

BMC Covid-19 Response War Room Dashboard

Sep 22, 2020



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Mumbai COVID19 status at a glance

As of Sep 21, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 02:30 PM, Sep 22, 2020)		CCC1 Facilities			Contact Tracing	Past 24hrs	Cumulative
Total Positive	1,86,150	Bed Capacity (DCHC+DCH+CCC2)	17,678	Facilities (#)	Bed Capacity	Occupancy	Total Traced	25,541	28,18,098
		Occupied	11,460				High Risk	13,966	10,90,429
Discharged	1,50,535	Available	6,218	Total	334	46,589	2,333	Low Risk	17,27,669
				Active	43	17,757	2,333	Total Quarantine Completed	23,92,108
Deaths	8,502	DCH & DCHC Bed Capacity	14,728	Buffer	16	2,273	-	Currently in Home Quarantine	4,23,657
Deaths with Age > 50yrs – 7,160)		Occupied	9,898	Reserve [#]	275	26,559	-	Others	
		Available	4,830	CCC2 Facilities					
Total Active	26,735	ICU Bed Capacity	1,916	Facilities (#)	Bed Capacity	Occupancy	Senior Citizens Screened till date		10,29,057
Stable – Asymptomatic	17,709	Occupied	1,714	Total	181	23,739	1,650	Senior Citizens with SPO2 > 95	10,25,871
Stable - Symptomatic	7,679	Available	202	Active	24	2,978	1,650	Active Containment Zones – Slums & Chawls	617
Critical	1,347	O2 Bed Capacity	8,907	Buffer	13	2,265	-	Active Sealed Buildings	10,065
Tests Done (till date)	10,22,711	Occupied	5,896	Reserve [#]	144	18,496	-	Calls Centre Calls Flow	2,74,807
% of Positive (till date)	18.20	Available	3,011	# Facilities that have been deactivated and can be used as per need					
Ward wise positive cases		Ventilator Bed Capacity	1,133						
		Occupied	1,028						
		Available	105						

Ward wise positive cases

Wards	HW	RC	KW	RN	C	RS	D	FN	T	MW	PS	PN	A	KE	B	HE	N	E	S	ME	GS	L	FS	GN	Overall
Positive Cases	5792	11580	11084	5328	2642	9746	8249	7140	8364	5338	6569	11054	4559	10940	1563	5977	9244	6879	9390	6010	7406	7192	7931	10029	Mumbai
Days to double	38	45	46	50	53	53	54	55	58	59	60	61	62	64	68	68	68	71	71	73	77	81	83	85	60

1 Ward-wise break up is as on Sep 21, 2020, available for 1,80,006 cases

Data subject to change after scrutiny and ongoing verification process



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

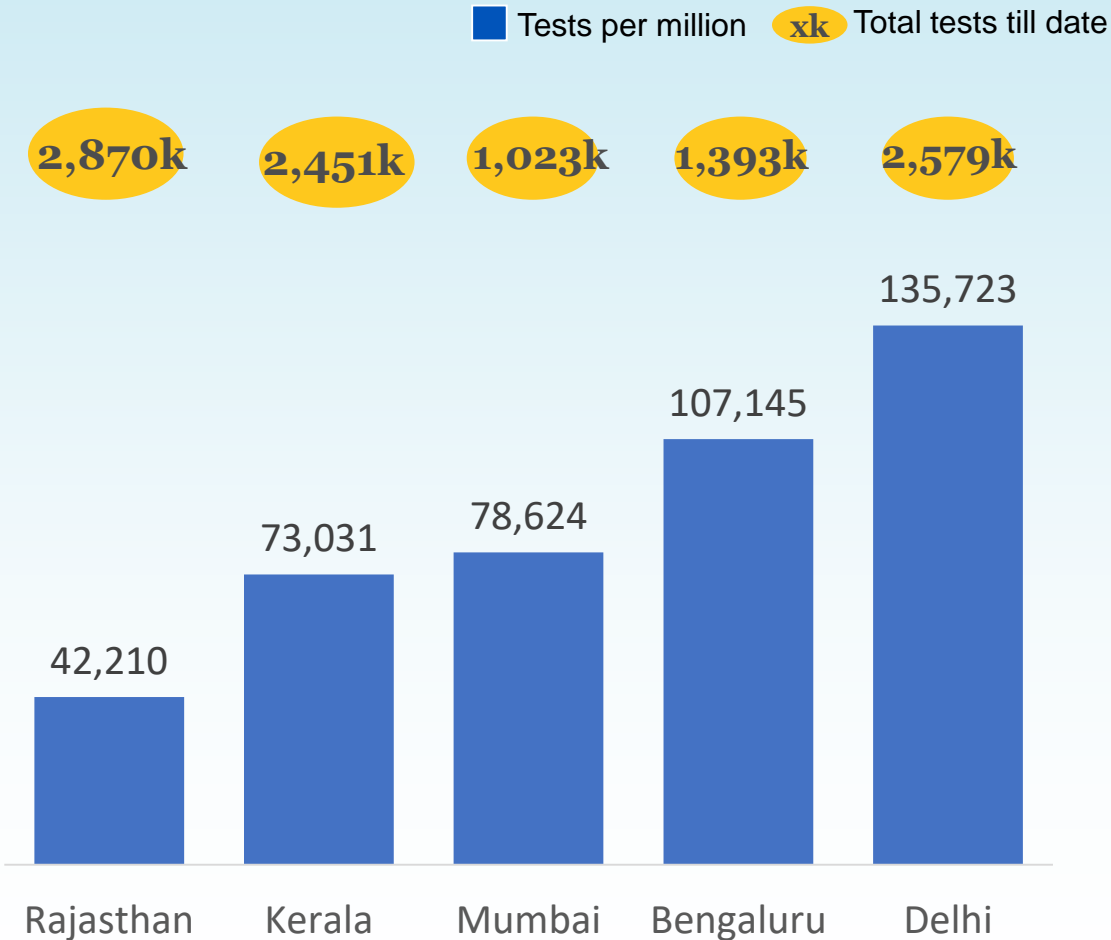
Bed Capacity

Other initiatives

Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Sep 21, 2020

Tests per million



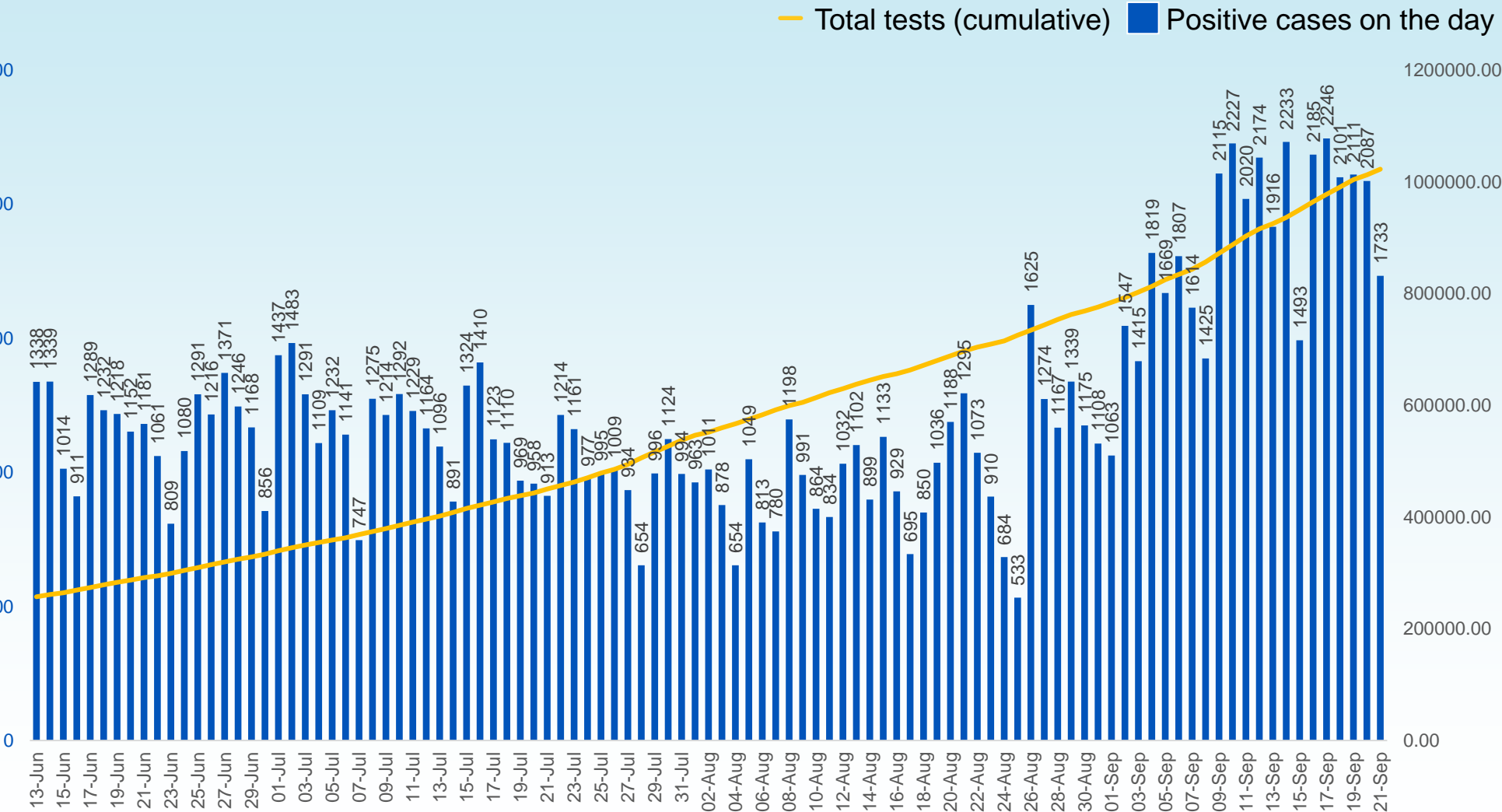
Source: Government COVID bulletins as of Sep 21 2020
 * Data as on Sep 19 2020

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	186,150	1,022,711	78,624
Delhi	249,259	2,578,737	135,723
West Bengal	228,302	2,833,831	31,408
Gujarat	124,605	3,859,368	62,248
Kerala	138,631	2,450,599	73,031
Maharashtra	1,224,380	6,021,778	48,737
Rajasthan	116,881	2,870,267	42,210
Tamil Nadu	547,337	6,555,328	196,339

Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Sep 21, 2020



Summary till date

1,86,150¹

Total positive cases

10,22,711

Total tests conducted

18.20%

Positive cases as a % of total tests

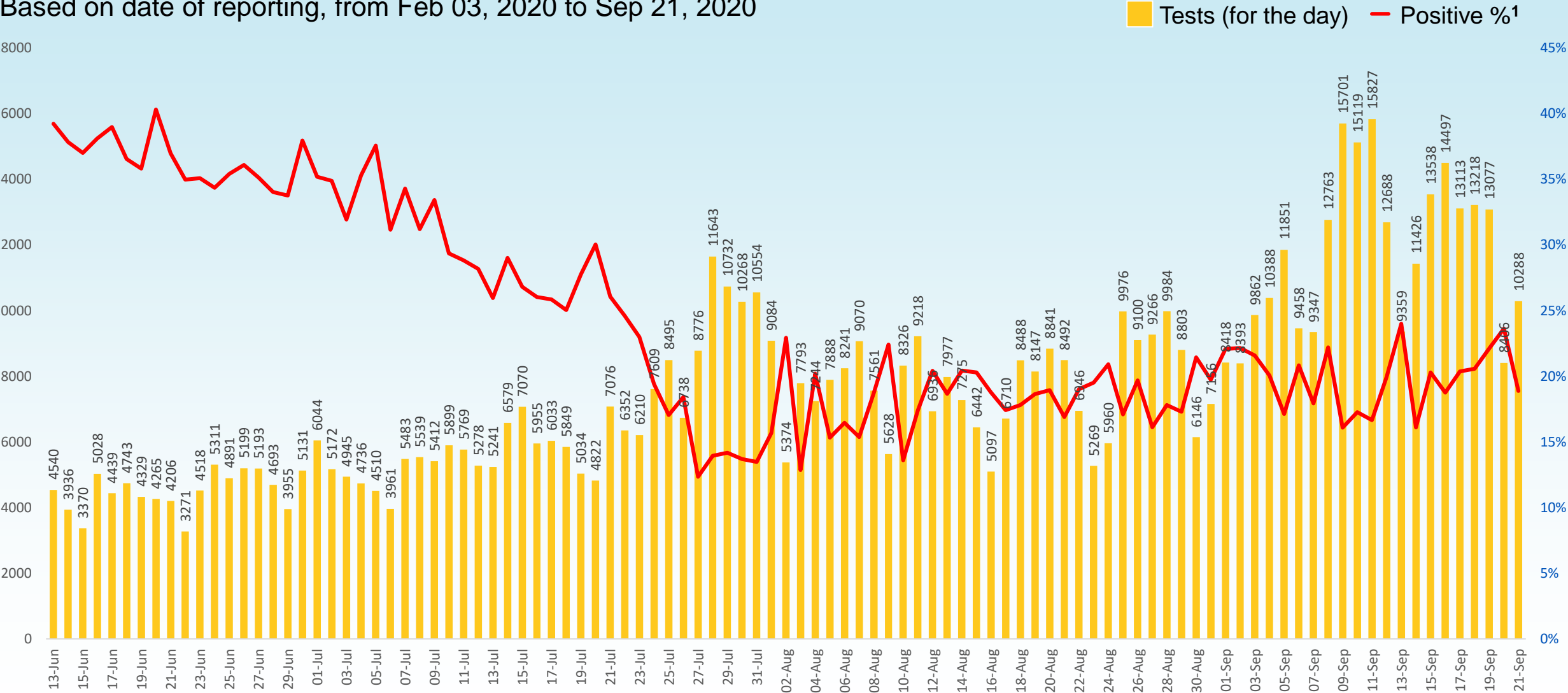
1 Total Positive cases as on Sep 21, Total cases as of Sep 21 as per line list is 1,80,006

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

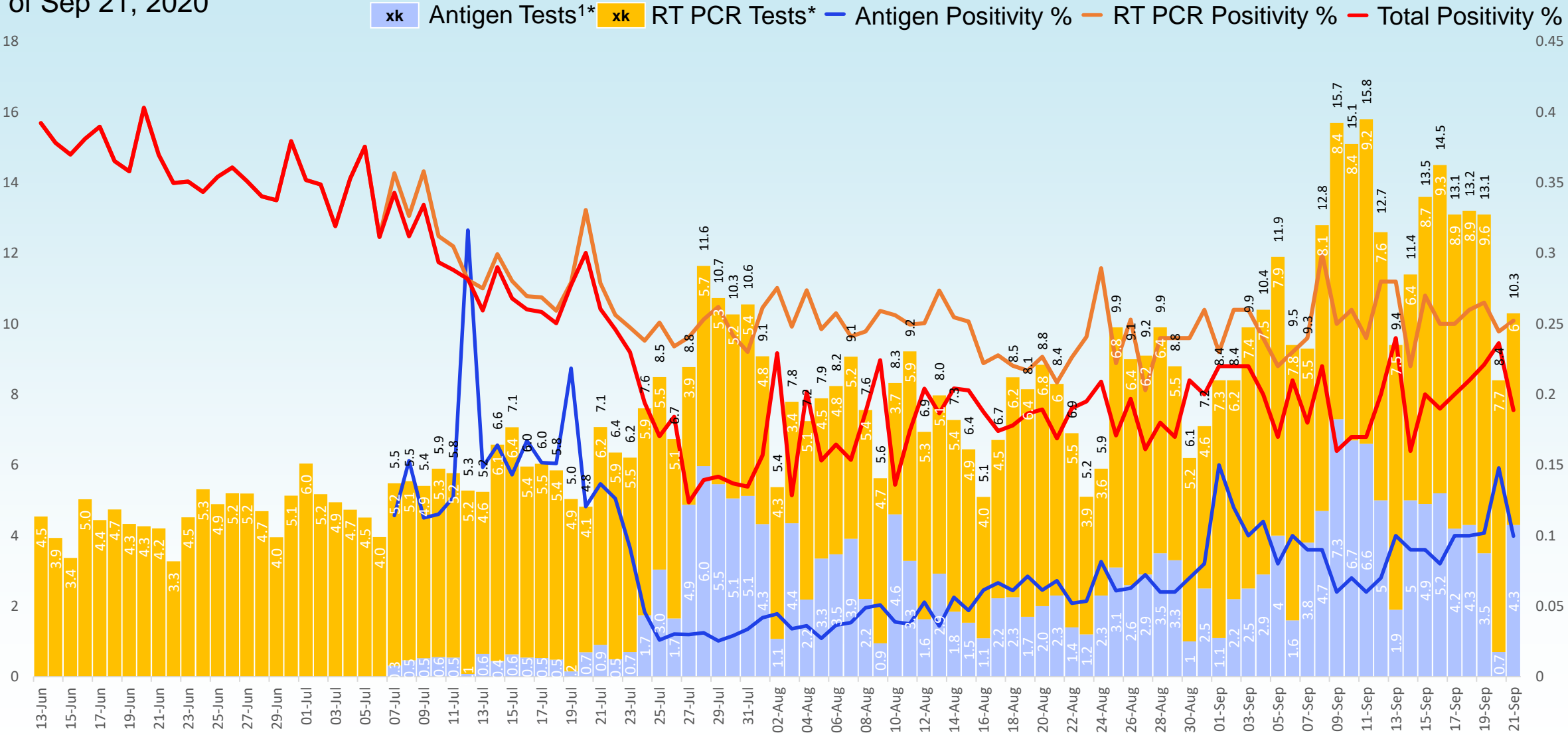
Based on date of reporting, from Feb 03, 2020 to Sep 21, 2020



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 (2%)
 Source: Covid-19 daily update by the Public Health Department, BMC

