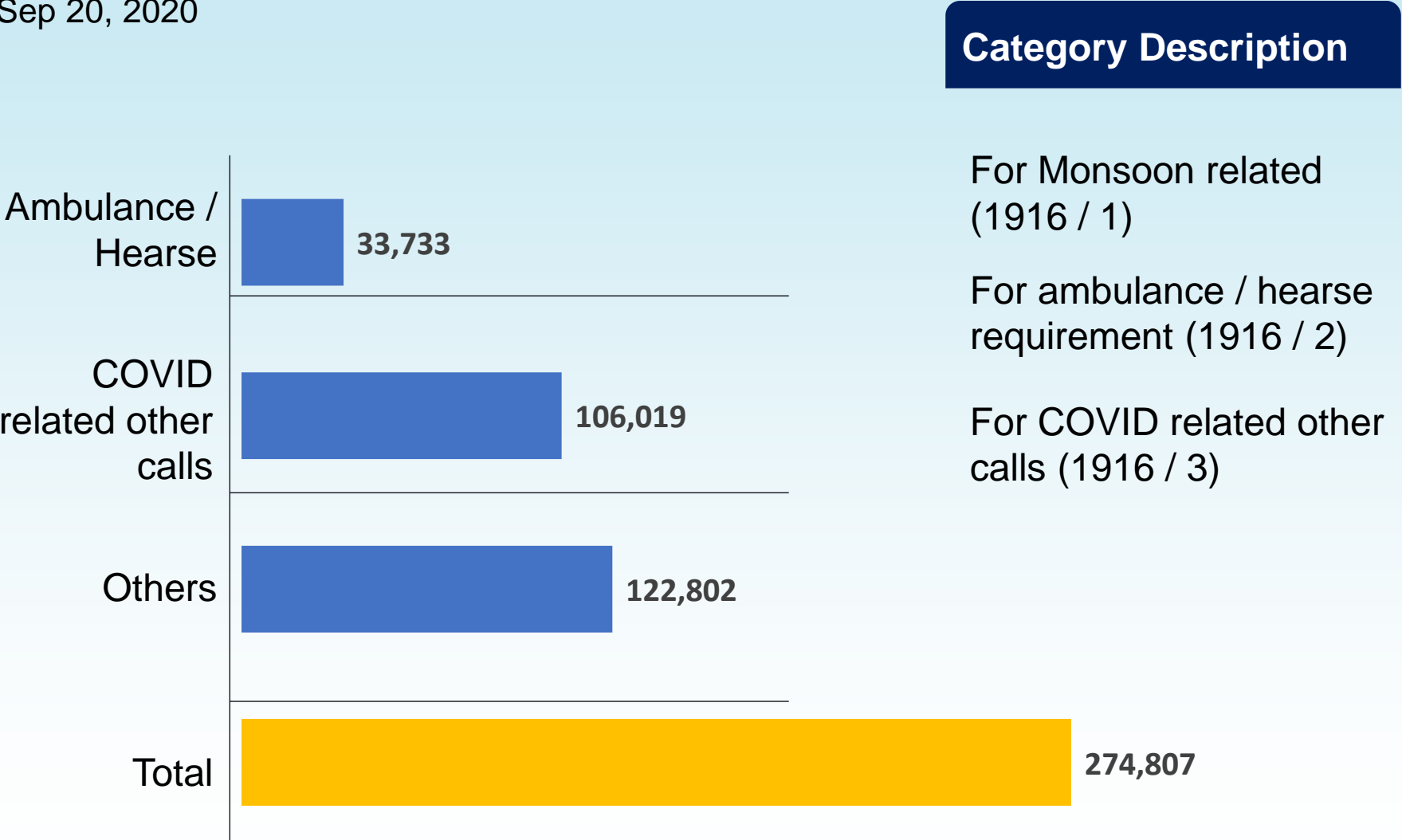
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Call Center update

For all calls received from April 24 to Sep 20, 2020



Management of Waste from Quarantined Areas

September 17, 2020



Waste Collected (in Kgs)

COVID BMW (in Kgs)
8,362

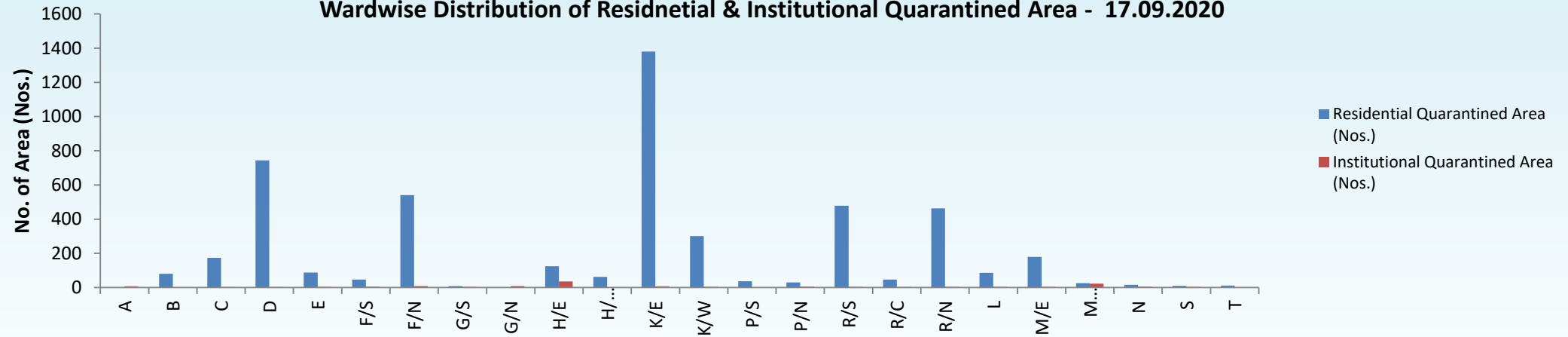
MCGM Quarantine BMW (in Kgs)
3,869

Total BMW (in Kgs):
12,231.0

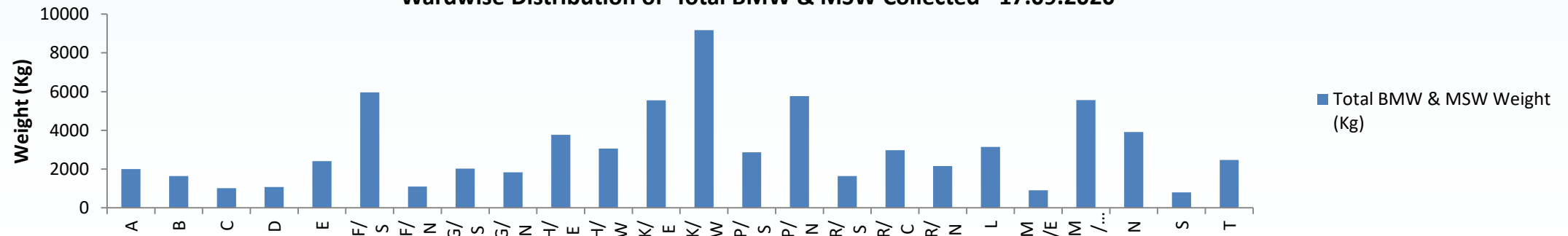
Total MSW Collected by MCGM from Quarantined Area (in Kgs):
68,920.0

Total MSW & BMW Collected by MCGM from Quarantined Area (in Kgs):
81,151

Wardwise Distribution of Residential & Institutional Quarantined Area - 17.09.2020



Wardwise Distribution of Total BMW & MSW Collected- 17.09.2020



Thank you

