

BMC Covid-19 Response War Room Dashboard

Sep 19, 2020



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Mumbai COVID19 status at a glance

As of Sep 18, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 01:00 PM, Sep 19, 2020)		CCC1 Facilities			Contact Tracing	Past 24hrs	Cumulative
Total Positive	1,80,542	Bed Capacity (DCHC+DCH+CCC2)	17,534	Facilities (#)	Bed Capacity	Occupancy	Total Traced	30,739	27,28,904
		Occupied	12,022				High Risk	17,336	10,41,019
Discharged	1,37,664	Available	5,512	Total	334	46,589	2,361	Low Risk	16,87,885
				Active	44	17,783	2,361	Total Quarantine Completed	23,40,032
Deaths	8,372	DCH & DCHC Bed Capacity	14,559	Buffer	15	2,247	-	Currently in Home Quarantine	3,86,511
Deaths with Age > 50yrs – 7,042)		Occupied	10,193	Reserve [#]	275	26,559	-	Others	
		Available	4,366	CCC2 Facilities					
Total Active	34,136	ICU Bed Capacity	1,786	Facilities (#)	Bed Capacity	Occupancy	Senior Citizens Screened till date		10,17,519
Stable – Asymptomatic	24,527	Occupied	1,583	Total	181	23,590	1,803	Senior Citizens with SPO2 > 95	10,14,337
Stable - Symptomatic	8,376	Available	203	Active	24	2,928	1,803	Active Containment Zones – Slums & Chawls	572
Critical	1,233	O2 Bed Capacity	8,805	Buffer	13	2,265	-	Active Sealed Buildings	9,968
Tests Done (till date)	9,90,940	Occupied	6,081	Reserve [#]	144	18,397	-	Calls Centre Calls Flow	2,72,292
% of Positive (till date)	18.21	Available	2,724	# Facilities that have been deactivated and can be used as per need					
		Ventilator Bed Capacity	1,119						
		Occupied	1,006						
		Available	113						

Ward wise positive cases

Wards	HW	RC	KW	RN	D	RS	T	B	FN	MW	C	PS	A	PN	KE	ME	HE	N	GN	E	GS	S	FS	L	Overall Mumbai
Positive Cases	5492	11106	10638	5120	7976	9386	8088	1520	6887	5167	2546	6354	4422	10682	10627	5855	5777	8977	9788	6672	7211	9081	7717	6986	
Days to double	41	41	42	44	46	48	50	52	52	52	54	54	57	58	59	60	65	67	70	71	75	80	85	90	56

1 Ward-wise break up is as on Sep 18, 2020, available for 1,74,075 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

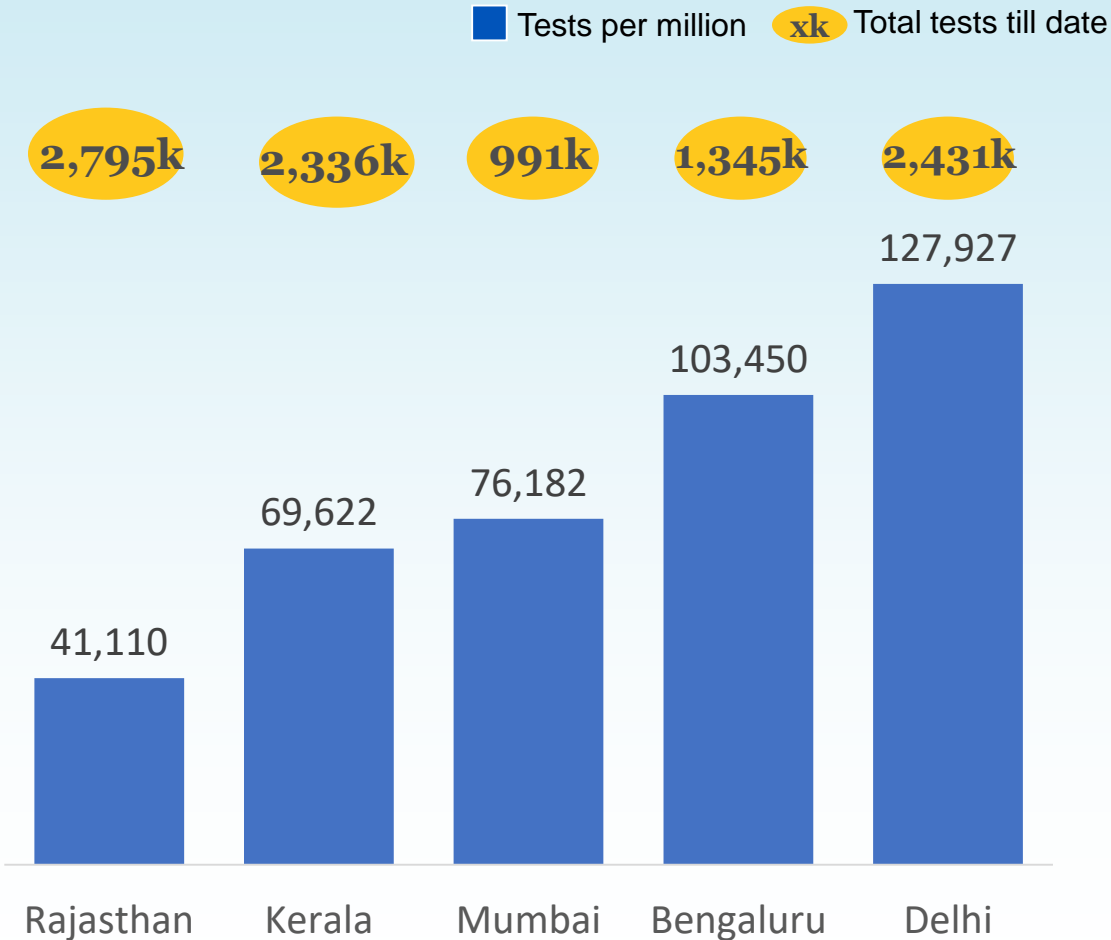
Other initiatives



Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Sep 18, 2020

Tests per million



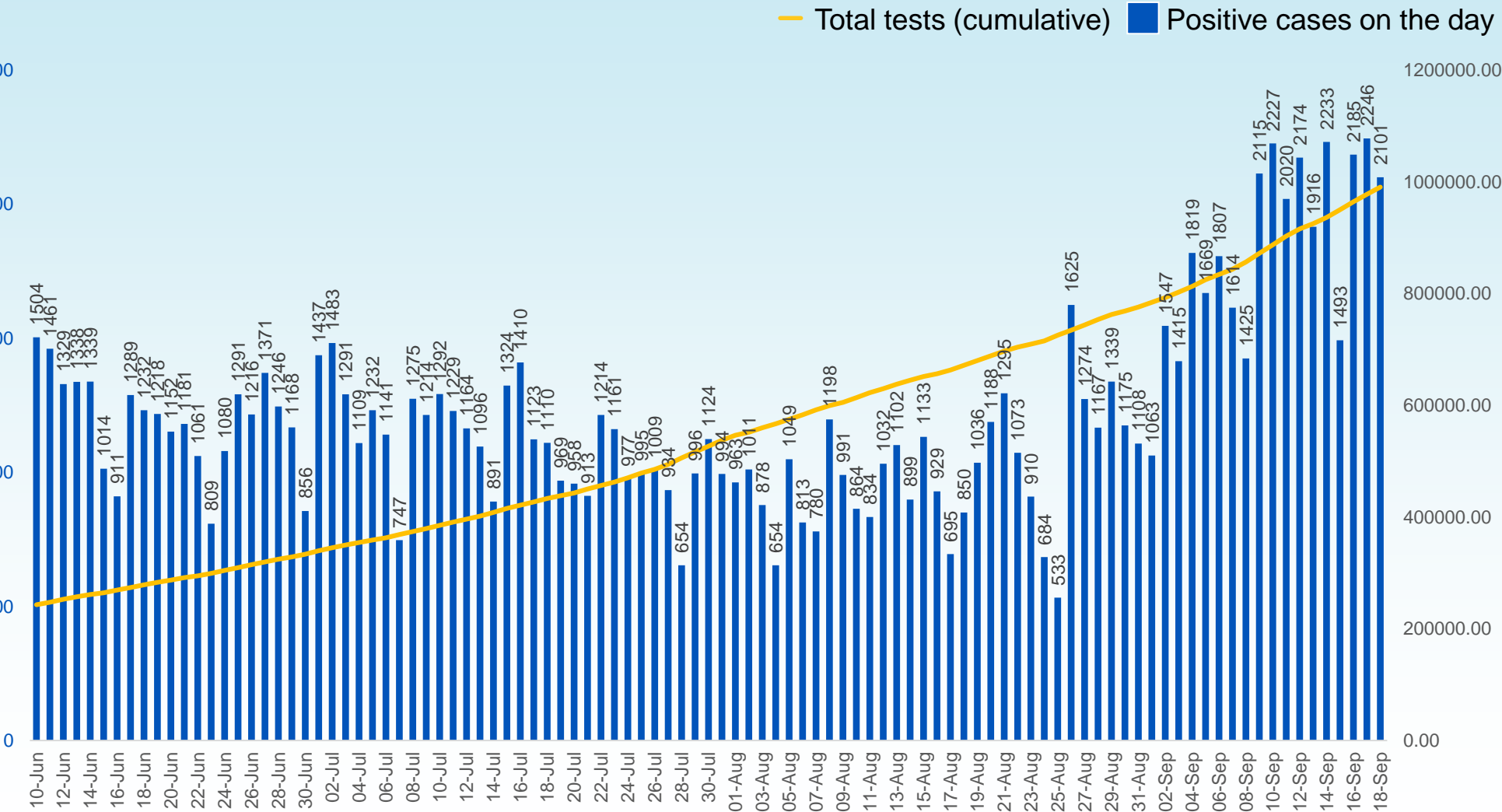
Source: Government COVID bulletins as of Sep 18 2020

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

State	Cases	Tests	Tests per million
Bengaluru	187,705	1,344,848	103,450
Mumbai	180,542	990,940	76,182
Delhi	238,828	2,430,613	127,927
West Bengal	218,772	2,699,299	29,917
Gujarat	120,336	3,675,613	59,284
Kerala	126,381	2,336,217	69,622
Maharashtra	1,167,496	5,792,437	46,881
Rajasthan	112,103	2,795,479	41,110
Tamil Nadu	530,908	6,303,466	188,796

Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 18, 2020



Summary till date

1,80,542¹

Total positive cases

9,90,940

Total tests conducted

18.21%

Positive cases as a % of total tests

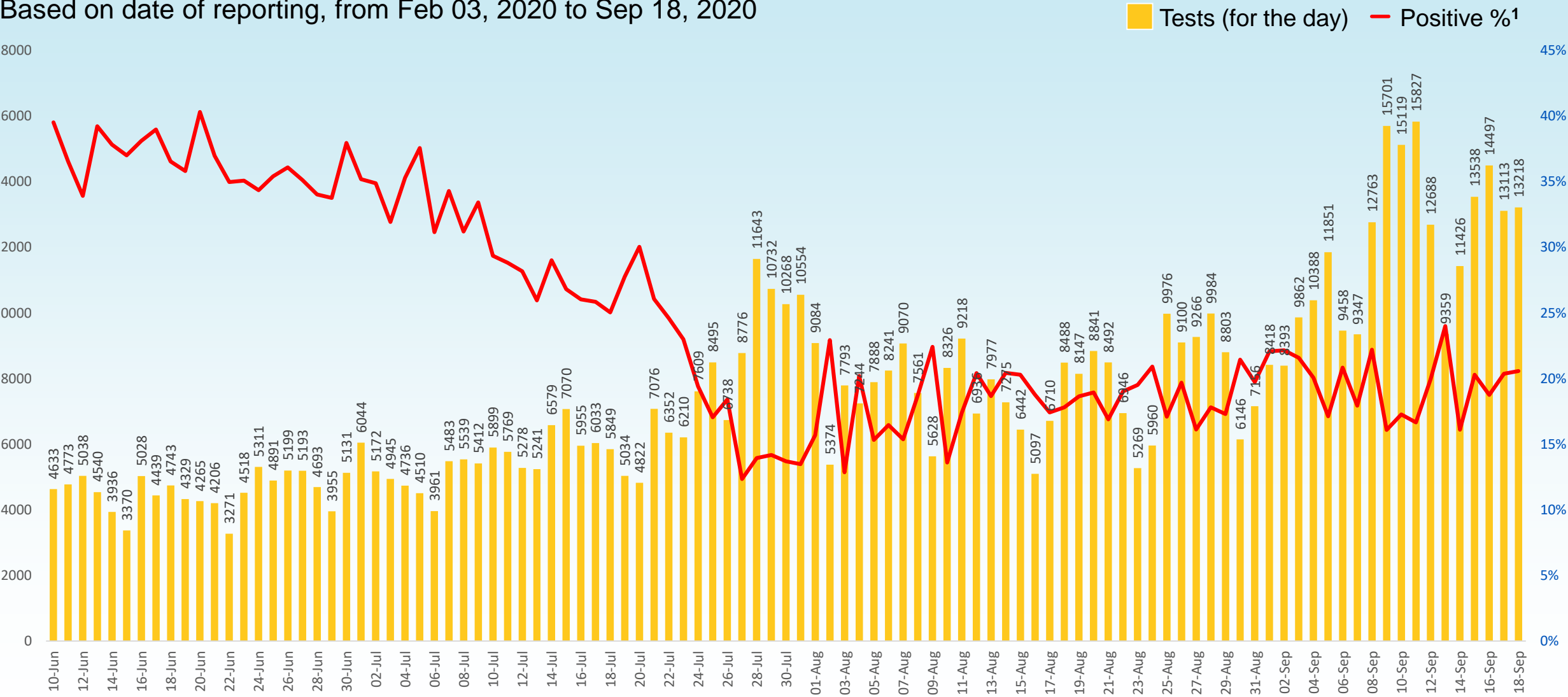
1 Total Positive cases as on Sep 18, Total cases as of Sep 18 as per line list is 1,74,075