Trend of positive cases vis-à-vis Tests

As of Sep 21, 2020

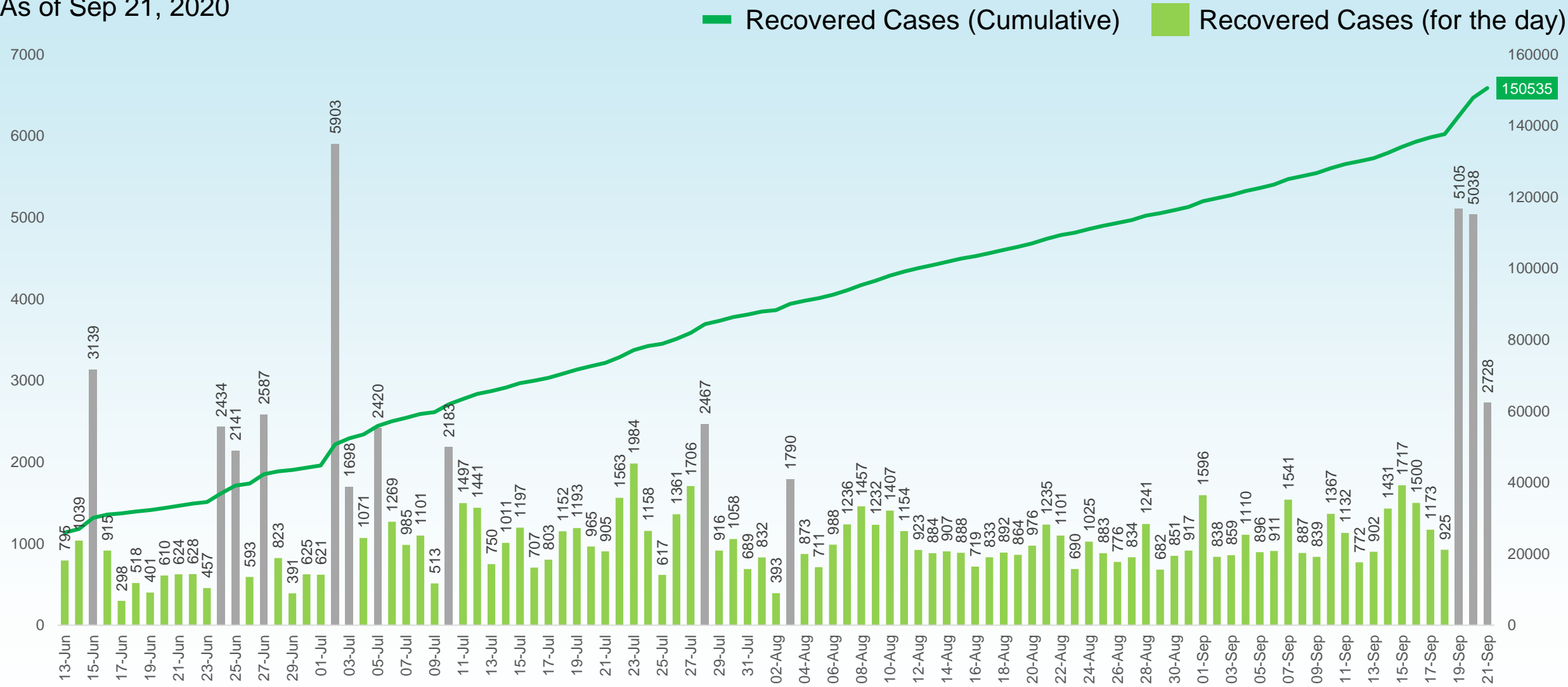


¹Data for Antigen tests is available from Jul 07 onwards

*The tests data is in thousands

Trend of Recovered Cases

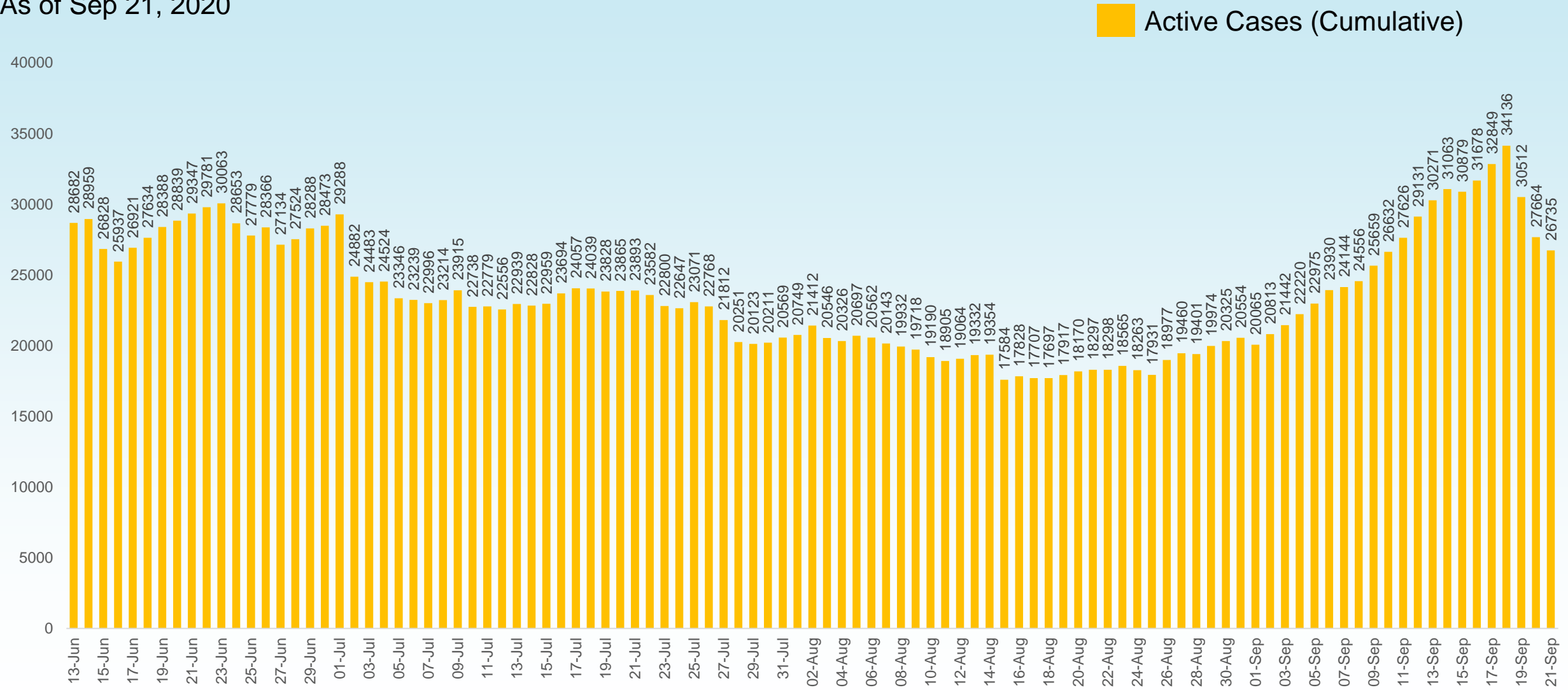
As of Sep 21, 2020



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

Trend of Active Cases

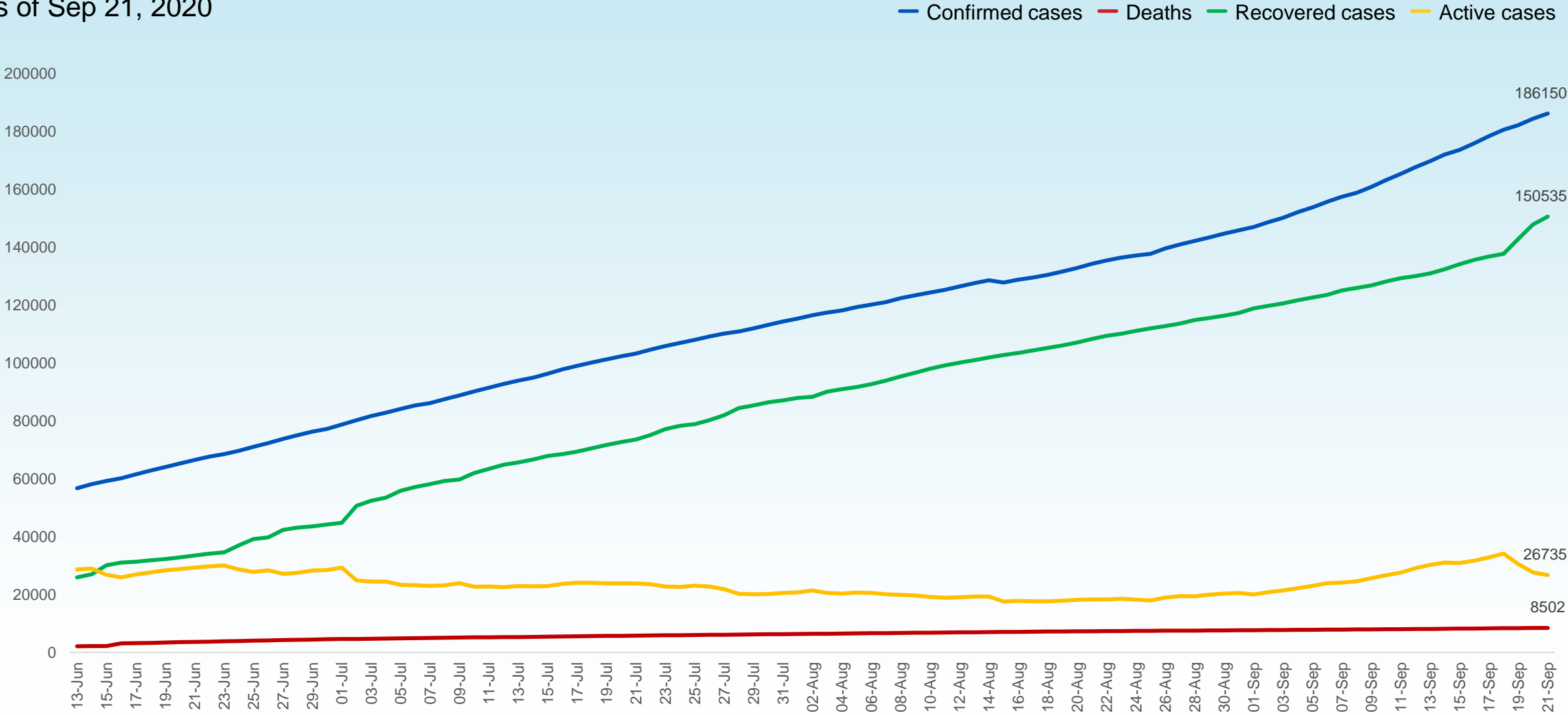
As of Sep 21, 2020





Case summary for Mumbai

As of Sep 21, 2020





Key Trends

Contact tracing and home quarantine

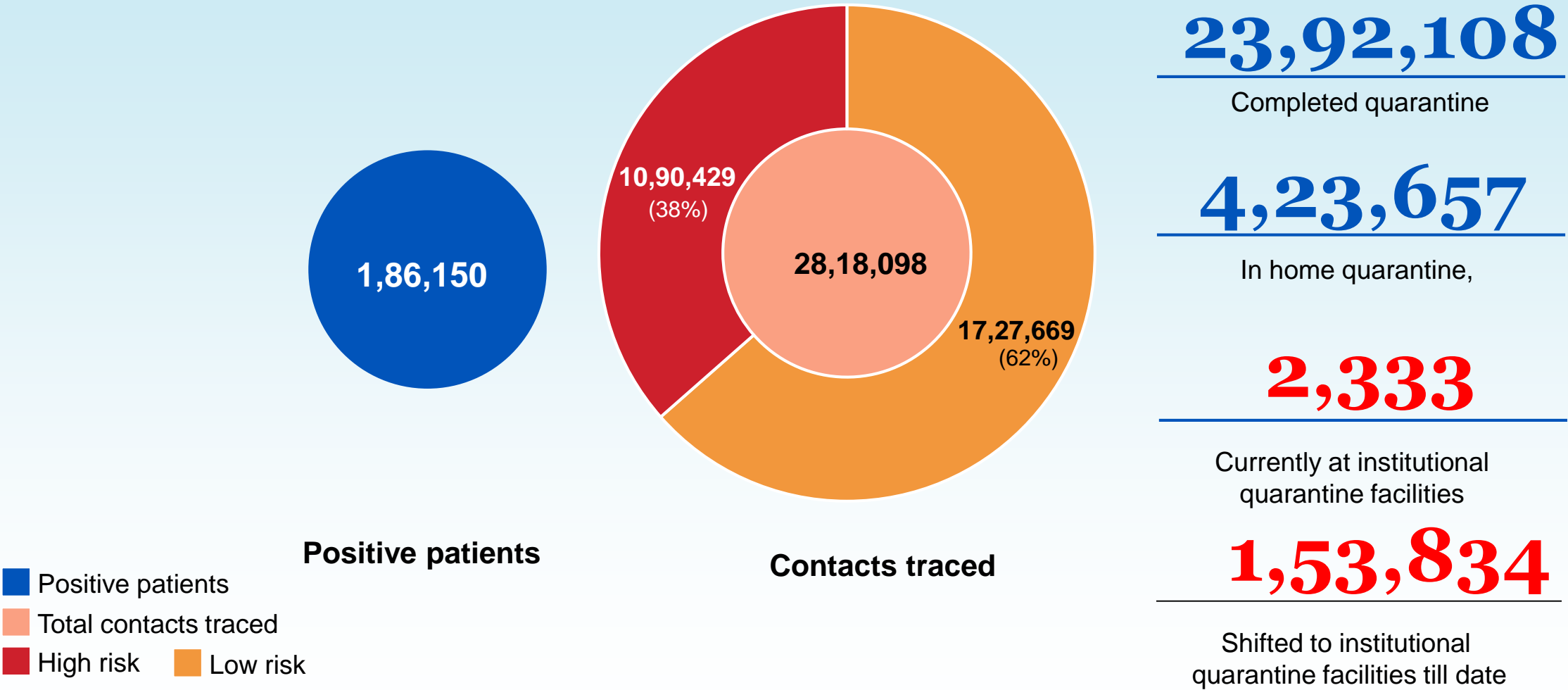
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Update on contact tracing

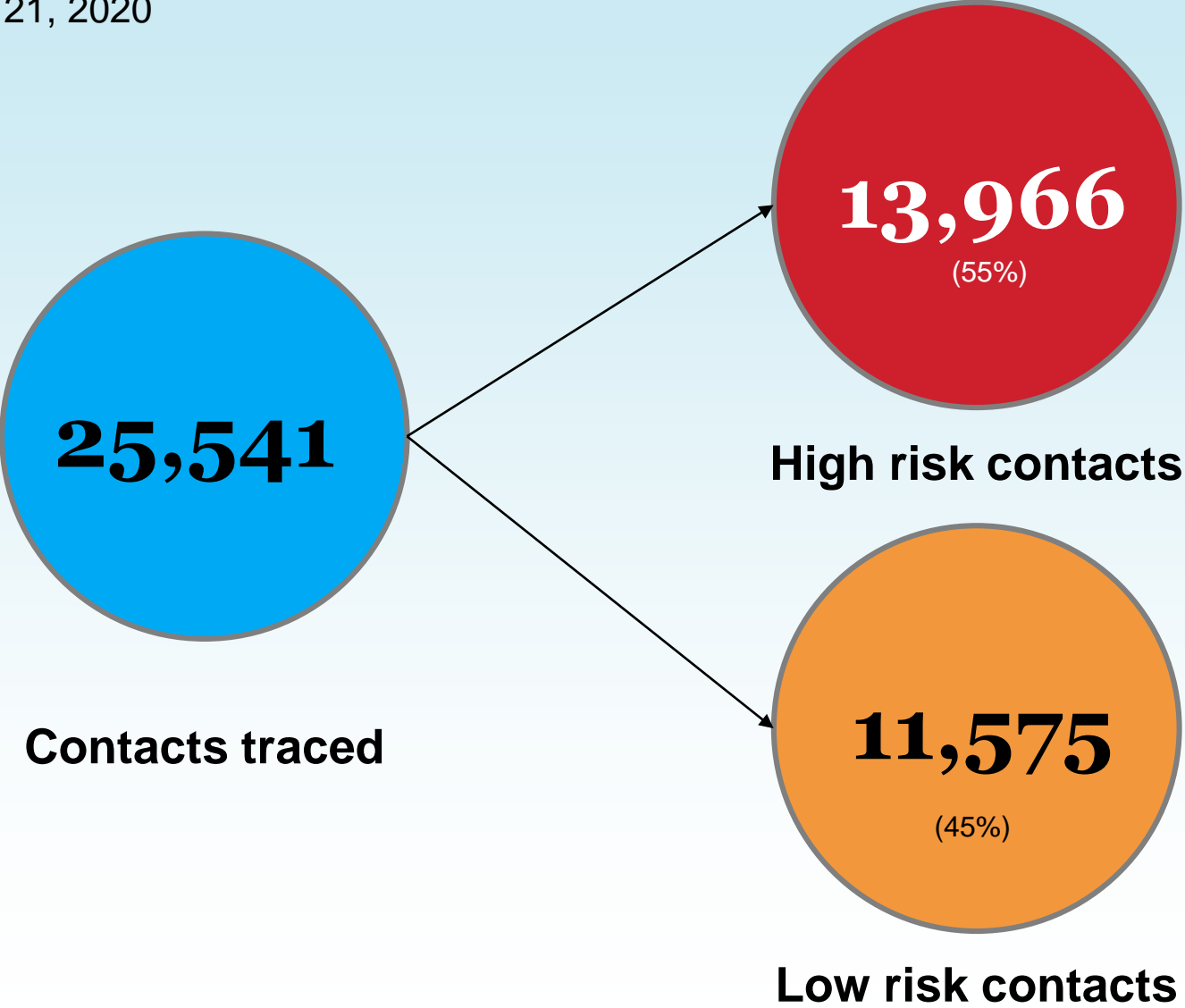
Summary as of Sep 21, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 21, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Contact tracing report for last 24 hours