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

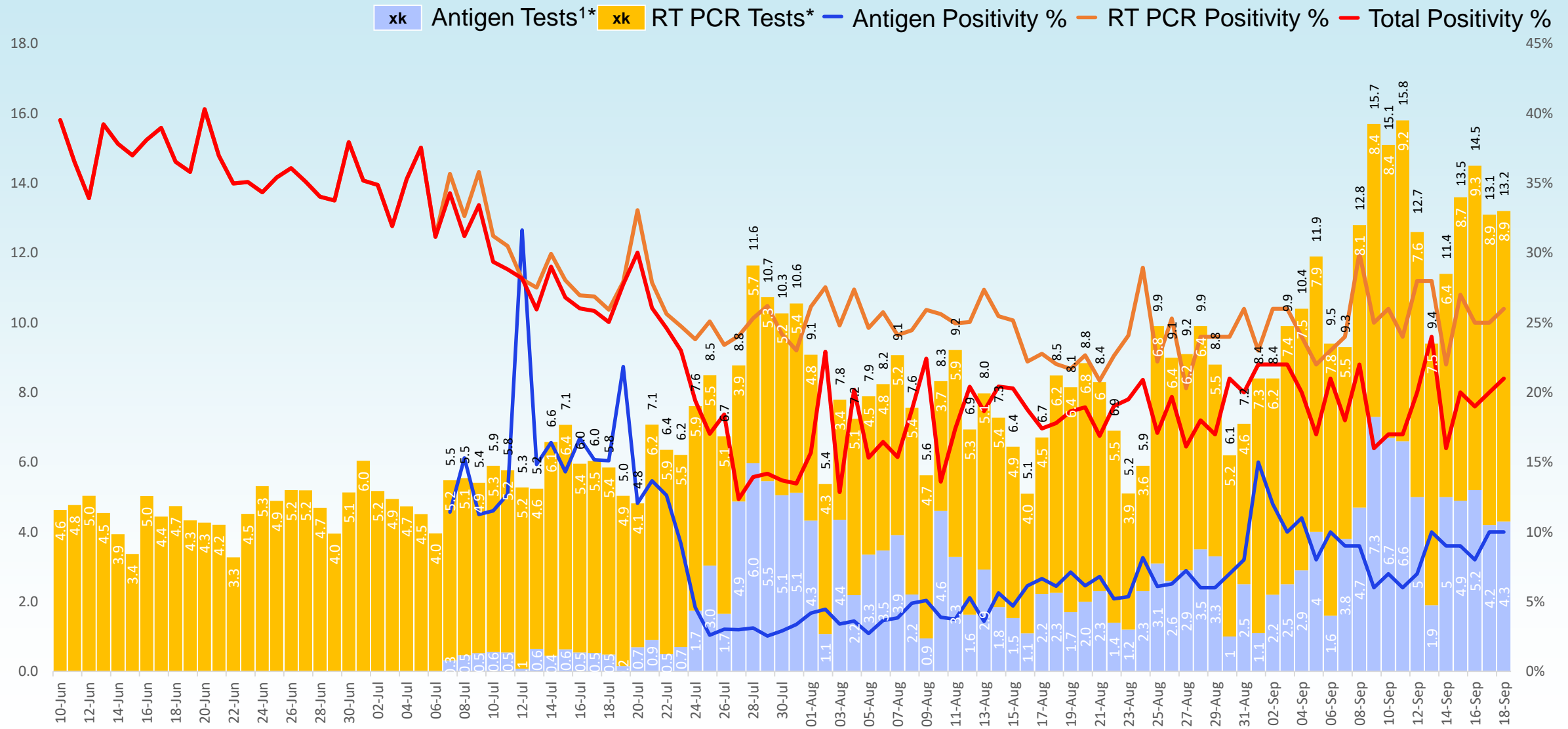
Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 18, 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 (2%)
Source: Covid-19 daily update by the Public Health Department, BMC

Trend of positive cases vis-à-vis Tests

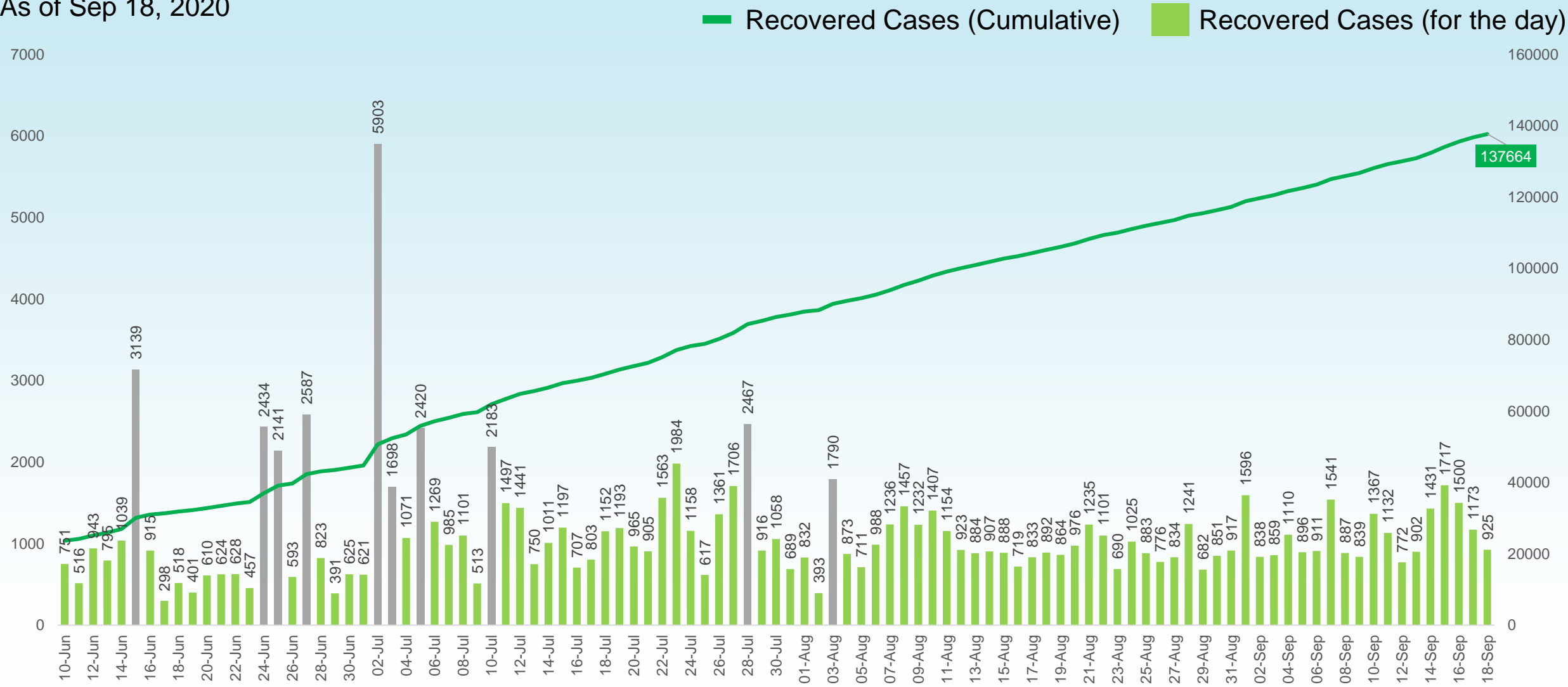


¹Data for Antigen tests is available from Jul 07 onwards

*The tests data is in thousands

Trend of Recovered Cases

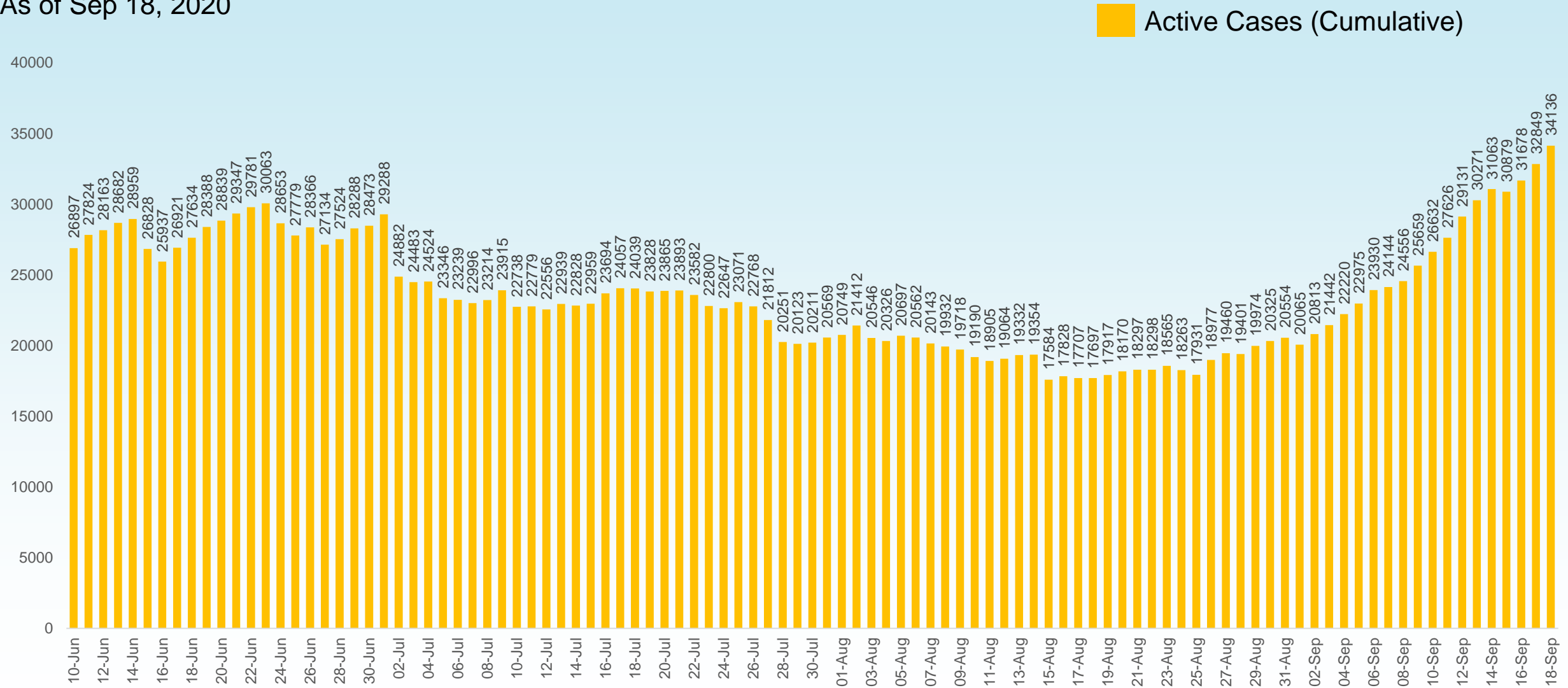
As of Sep 18, 2020



¹Spikes refer to reconciliation and updation for previous days

Trend of Active Cases

As of Sep 18, 2020

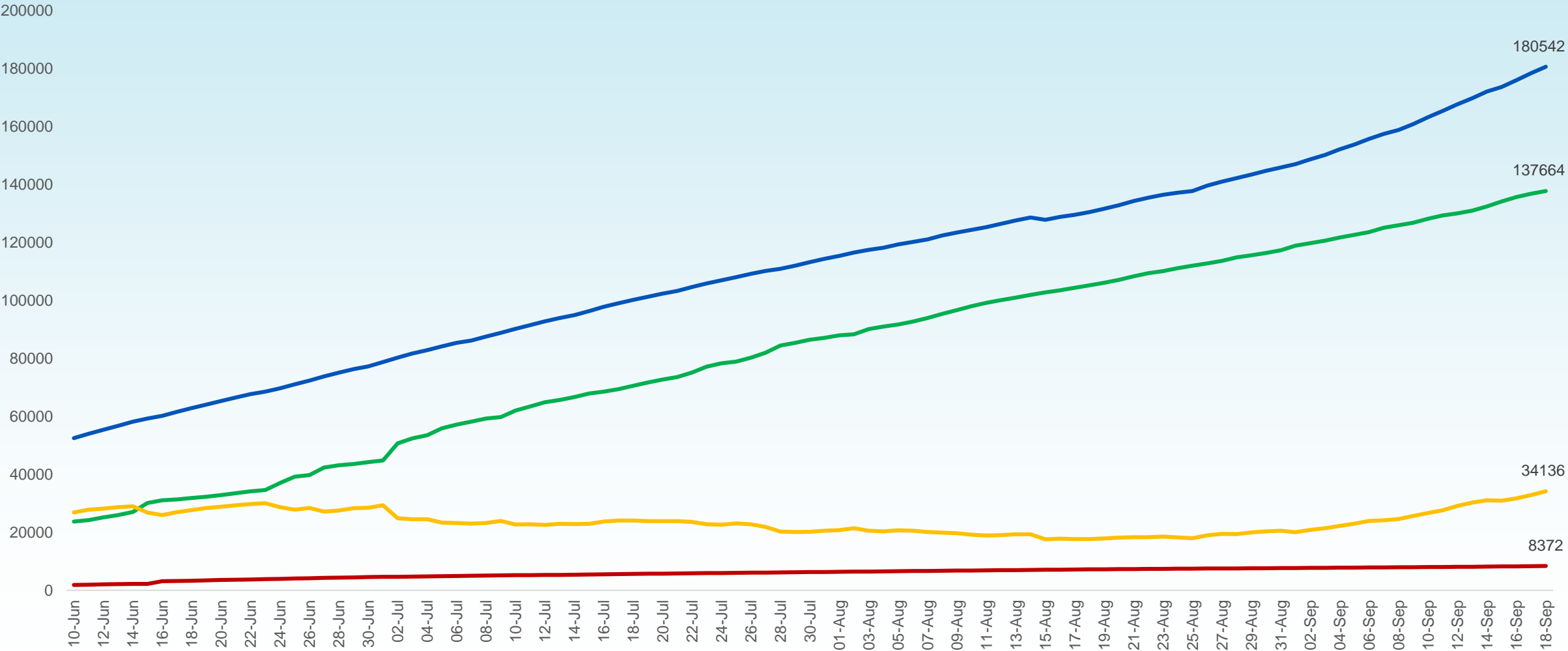




Case summary for Mumbai

As of Sep 18, 2020

Confirmed cases Deaths Recovered cases Active cases





Key Trends

Contact tracing and home quarantine

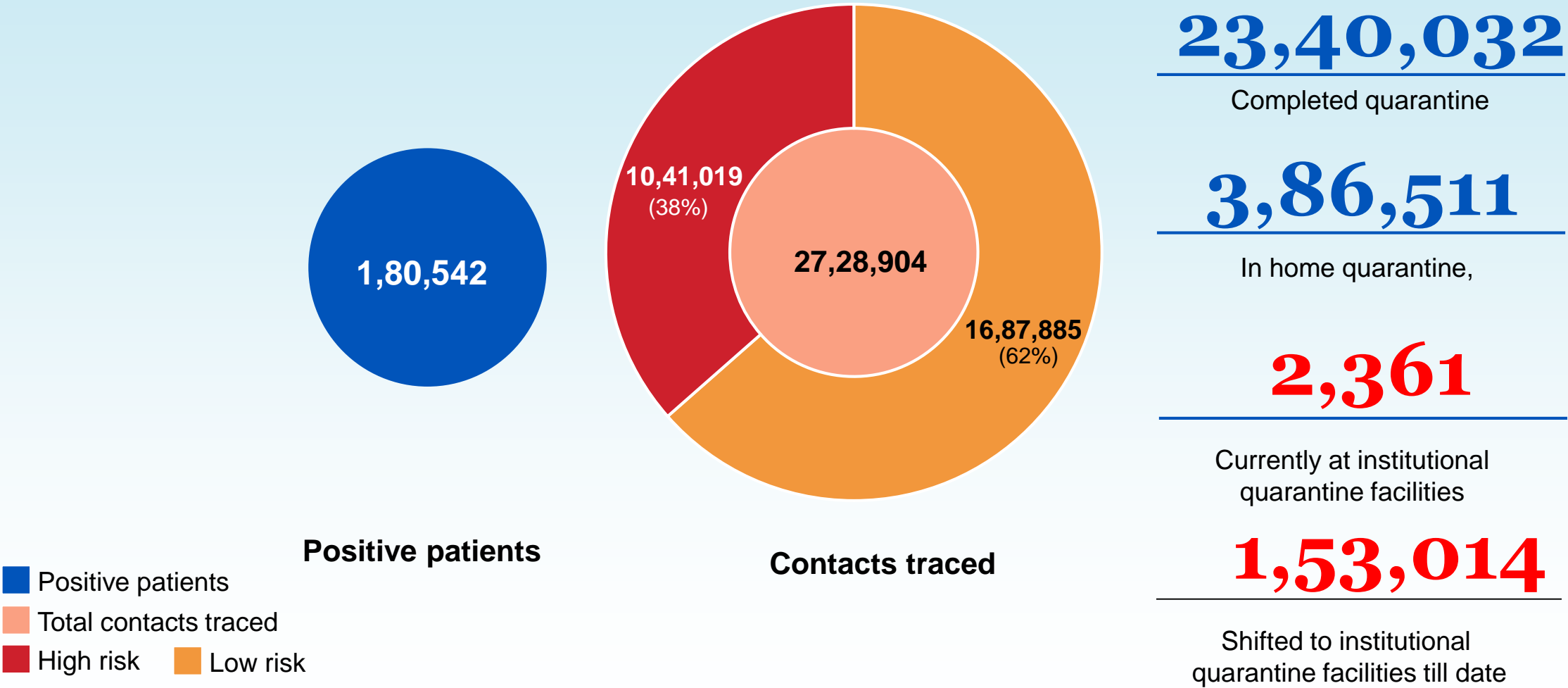
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Update on contact tracing

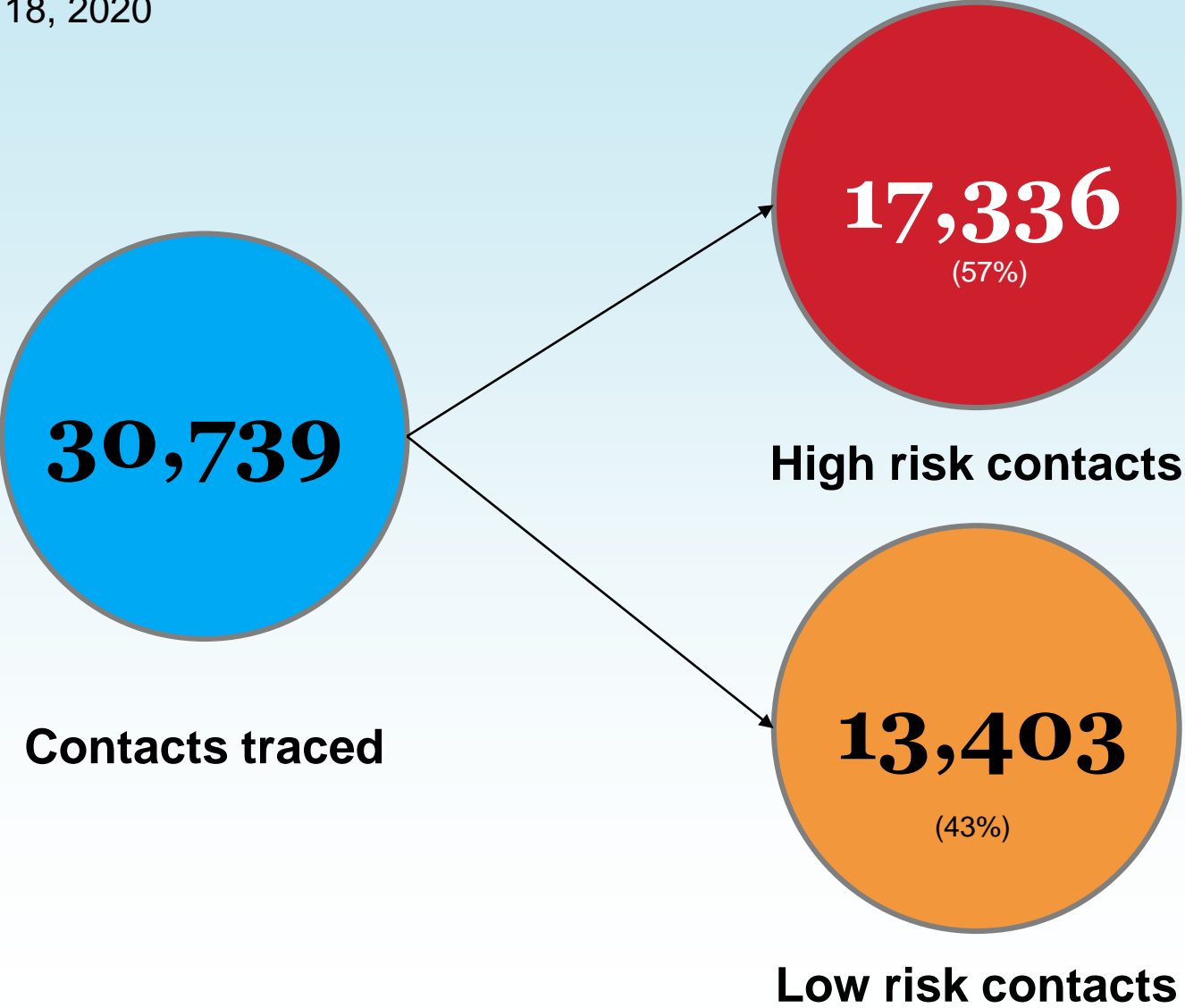
Summary as of Sep 18, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 18, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Contact tracing report for last 24 hours