Summary as of Sep 21, 2020



Source: Quarantine numbers from BMC Contact Tracing Report as on Sep 21, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



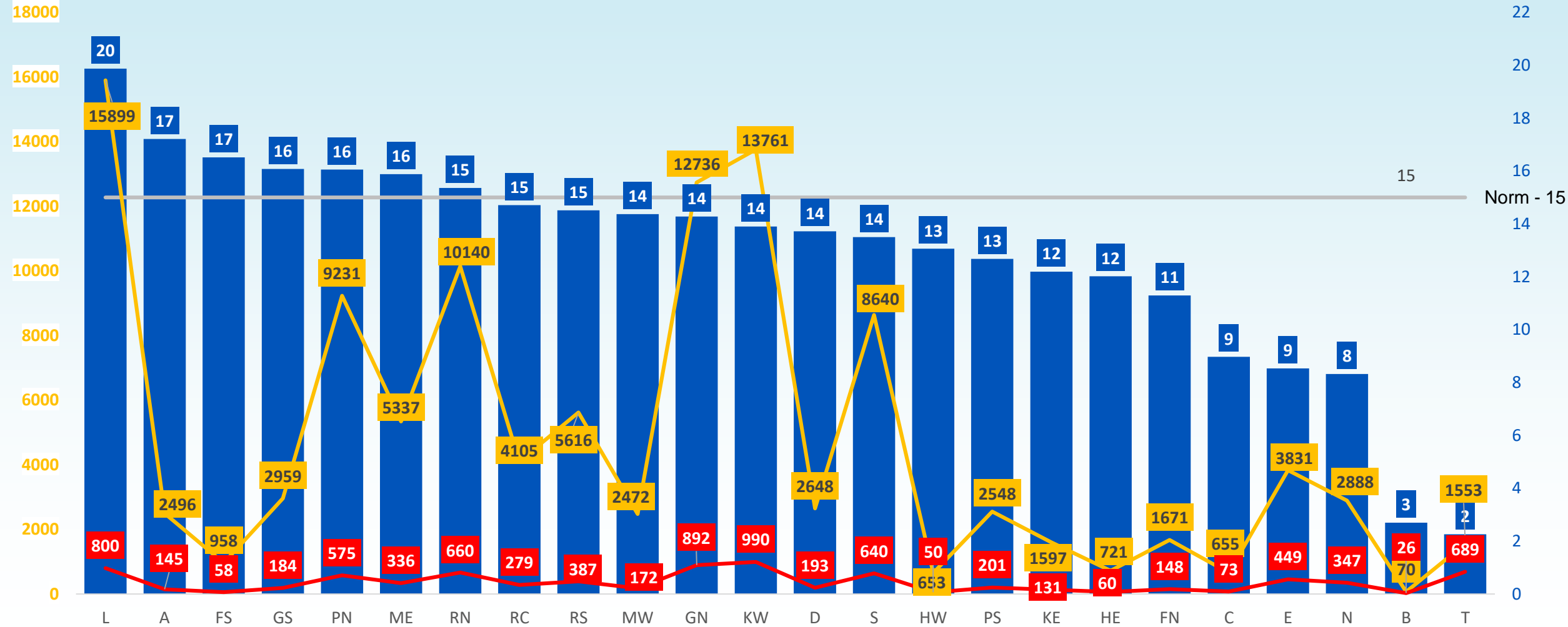
Chase the virus: High Risk Contacts for Index Cases in Slums

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

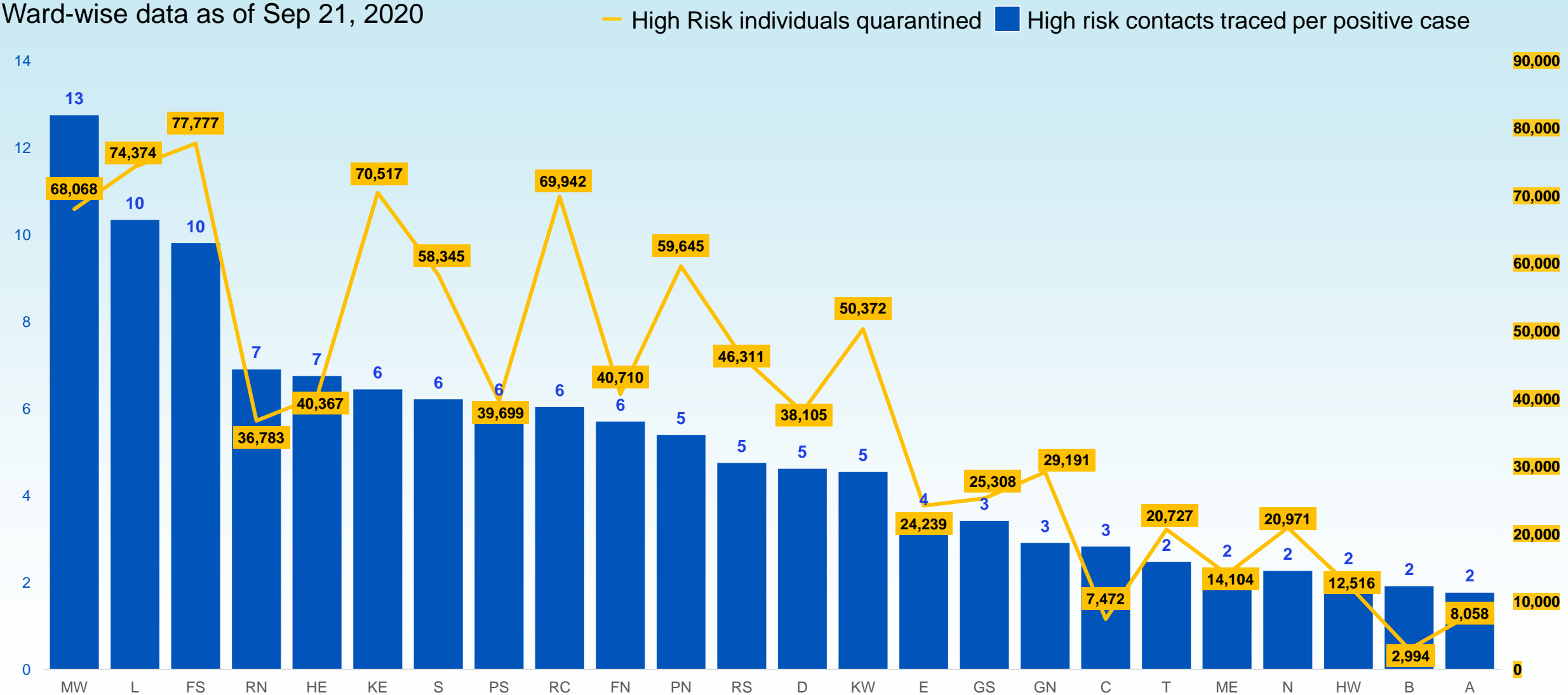


* Data for Ward RN is updated as of Sep 19
1 Data since June 03, 2020; Source – Operation – Chase the virus

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

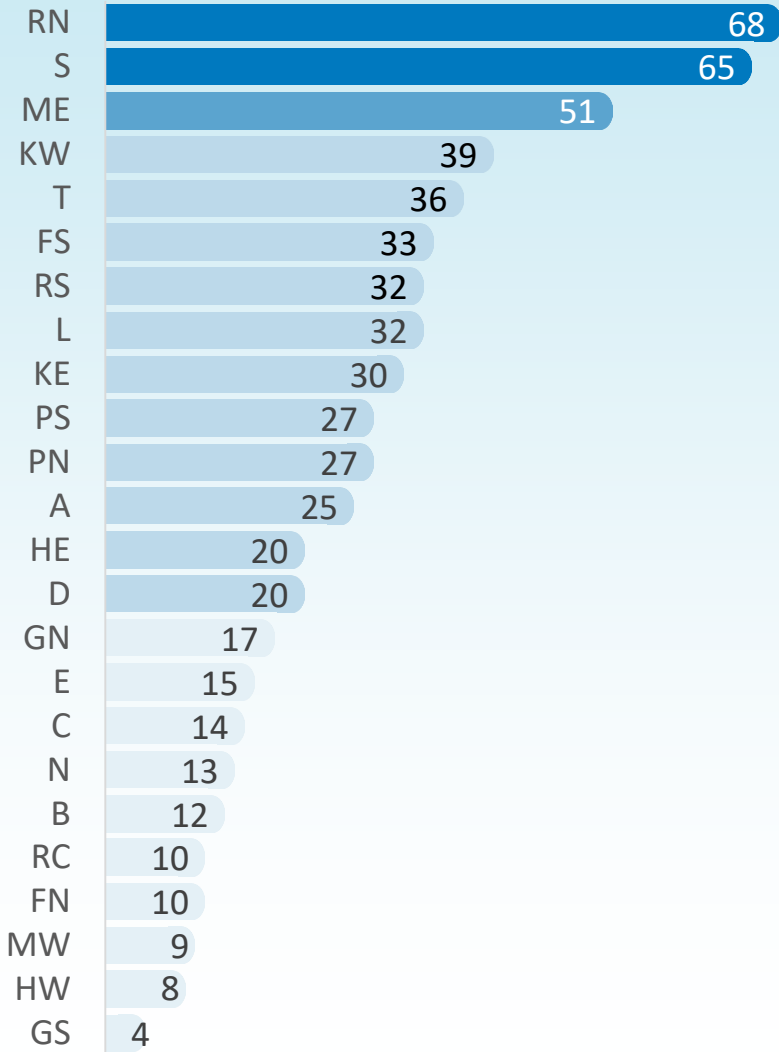
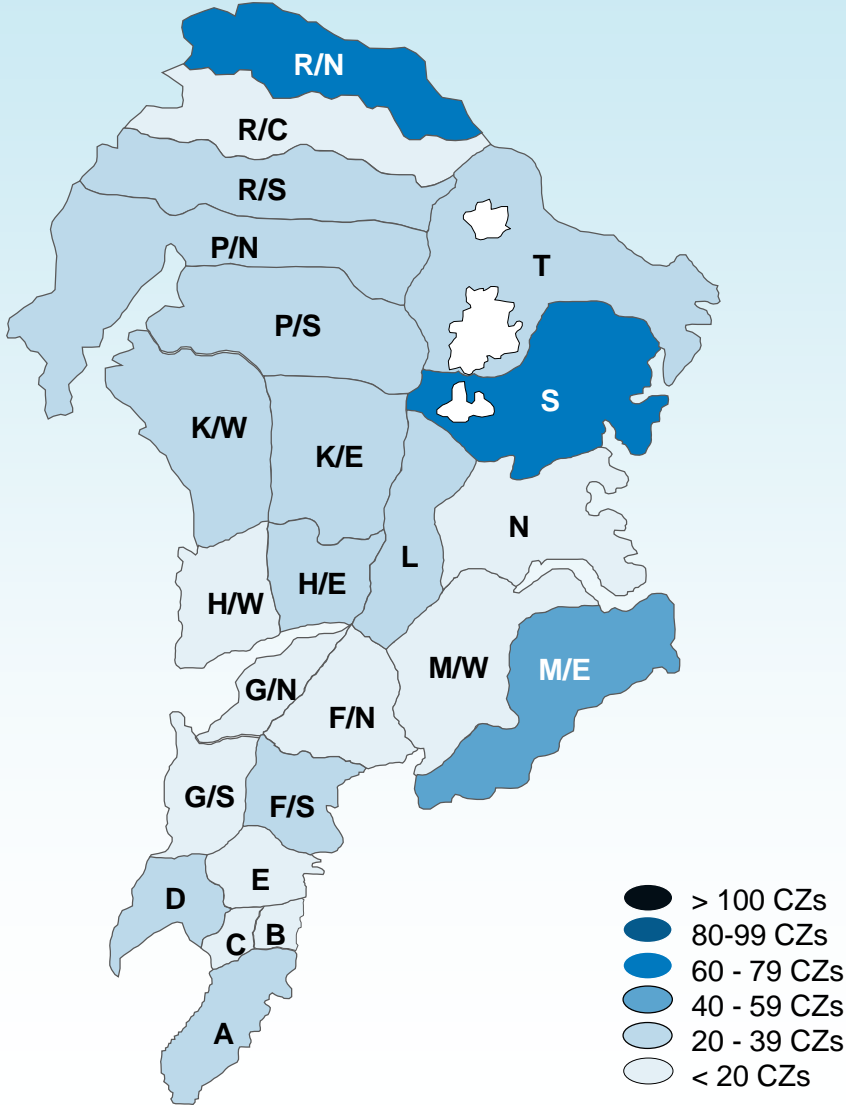


Ward-wise data as of Sep 21, 2020



Ward-wise containment zones – slums and chawls

As of Sep 21, 2020



617 *Active*
 Containment Zones

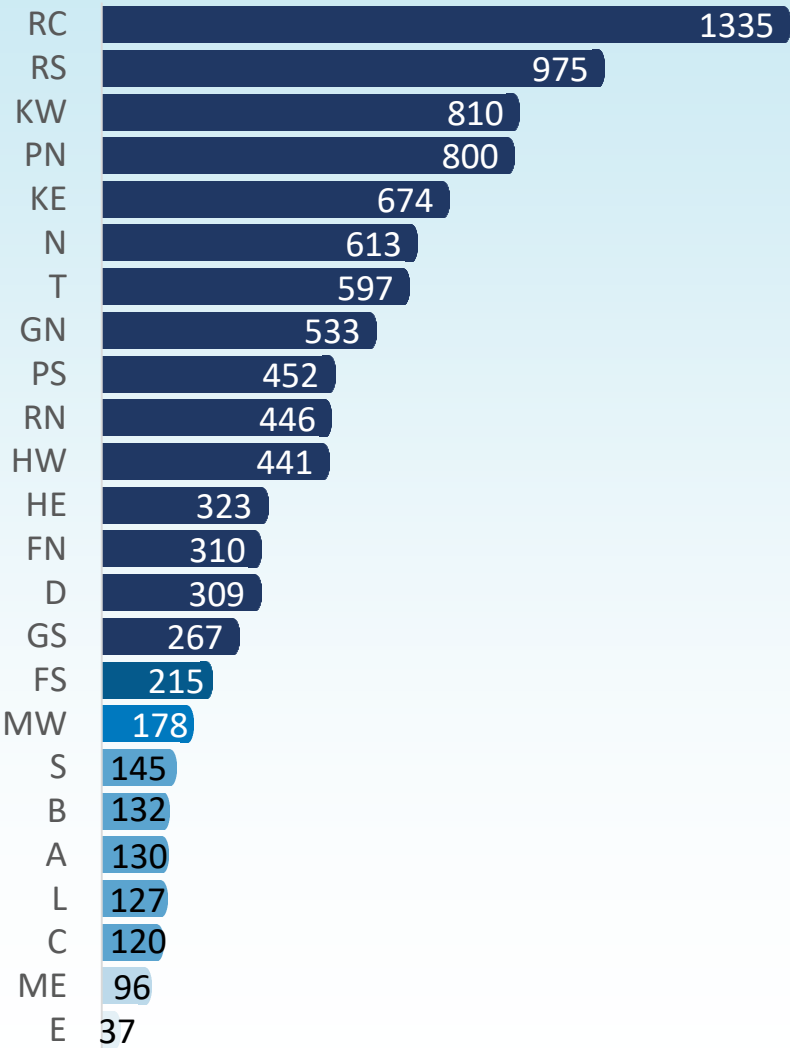
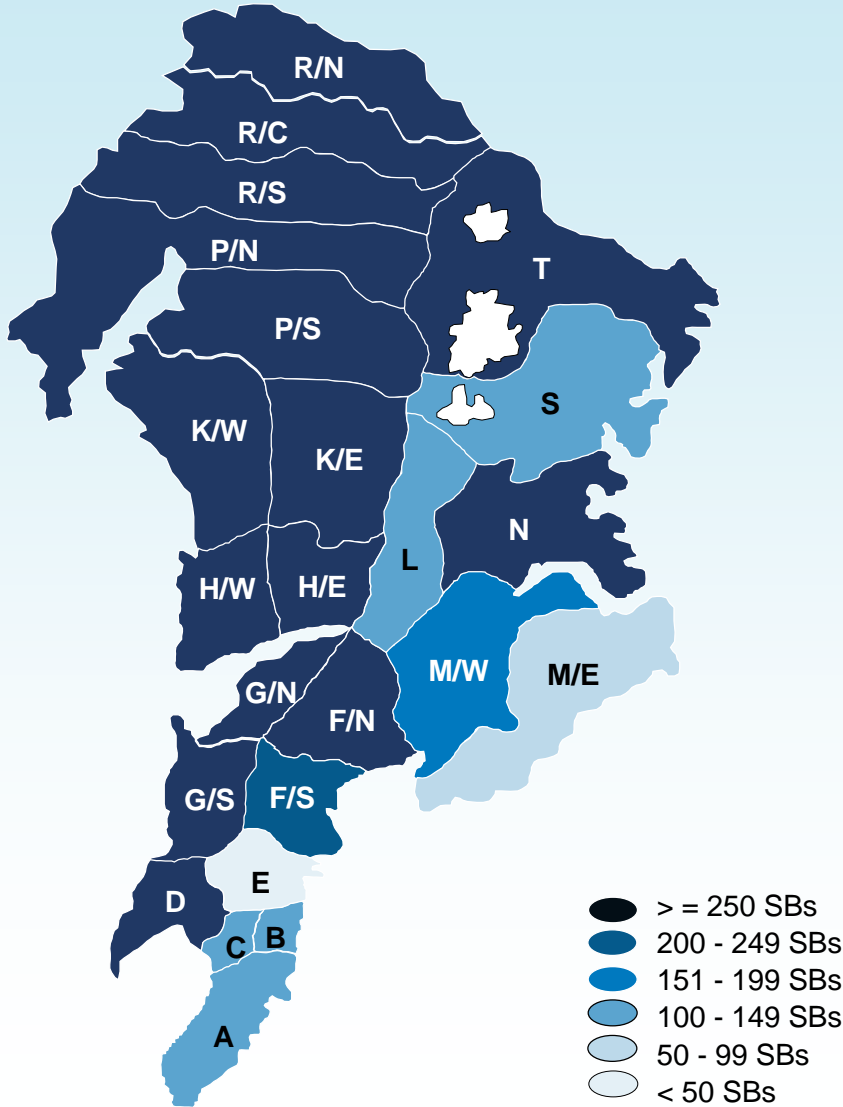
7.9 *lacs*
 No. of Households

34.3 *lacs*
 Population

1,048 *Released*
 Containment Zones

Ward-wise sealed buildings

As of Sep 21, 2020



10,065 *Active*
 Sealed Buildings

2.9 *lacs*
 No. of Households

11.6 *lacs*
 Population

26,207 *Released*
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

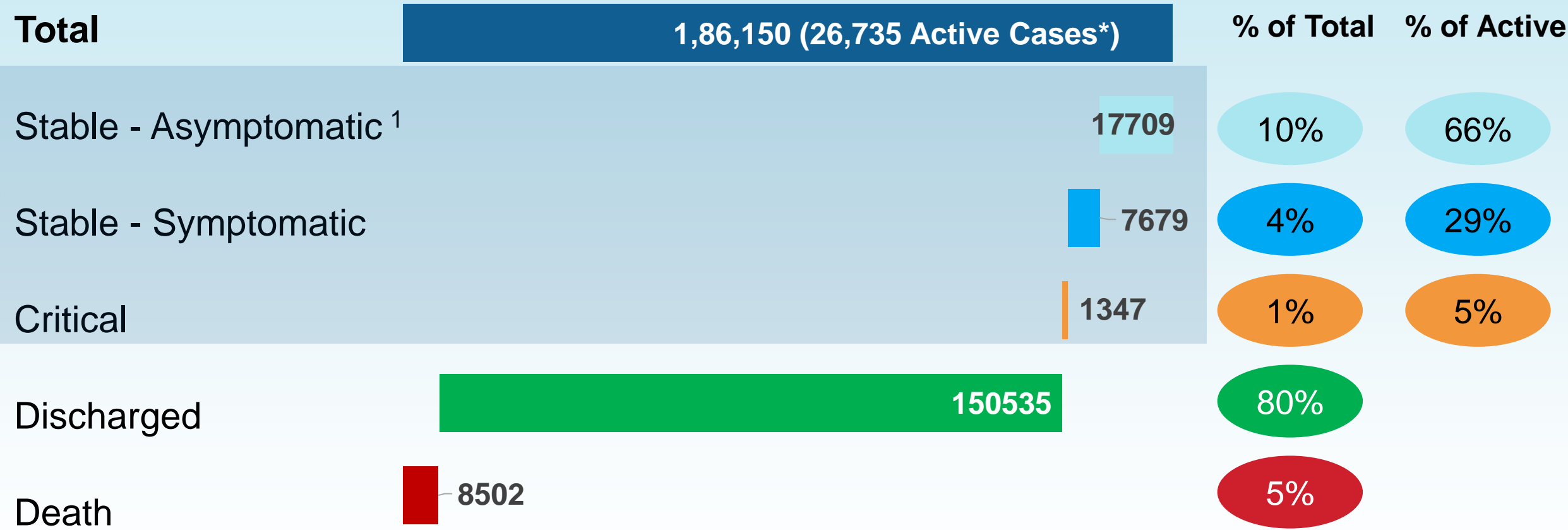
Bed Capacity

Other initiatives



Case summary for Mumbai

As of Sep 21, 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 (5,808 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 21, 2020¹