Summary as of Sep 18, 2020



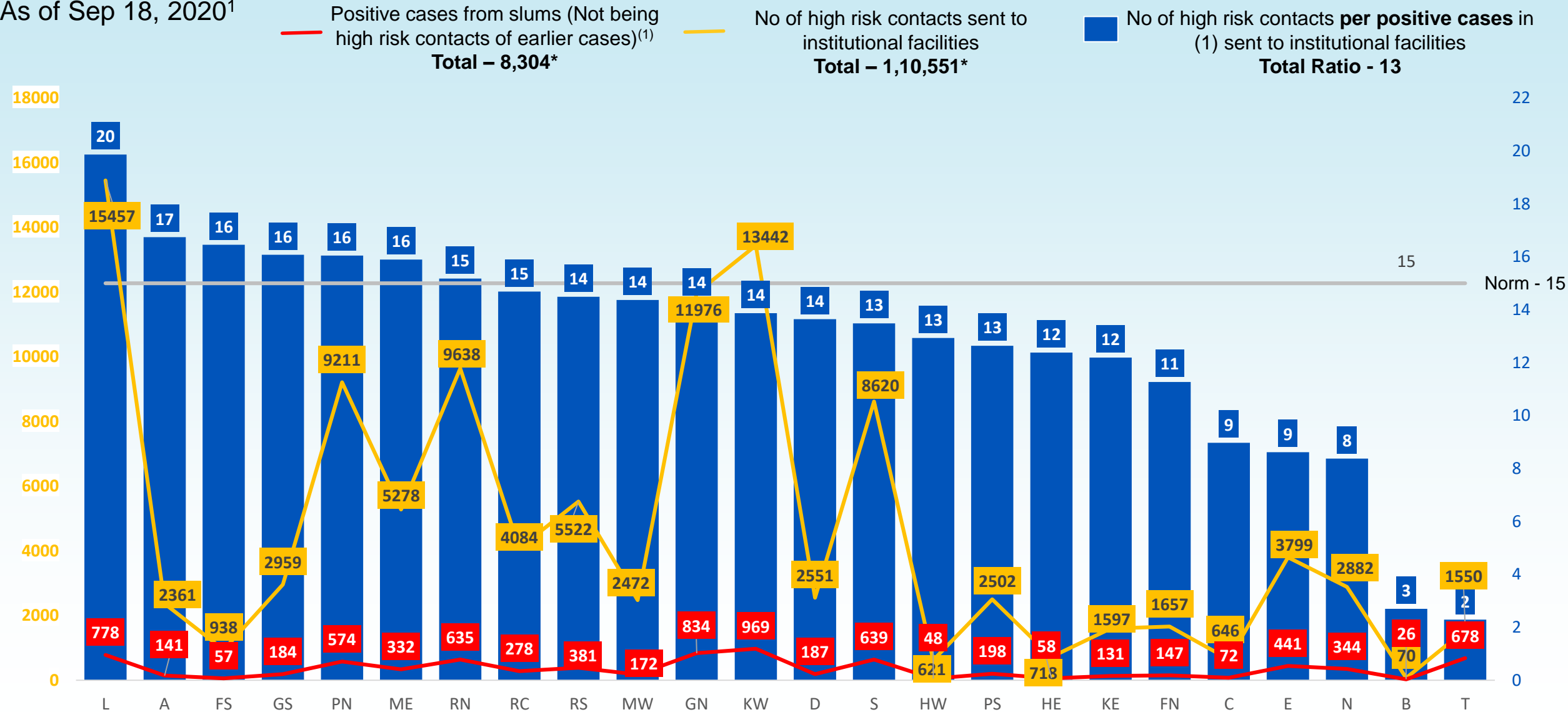
Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 18, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



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

As of Sep 18, 2020¹



* Data for Ward GN is updated as of Aug 17 and Ward RN is updated as of Sep 16

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

Data subject to change after scrutiny and ongoing verification process

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

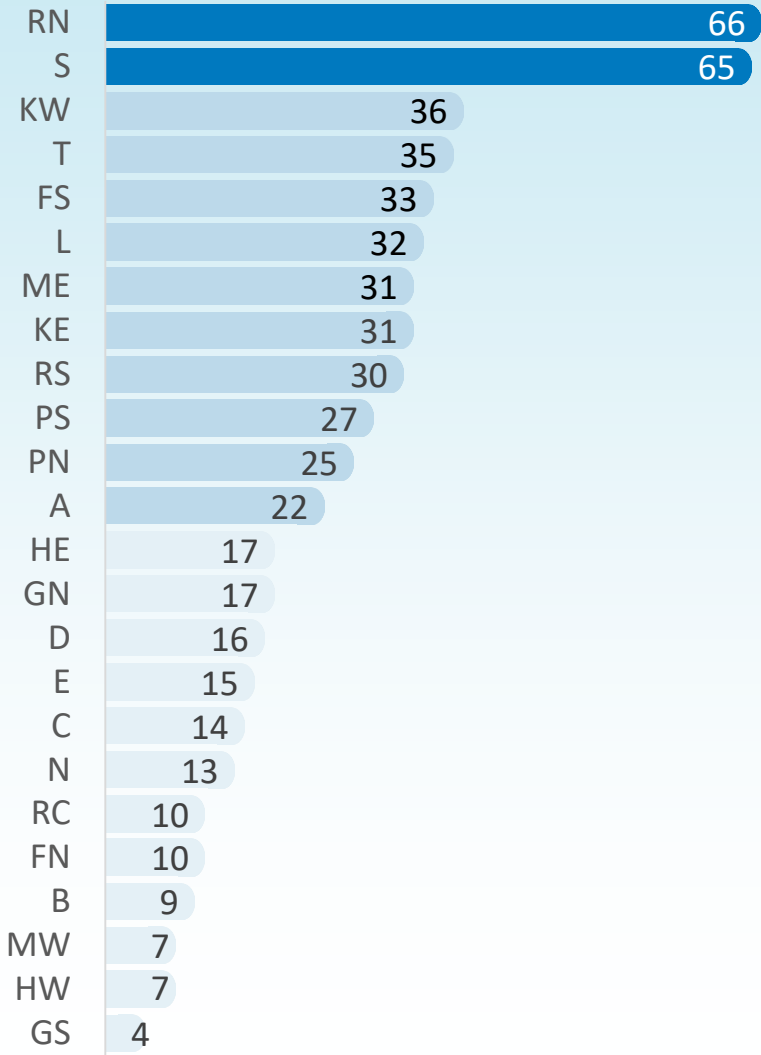
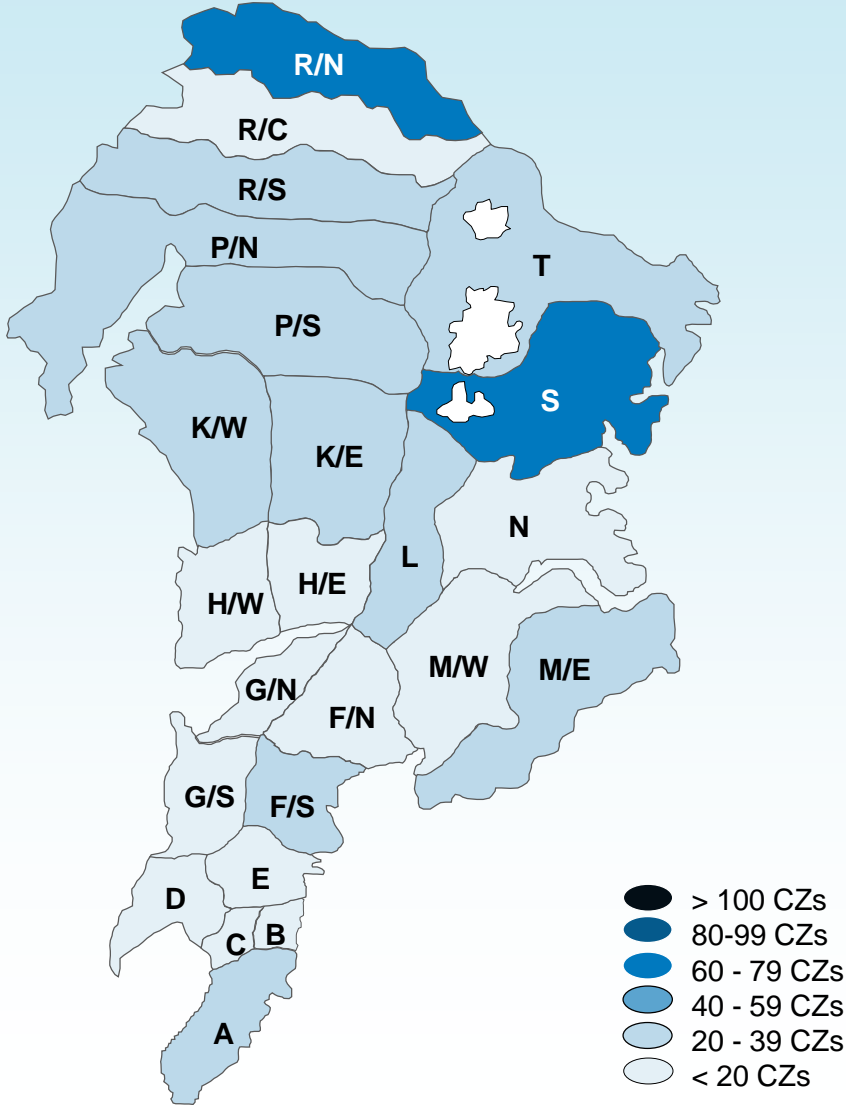


Ward-wise data as of Sep 18, 2020



Ward-wise containment zones – slums and chawls

As of Sep 18, 2020



572 Active Containment Zones

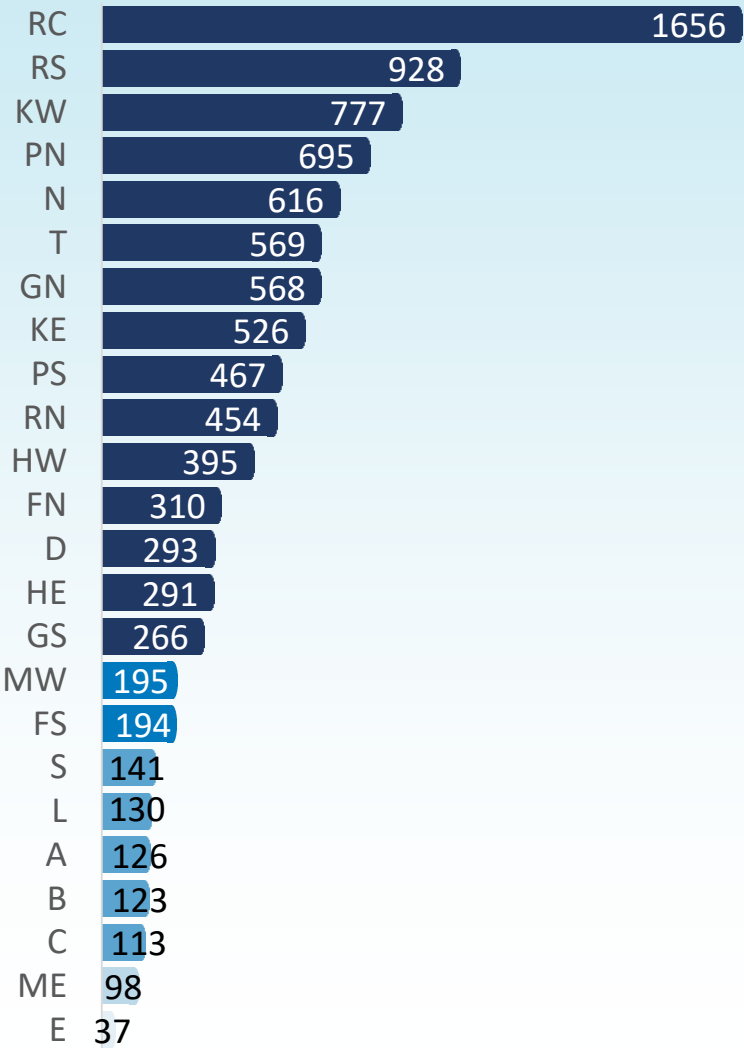
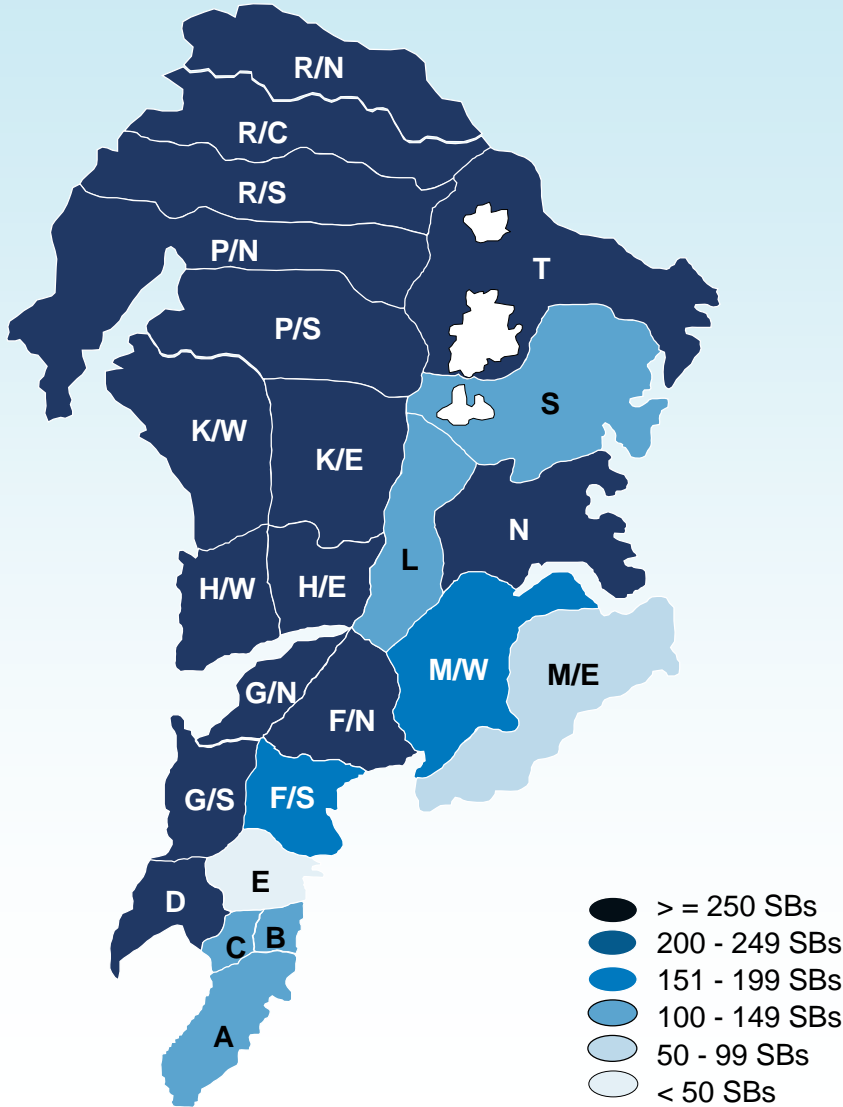
7.8 lacs No. of Households

33.9 lacs Population

1,048 Released Containment Zones

Ward-wise sealed buildings

As of Sep 18, 2020



9,968 *Active*
 Sealed Buildings

2.9 *lacs*
 No. of Households

11.4 *lacs*
 Population

25,781 *Released*
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

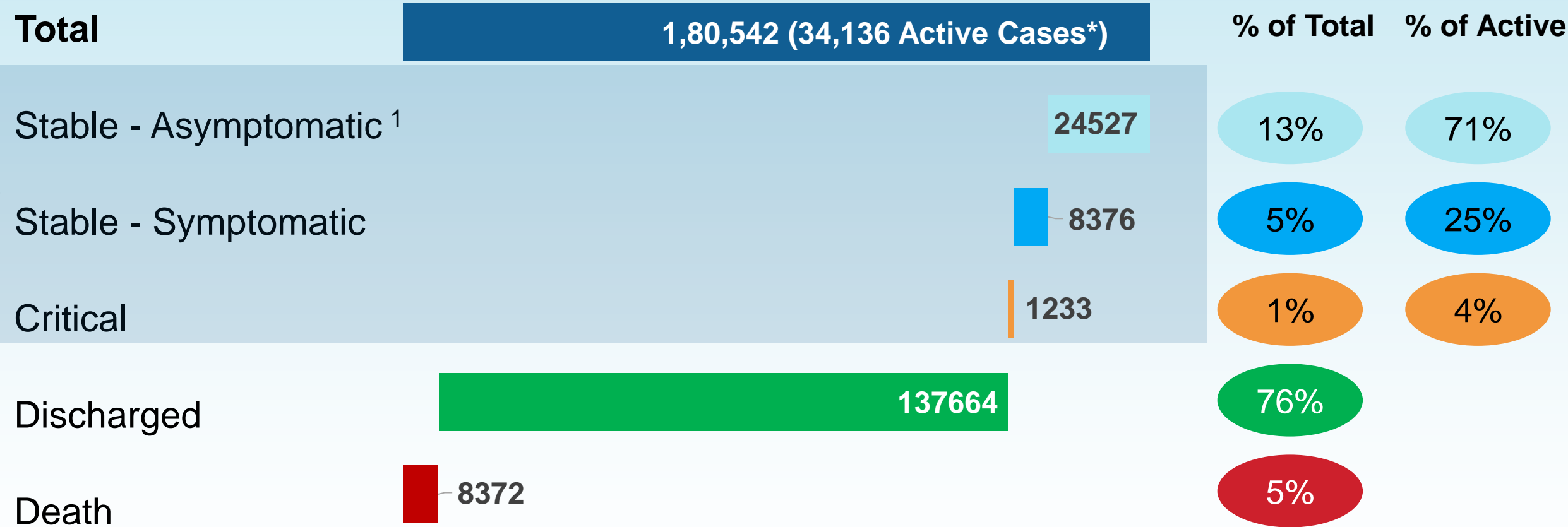
Bed Capacity

Other initiatives



Case summary for Mumbai

As of Sep 18, 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 (10,041 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

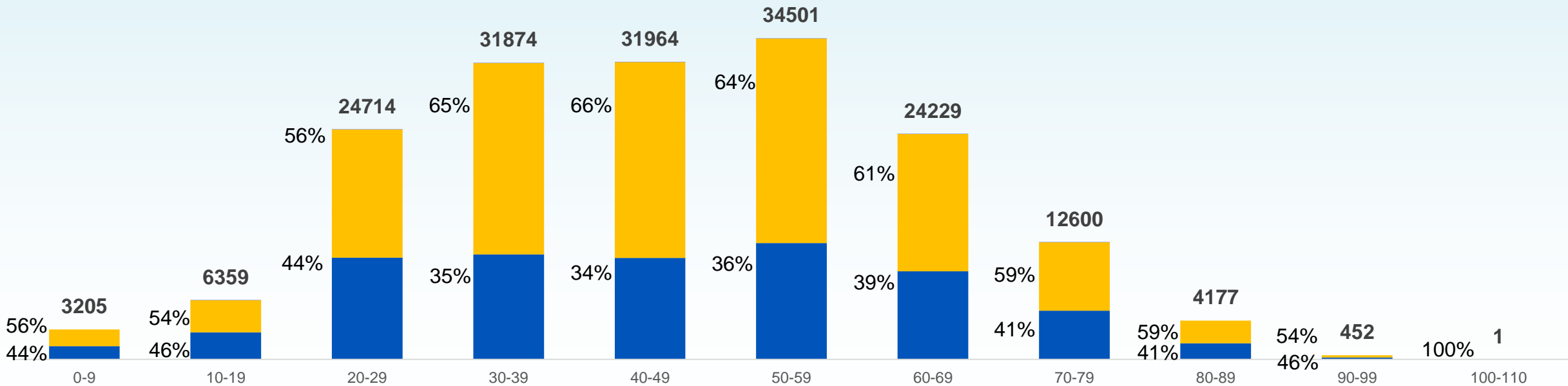
As of Sep 18, 2020¹

■ Female
 ■ Male
 ■ Others
● Deaths

Total Positives
1,80,542²

Total Deaths
8,372²

Fatality Rate
4.64%



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

¹ Total Age and sex-wise break up is available 1,74,076 cases; age-wise breakup of deaths available for 8,372 cases

² As on Sep 18

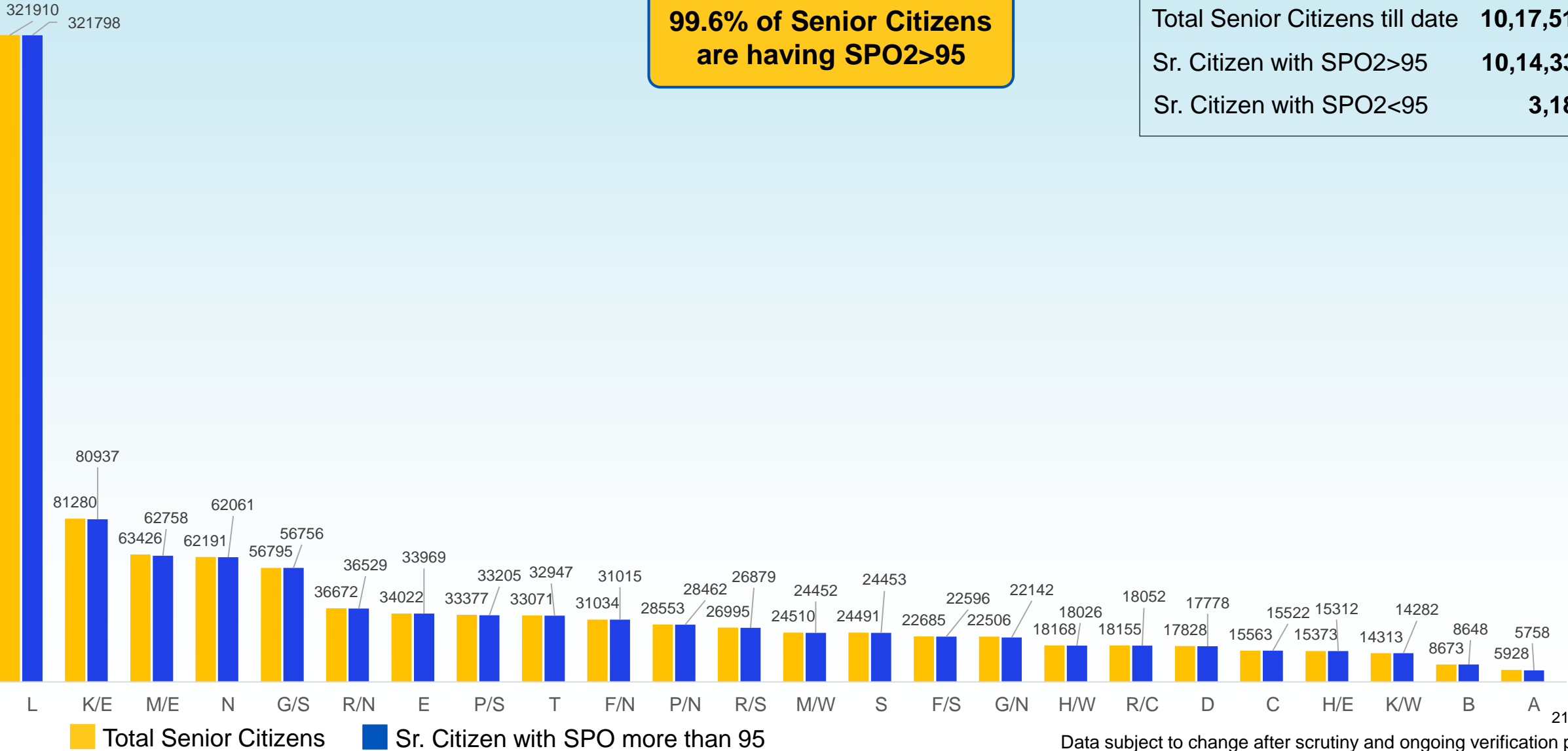


Proactive screening of elderly to protect them and contain mortality

Ward-wise data(progressive) till Sep 17, 2020

99.6% of Senior Citizens are having SPO2>95

Population Screened till date	1,81,80,224
Total Senior Citizens till date	10,17,519
Sr. Citizen with SPO2>95	10,14,337
Sr. Citizen with SPO2<95	3,182



Proactive screening of elderly to protect them and contain mortality

Ward-wise data for Sep 17, 2020

Wards	Total No. of Houses Surveyed	Population Covered	Total No. of Senior Citizens	Sr Citizen SPO2>95	* Sr Citizen SPO2<95
Total (Daily)	37,798	131,903	5,952	5,943	9
R/N	4,381	15,847	289	284	5
M/E	1,115	4,312	368	366	2
H/W	711	1,928	163	162	1
R/C	1,411	4,922	176	175	1
A	400	1,555	12	12	0
B	330	1,268	31	31	0
C	0	0	0	0	0
D	462	2,000	179	179	0
E	2,039	7,187	330	330	0
F/S	543	1,732	164	164	0
F/N	597	2,400	358	358	0
G/S	3,894	15,432	480	480	0
G/N	1,556	5,079	153	153	0
H/E	380	1,529	24	24	0
K/E	3,342	8,631	690	690	0
K/W	425	1,802	69	69	0
P/S	1,781	2,755	124	124	0
P/N	2,960	11,508	203	203	0
R/S	4,441	15,752	161	161	0
L	3,897	13,776	1,421	1,421	0
M/W	841	2,851	156	156	0
N	578	2,945	168	168	0
S	1,536	6,196	151	151	0
T	178	496	82	82	0