■ Female
 ■ Male
 ■ Others
● Deaths

Total Positives

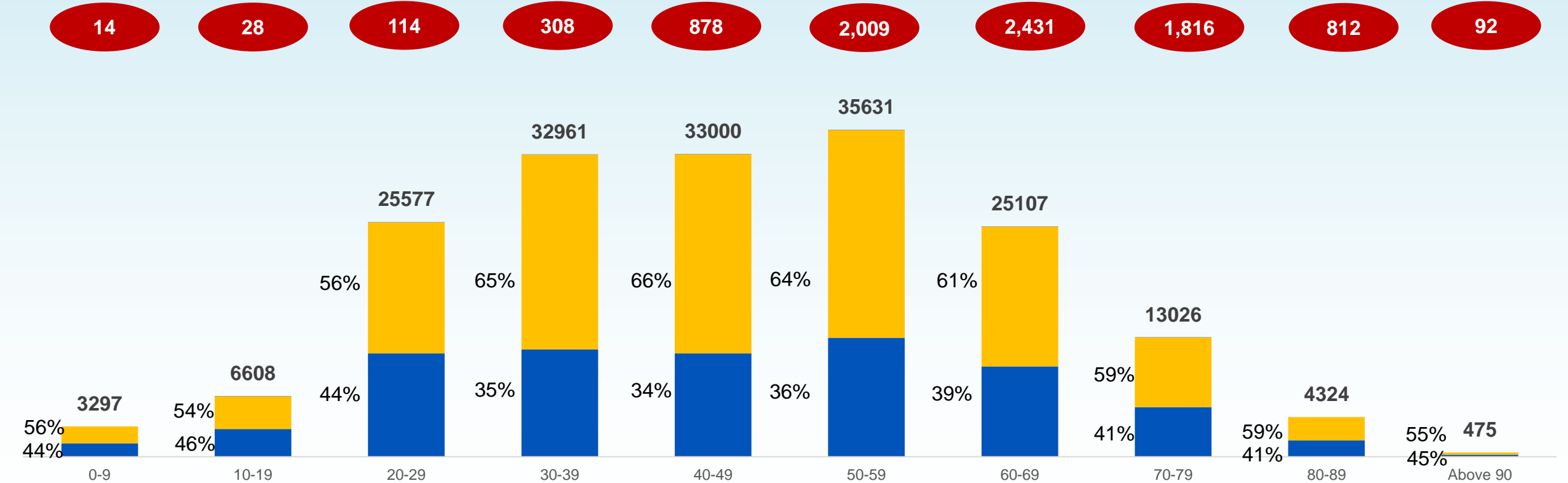
1,86,150²

Total Deaths

8,502²

Fatality Rate

4.57%



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

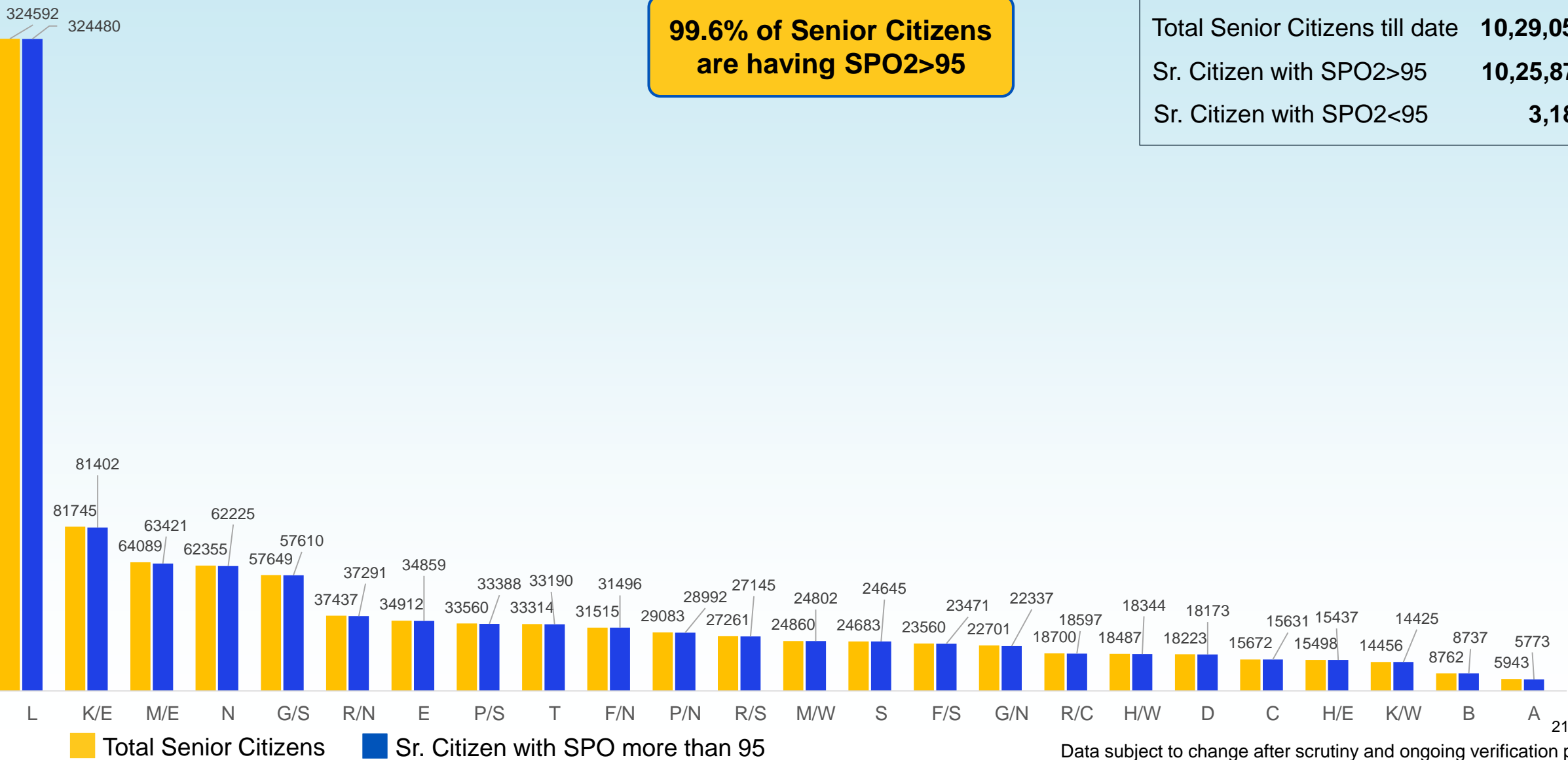
1 Total Age and sex-wise break up is available 1,80,006 cases; age-wise breakup of deaths available for 8,502 cases

2 As on Sep 21



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

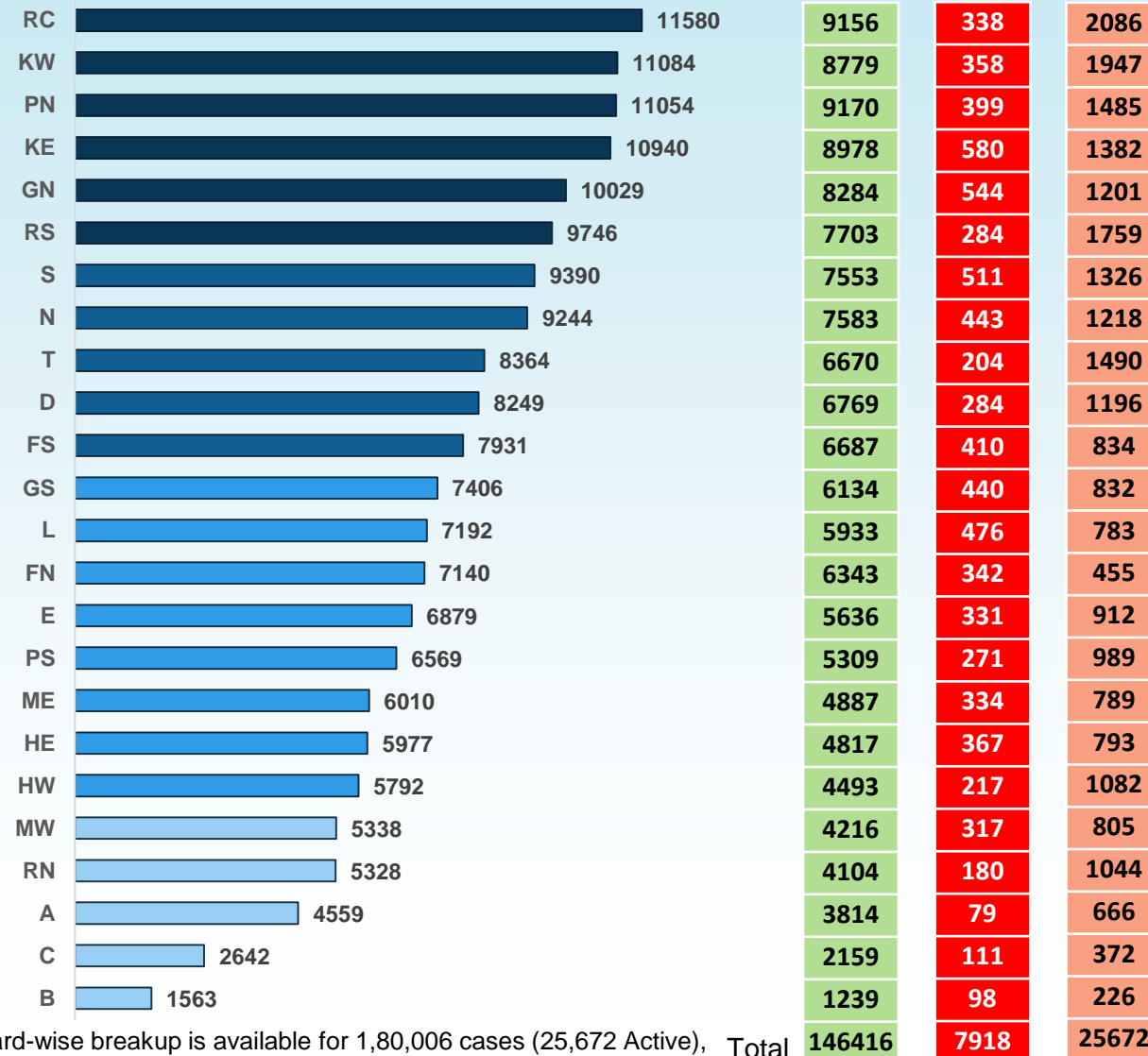
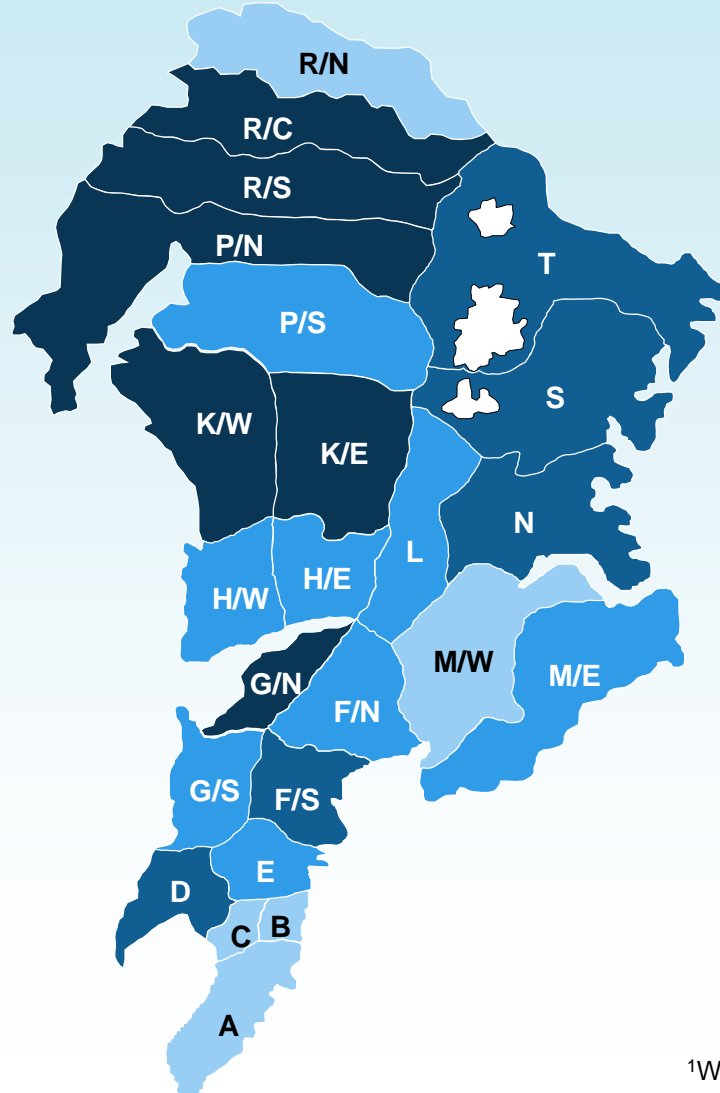
Senior Citizens with SPO2<95
till date