Summary till date

1,81,80,224^{*}

Total Population covered till date

10,17,519

Senior Citizens covered till date

10,14,337

Senior Citizens with SPO2>95
till date

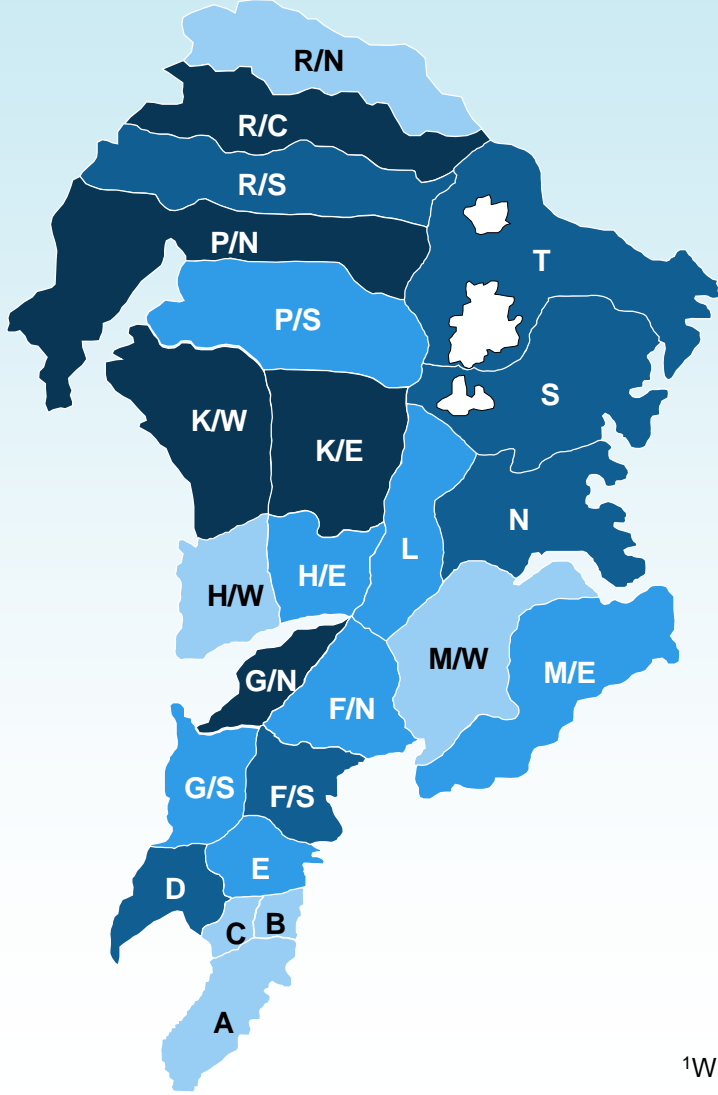
3,182

Senior Citizens with SPO2<95
till date



Ward-wise breakdown of positive cases

As of Sep 18, 2020



RC	11106	8537	328	2241
PN	10682	8667	392	1623
KW	10638	8160	350	2128
KE	10627	8254	576	1797
GN	9788	7752	539	1497
RS	9386	7115	275	1996
S	9081	7264	499	1318
N	8977	7134	438	1405
T	8088	6165	202	1721
D	7976	6318	277	1381
FS	7717	6372	404	941
GS	7211	5904	437	870
L	6986	5780	475	731
FN	6887	5246	339	1302
E	6672	5355	325	992
PS	6354	4940	266	1148
ME	5855	4551	333	971
HE	5777	4482	363	932
HW	5492	4255	217	1020
MW	5167	4044	316	807
RN	5120	3803	176	1141
A	4422	3670	78	674
C	2546	2079	110	357
B	1520	1169	97	254
Total		137016	7812	29247

- ≥ 9501 cases
- 7501 – 9500 cases
- 5501 – 7500 cases
- 0 – 5500 cases
- Discharged²
- Deaths³
- Active

Total Positives
1,80,542¹

Total Active
29,247¹

Active = Positive – Discharges – Death

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

¹Ward-wise breakup is available for 1,74,075 cases (29,247 Active), Total

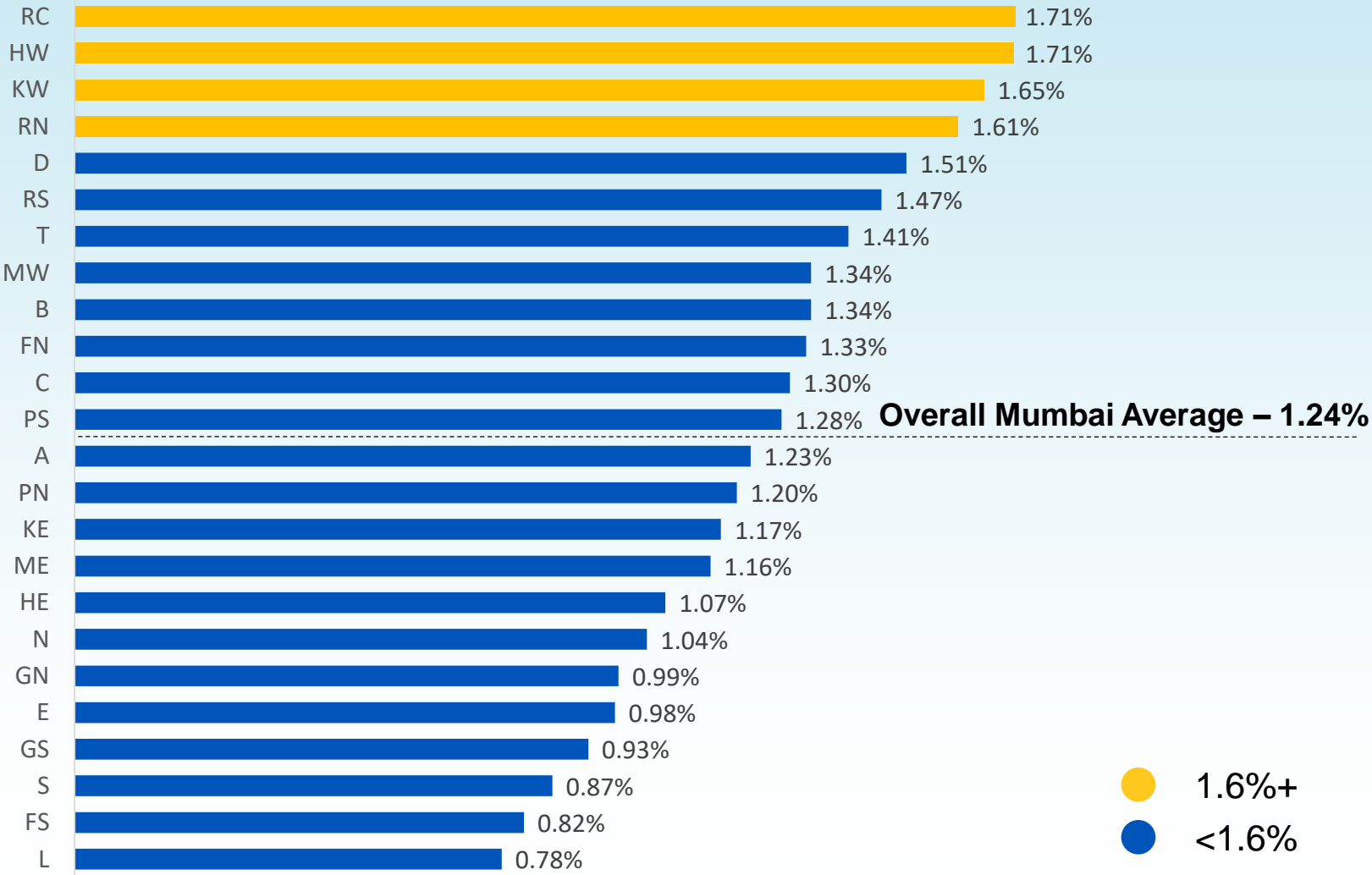
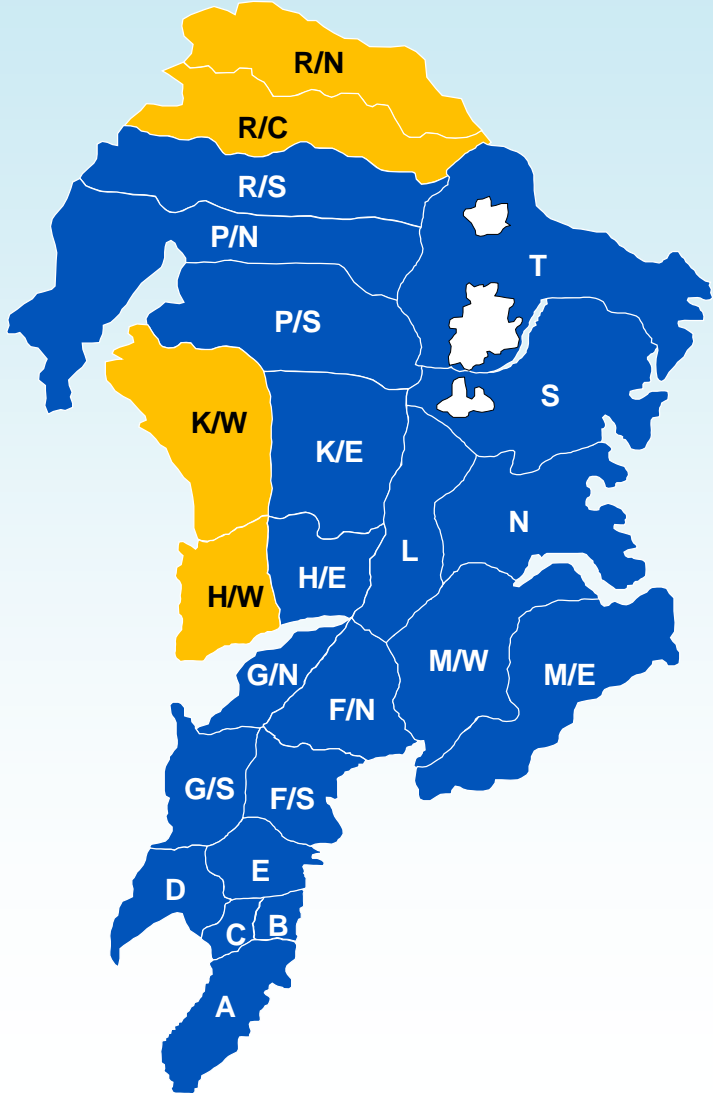
²Discharges as on Sep 18, Available for 1,37,016 cases,

³Deaths as on Sep 18, Available for 7,812 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 18, 2020



Ward-wise new cases

Positive cases for the last 7 days till Sep 18, 2020¹

Date of report	HW	RC	KW	RN	D	RS	T	B	FN	MW	C	PS	A	PN	KE	ME	HE	N	GN	E	GS	S	FS	L	Grand Total
Area>>>	Bandra	Borivali	Andheri W	Dahisar	Grant Road	Kandivali	Mulund	Sandhurst Road	Matunga	Chembur W	Marine Lines	Goregaon	Colaba	Malad	Andheri E	Chembur E	Khar	Ghatkopar	Dadar	Byculla	Elphinstone	Bhandup	Parel	Kurla	
As on 11th Sep	4879	9864	9485	4580	7181	8477	7335	1385	6279	4708	2326	5811	4060	9824	9793	5403	5361	8350	9137	6231	6757	8548	7290	6618	159682
12-Sep	61	192	181	98	132	164	111	20	71	64	27	76	58	143	115	50	68	99	120	72	60	63	66	63	2174
13-Sep	80	167	146	68	126	116	107	25	82	64	37	83	74	112	119	45	67	66	86	49	71	68	62	41	1961
14-Sep	84	172	171	85	107	137	137	25	100	80	22	85	23	134	112	126	70	90	128	74	65	91	64	51	2233
15-Sep	81	142	156	35	81	105	73	12	58	39	17	57	37	89	93	42	43	60	49	36	39	49	44	56	1493
16-Sep	124	196	192	84	118	113	132	20	110	61	32	91	53	125	143	51	66	84	77	70	73	55	60	55	2185
17-Sep	111	194	144	88	103	160	92	14	94	78	37	79	62	121	142	75	40	122	107	62	69	130	71	51	2246
18-Sep	72	179	163	82	128	114	101	19	93	73	48	72	55	134	110	63	62	106	84	78	77	77	60	51	2101
As on 18th Sep	5492	11106	10638	5120	7976	9386	8088	1520	6887	5167	2546	6354	4422	10682	10627	5855	5777	8977	9788	6672	7211	9081	7717	6986	174075
Days to double	41	41	42	44	46	48	50	52	52	52	54	54	57	58	59	60	65	67	70	71	75	80	85	90	56

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 18, 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