* 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 21, 2020



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

- Discharged²
- Deaths³
- Active

Total Positives
1,86,150¹

Total Active
25,672¹

$$\text{Active} = \text{Positive} - \text{Discharges} - \text{Death}$$

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

¹Ward-wise breakup is available for 1,80,006 cases (25,672 Active), Total

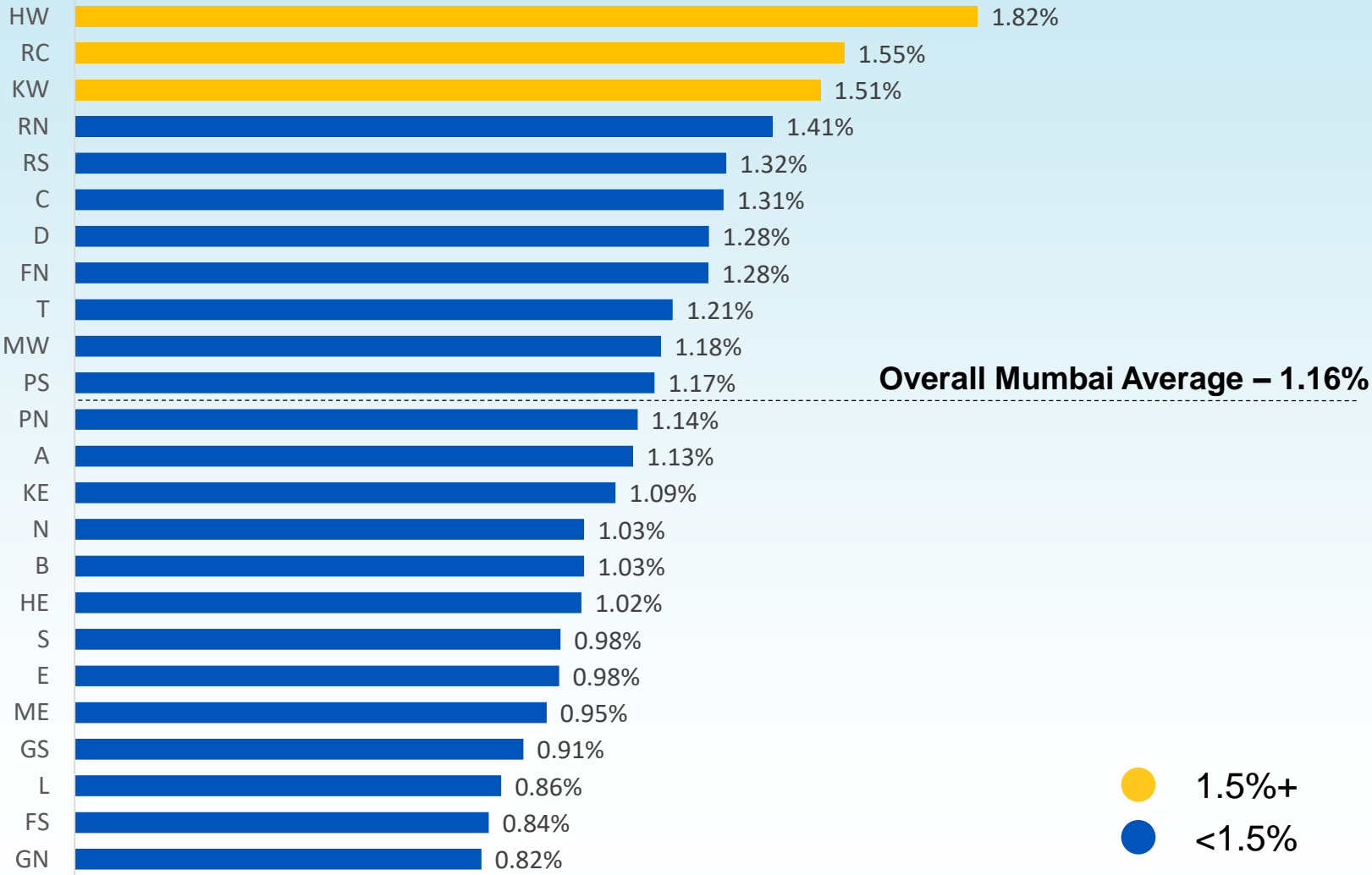
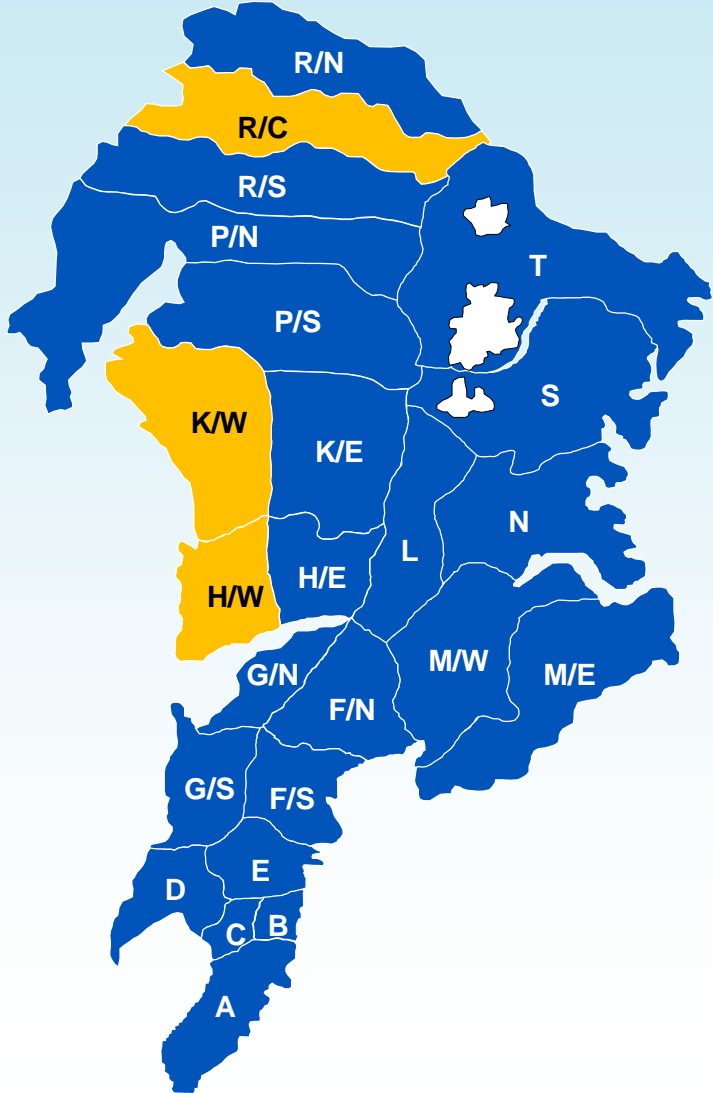
²Discharges as on Sep 21, Available for 1,46,416 cases,

³Deaths as on Sep 21, Available for 7,918 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 21, 2020



Ward-wise new cases

Positive cases for the last 7 days till Sep 21, 2020¹

Date of report	HW	RC	KW	RN	C	RS	D	FN	T	MW	PS	PN	A	KE	B	HE	N	E	S	ME	GS	L	FS	GN	Grand Total
Area>>>	Bandra	Borivali	Andheri W	Dahisar	Marine Lines	Kandivali	Grant Road	Matunga	Mulund	Chembur W	Goregaon	Malad	Colaba	Andheri E	Sandhurst Road	Khar	Ghatkopar	Byculla	Bhandup	Chembur E	Elphinstone	Kurla	Parel	Dadar	
As on 14th Sep	5104	10395	9983	4831	2412	8894	7546	6532	7690	4916	6055	10213	4215	10139	1455	5566	8605	6426	8770	5624	6953	6773	7482	9471	166050
15-Sep	81	142	156	35	17	105	81	58	73	39	57	89	37	93	12	43	60	36	49	42	39	56	44	49	1493
16-Sep	124	196	192	84	32	113	118	110	132	61	91	125	53	143	20	66	84	70	55	51	73	55	60	77	2185
17-Sep	111	194	144	88	37	160	103	94	92	78	79	121	62	142	14	40	122	62	130	75	69	51	71	107	2246
18-Sep	72	179	163	82	48	114	128	93	101	73	72	134	55	110	19	62	106	78	77	63	77	51	60	84	2101
19-Sep	103	159	151	89	39	123	92	103	102	55	79	109	58	91	13	71	96	74	106	51	74	71	101	101	2111
20-Sep	116	185	150	81	36	129	106	78	97	61	59	131	55	120	21	75	91	63	98	50	69	79	61	76	2087
21-Sep	81	130	145	38	21	108	75	72	77	55	77	132	24	102	9	54	80	70	105	54	52	56	52	64	1733
As on 21st Sep	5792	11580	11084	5328	2642	9746	8249	7140	8364	5338	6569	11054	4559	10940	1563	5977	9244	6879	9390	6010	7406	7192	7931	10029	180006
Days to double	38	45	46	50	53	53	54	55	58	59	60	61	62	64	68	68	68	71	71	73	77	81	83	85	60

Wards <= 50 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 21, 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

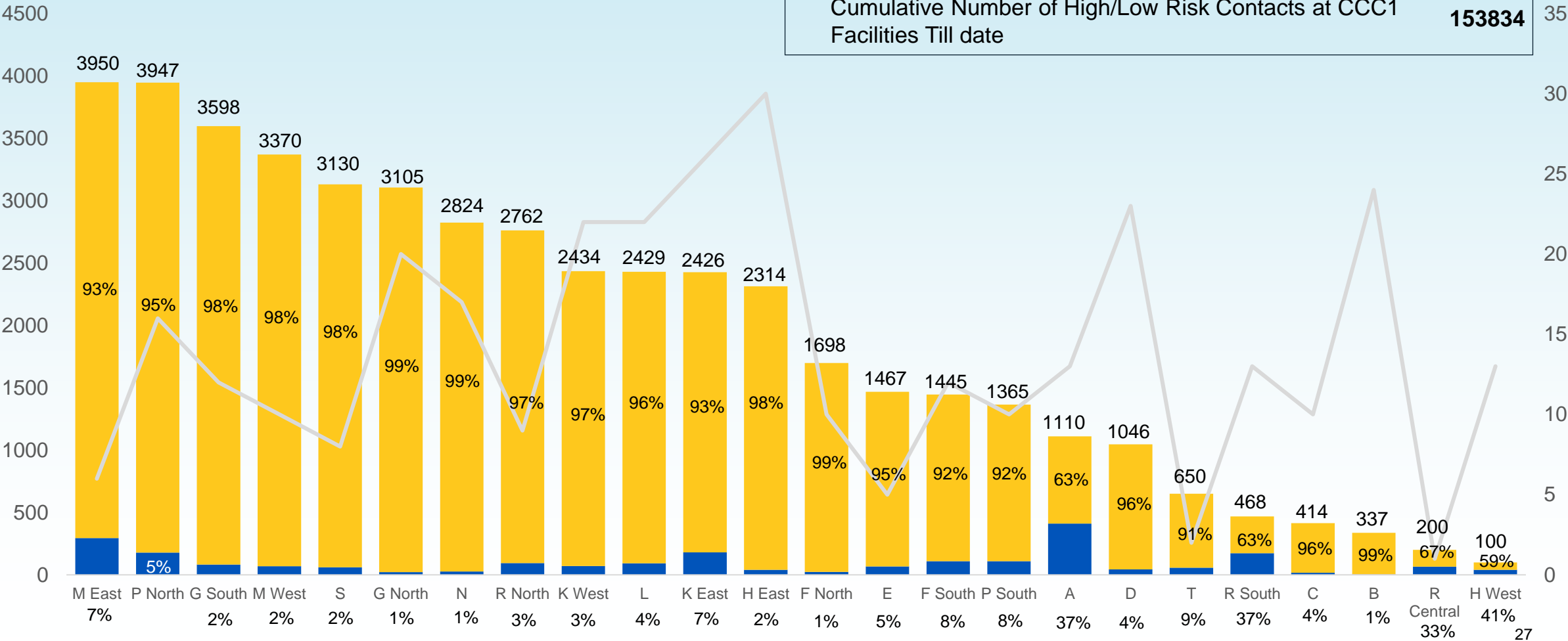
Other initiatives



Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Sep 21, 2020

No. of CCC1 Facilities identified for High/Low Risk Contacts	334
Number of High/Low Risk Contacts shifted to CCC1 Facilities:	2333
Available capacity	44256
Total Capacity	46589
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	153834