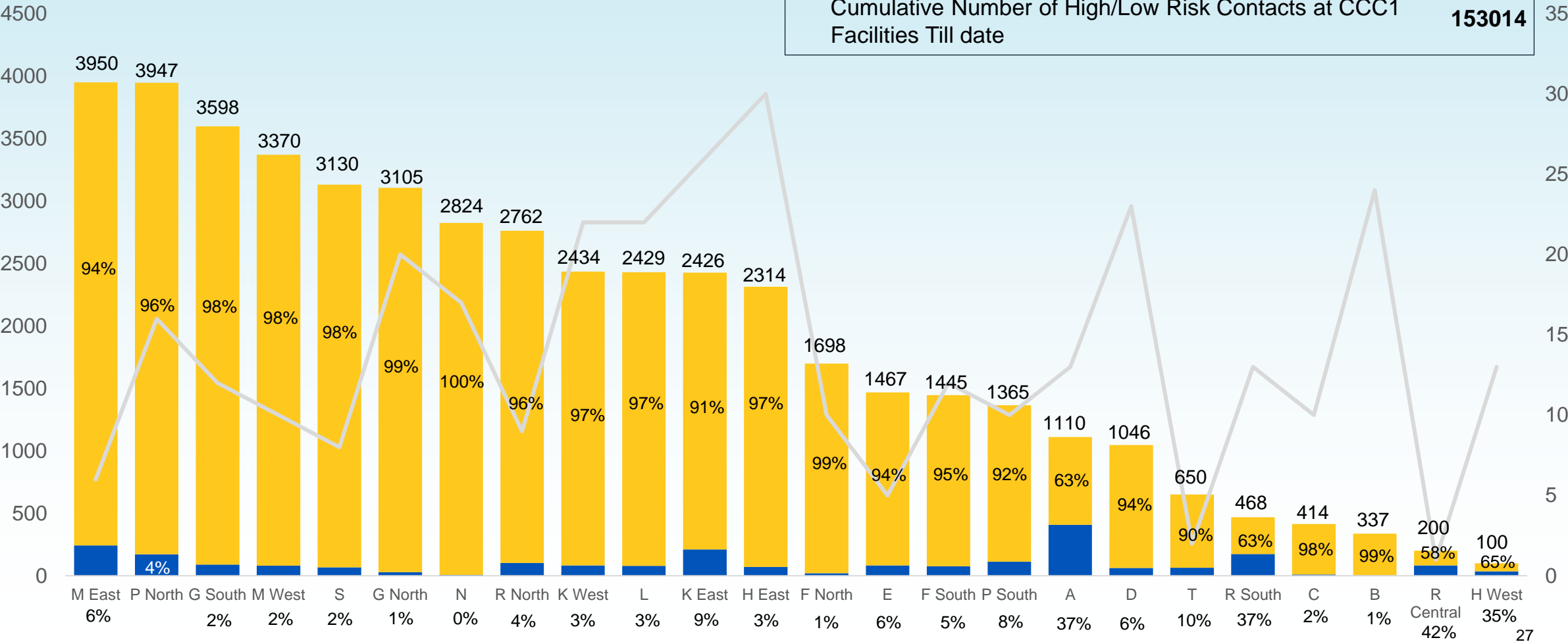
Other initiatives



Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 18, 2020

No. of CCC1 Facilities identified for High/Low Risk Contacts	334
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2361
Available capacity	44228
Total Capacity	46589
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	153014



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

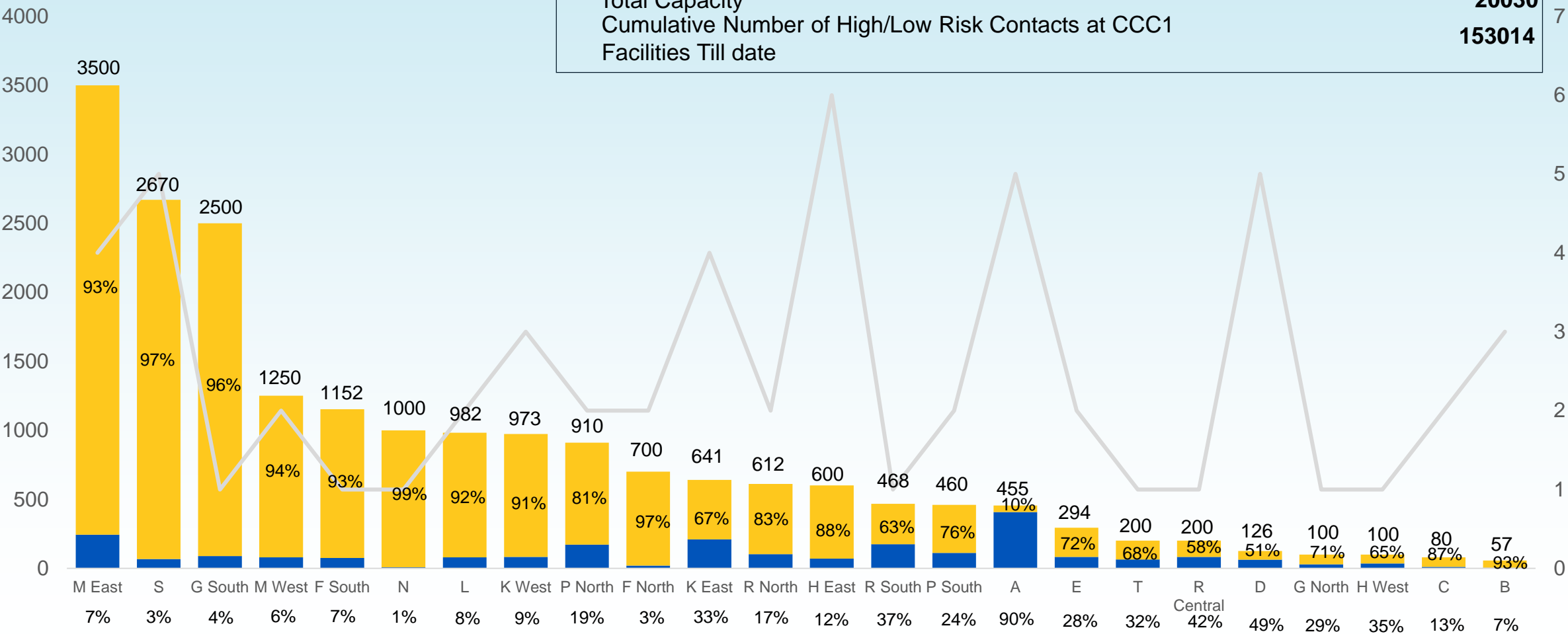
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 18, 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:	2361
Available capacity	17669
Total Capacity	20030
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	153014

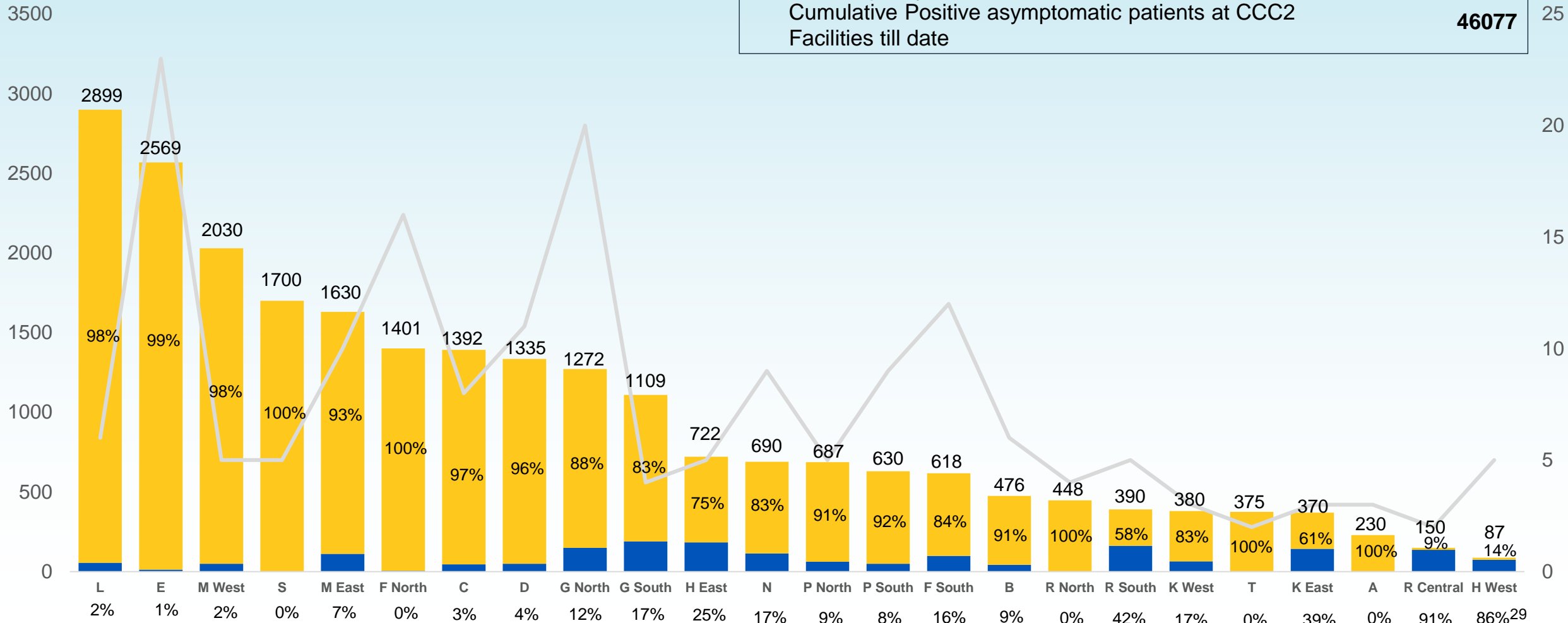




Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 18, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	181
Number of positive asymptomatic patients shifted to CCC2 Facilities	1803
Available capacity	21787
Total Capacity	23590
Cumulative Positive asymptomatic patients at CCC2	46077
Facilities till date	



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

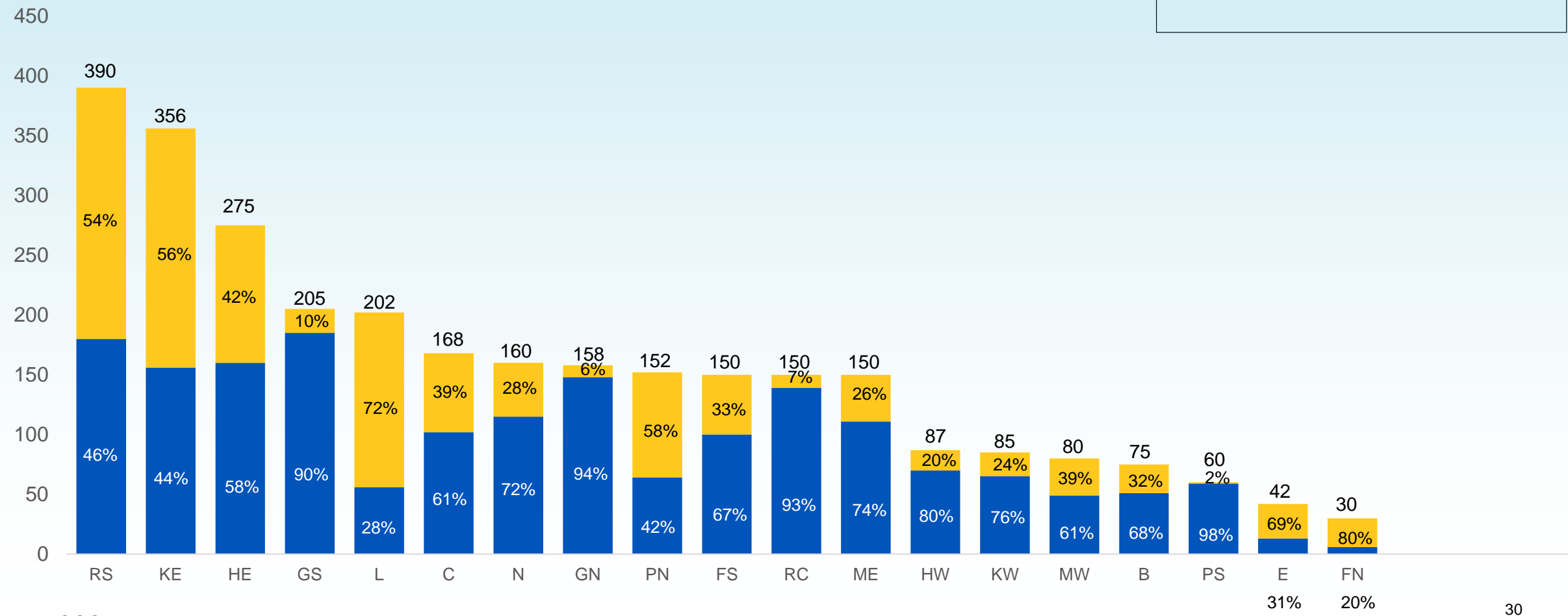
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 18, 2020

Beds occupied	1829
Available capacity	1146
Total capacity	2975
Cumulative patients till date	38353

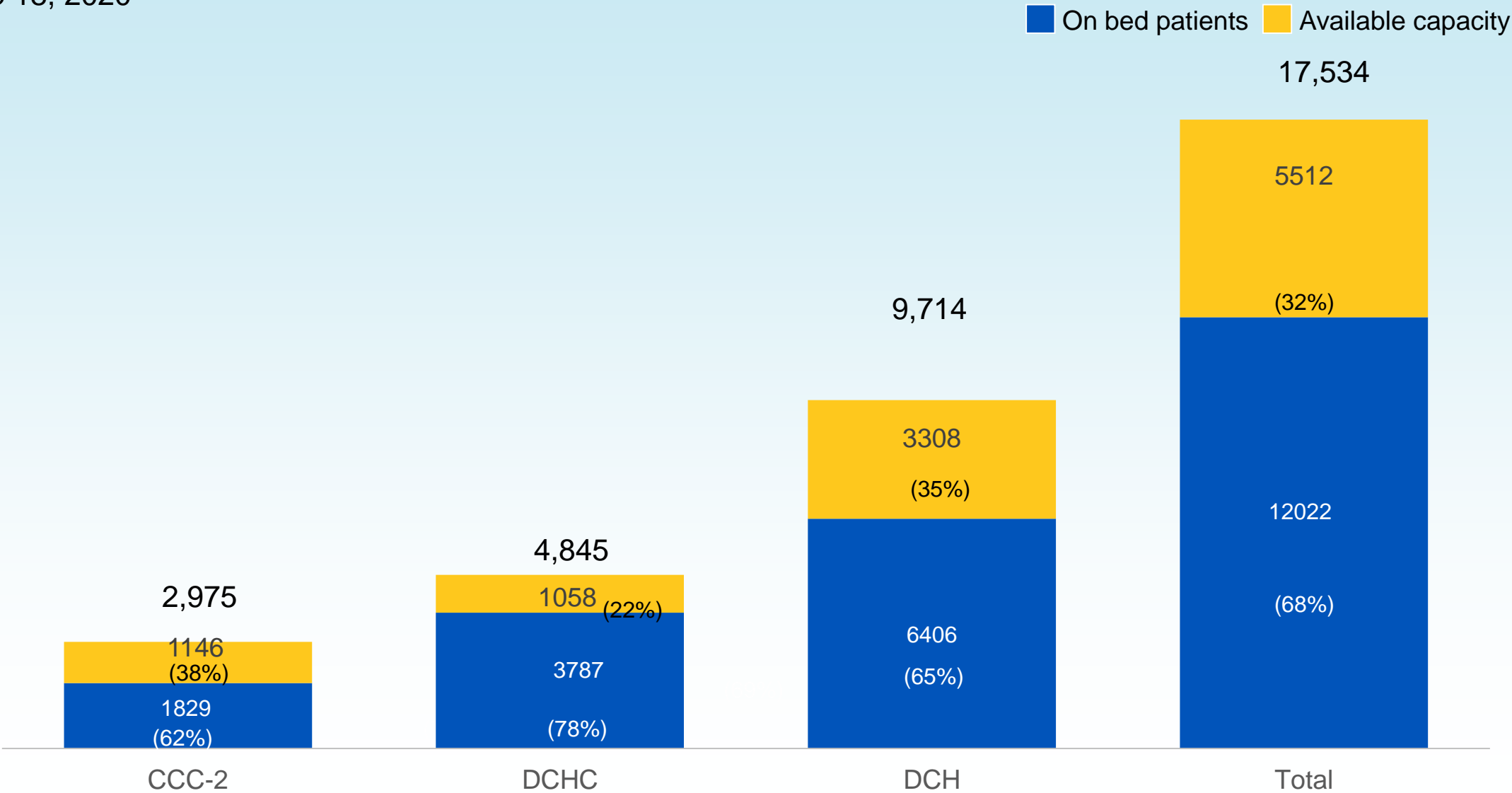


Source: "CCC2 line list"

Data subject to change after scrutiny and ongoing verification process

Summary of total bed capacity

As of Sep 18, 2020



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 19, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
Total	14,559	10,193	4,366
ICU Beds	1,786	1,583	203
Regular	1,752	1,562	190
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	12,773	8,610	4,163
Quarantine for Suspect	994	623	371
Isolation for Positives	11,376	7,771	3,605
Pregnancy	218	97	121
Others (Cancer + Dialysis)	185	119	66
<i>O2 Beds*</i>	8,805	6,081	2,724
<i>Ventilators*</i>	1,119	1,006	113

Summary of total bed capacity

Data as on 01:00 PM, Sep 19, 2020 , Subject to change

		COVID Beds				
		Total	ICU Beds	Normal Beds		O2 Beds* Ventilators*
Capacity	Total	14,559	1,786	12,773		8,805 1,119
	Public Hospitals	10,805	902	9,903		6,442 703
	Pvt Hospitals	3,754	884	2,870		2,363 416
Occupancy	Total	10,193	1,583	8,610		6,081 1,006
	Public Hospitals	7,024	781	6,243		4,088 618
	Pvt Hospitals	3,169	802	2,367		1,993 388
Vacancy	Total	4,366	203	4,163		2,724 113
	Public Hospitals	3,781	121	3,660		2,354 85
	Pvt Hospitals	585	82	503		370 28

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



Key Trends

Contact tracing and home quarantine

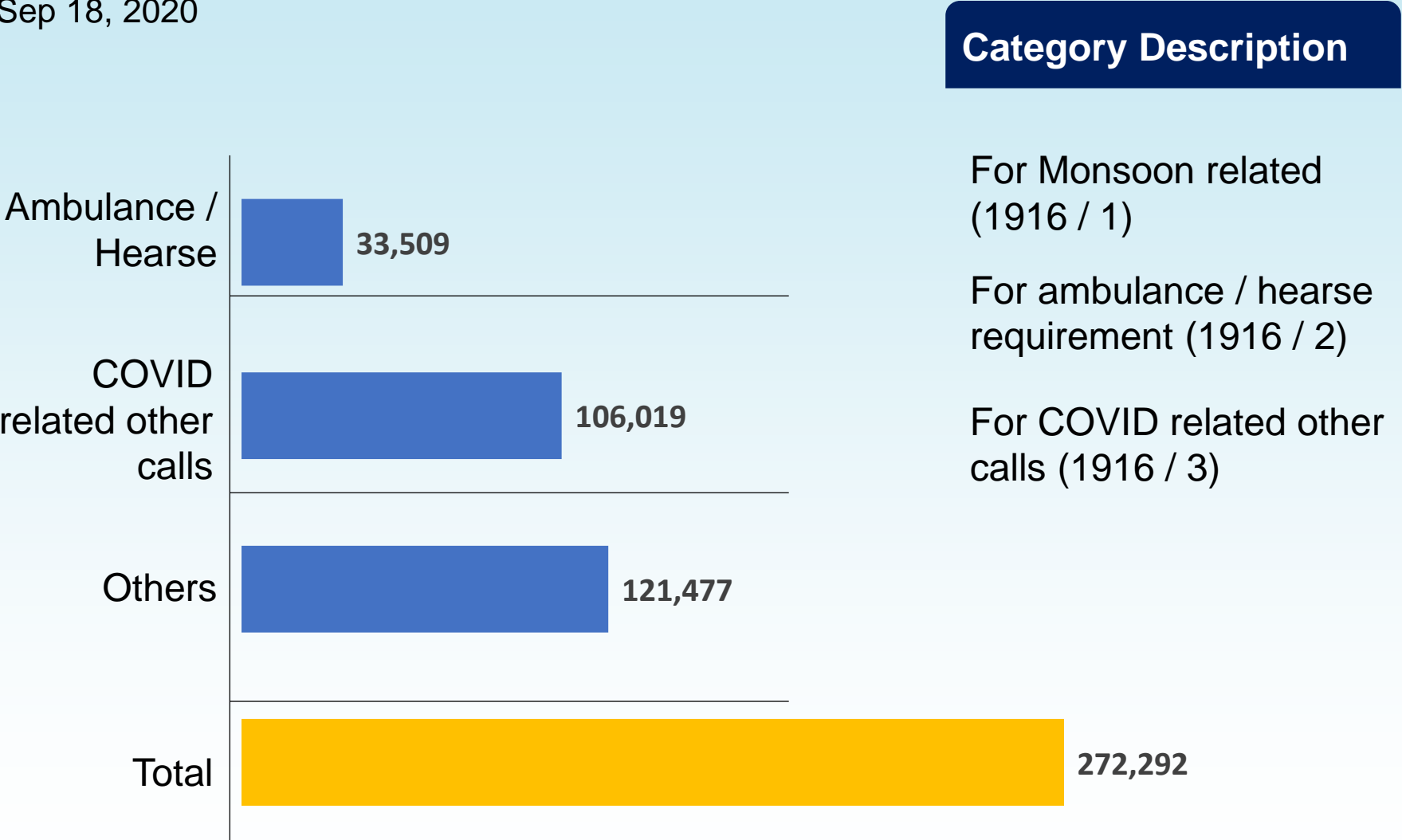
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Call Center update

For all calls received from April 24 to Sep 18, 2020



Management of Waste from Quarantined Areas

September 17, 2020



Waste Collected (in Kgs)

COVID BMW (in Kgs)
8,362

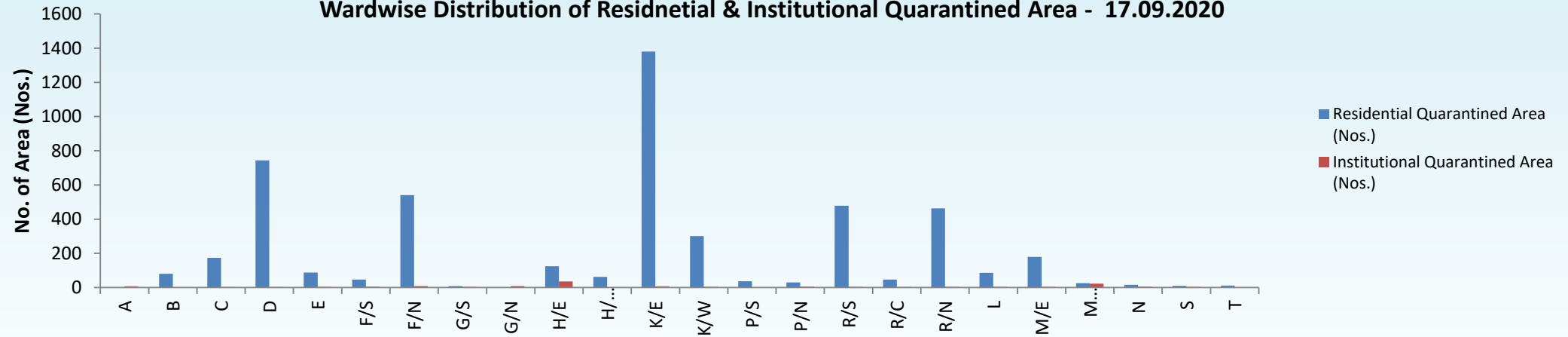
MCGM Quarantine BMW (in Kgs)
3,869

Total BMW (in Kgs):
12,231.0

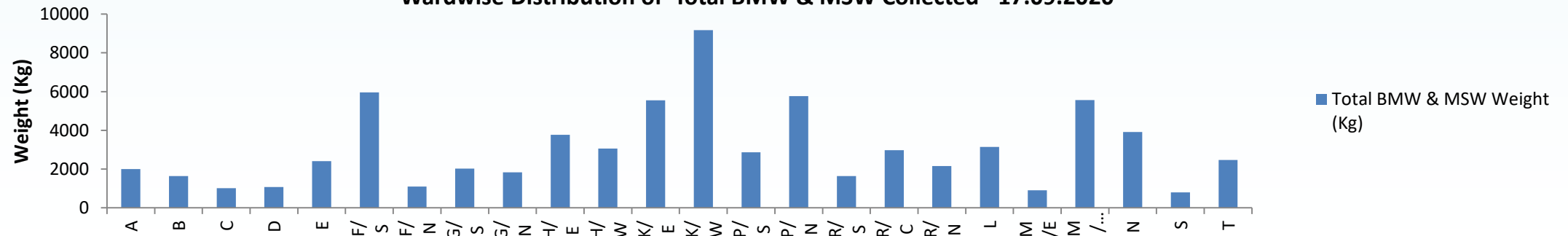
Total MSW Collected by MCGM from Quarantined Area (in Kgs):
68,920.0

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