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

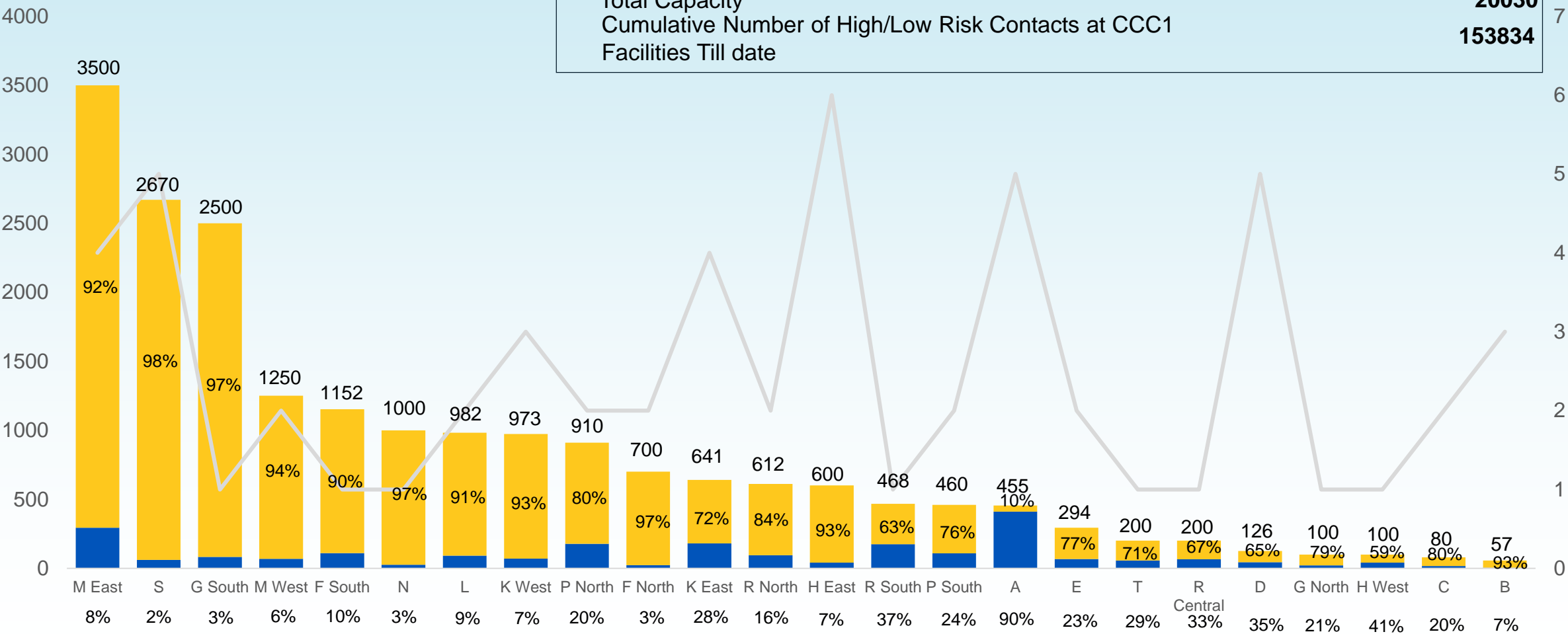
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE and BUFFER CCC1 facilities

Ward-wise data for Sep 21, 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:	2333
Available capacity	17697
Total Capacity	20030
Cumulative Number of High/Low Risk Contacts at CCC1 Facilities Till date	153834

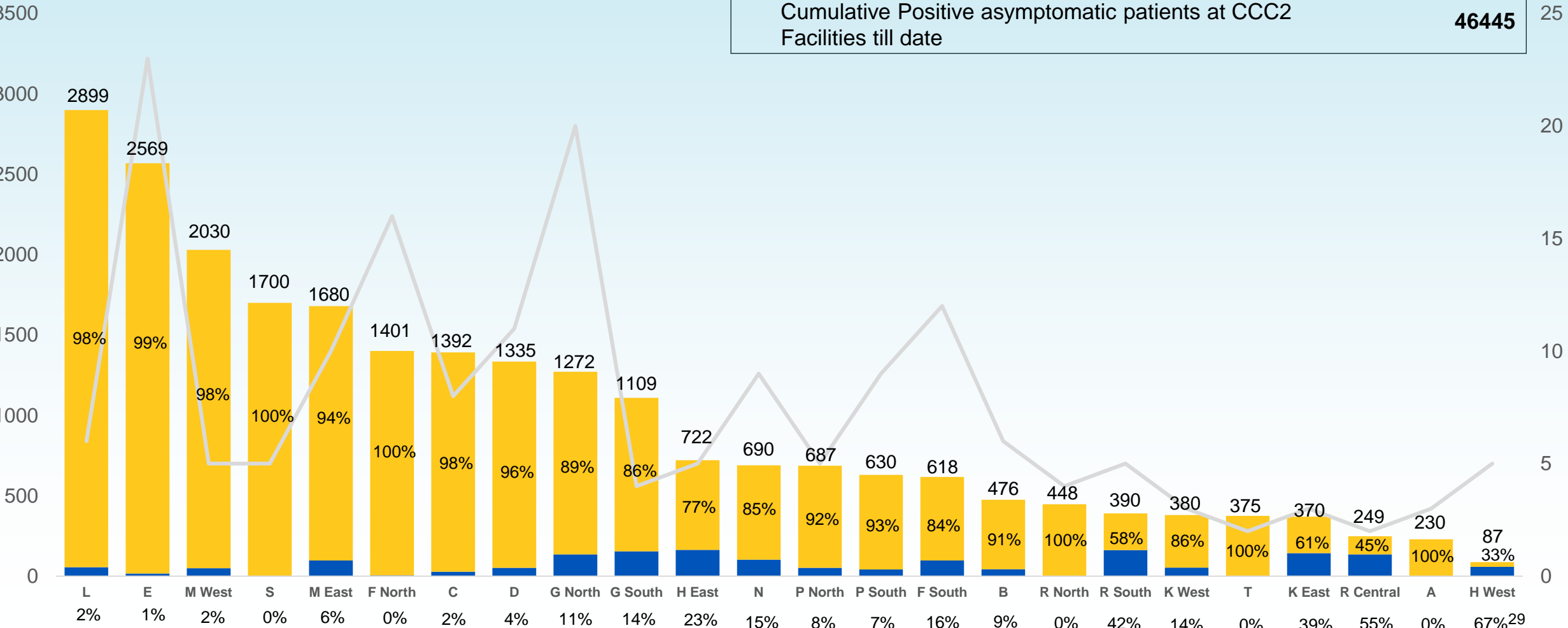




Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Sep 21, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	181
Number of positive asymptomatic patients shifted to CCC2 Facilities	1650
Available capacity	22089
Total Capacity	23739
Cumulative Positive asymptomatic patients at CCC2	46445
Facilities till date	



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

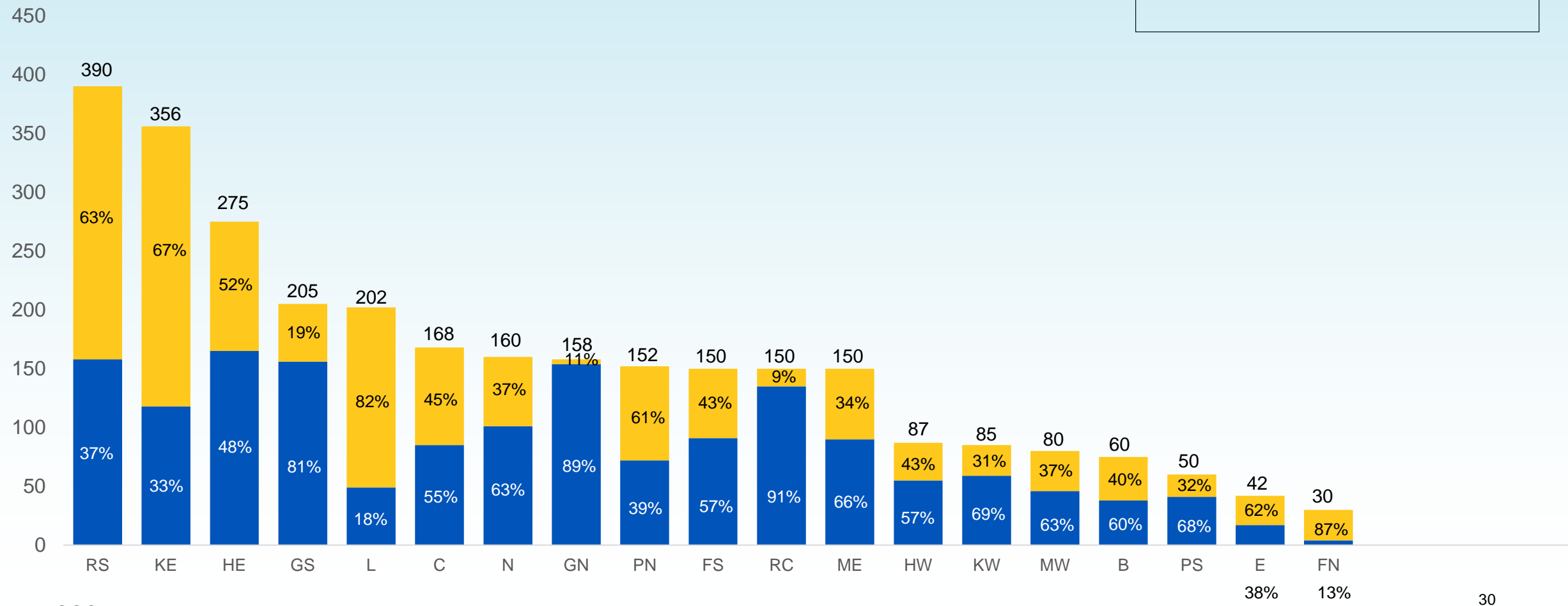
Data subject to change after scrutiny and ongoing verification process



Ward-wise bifurcation of ACTIVE CCC2 facilities

Ward-wise data for Sep 21, 2020

Beds occupied	1562
Available capacity	1388
Total capacity	2950
Cumulative patients till date	38862



Source: "CCC2 line list"

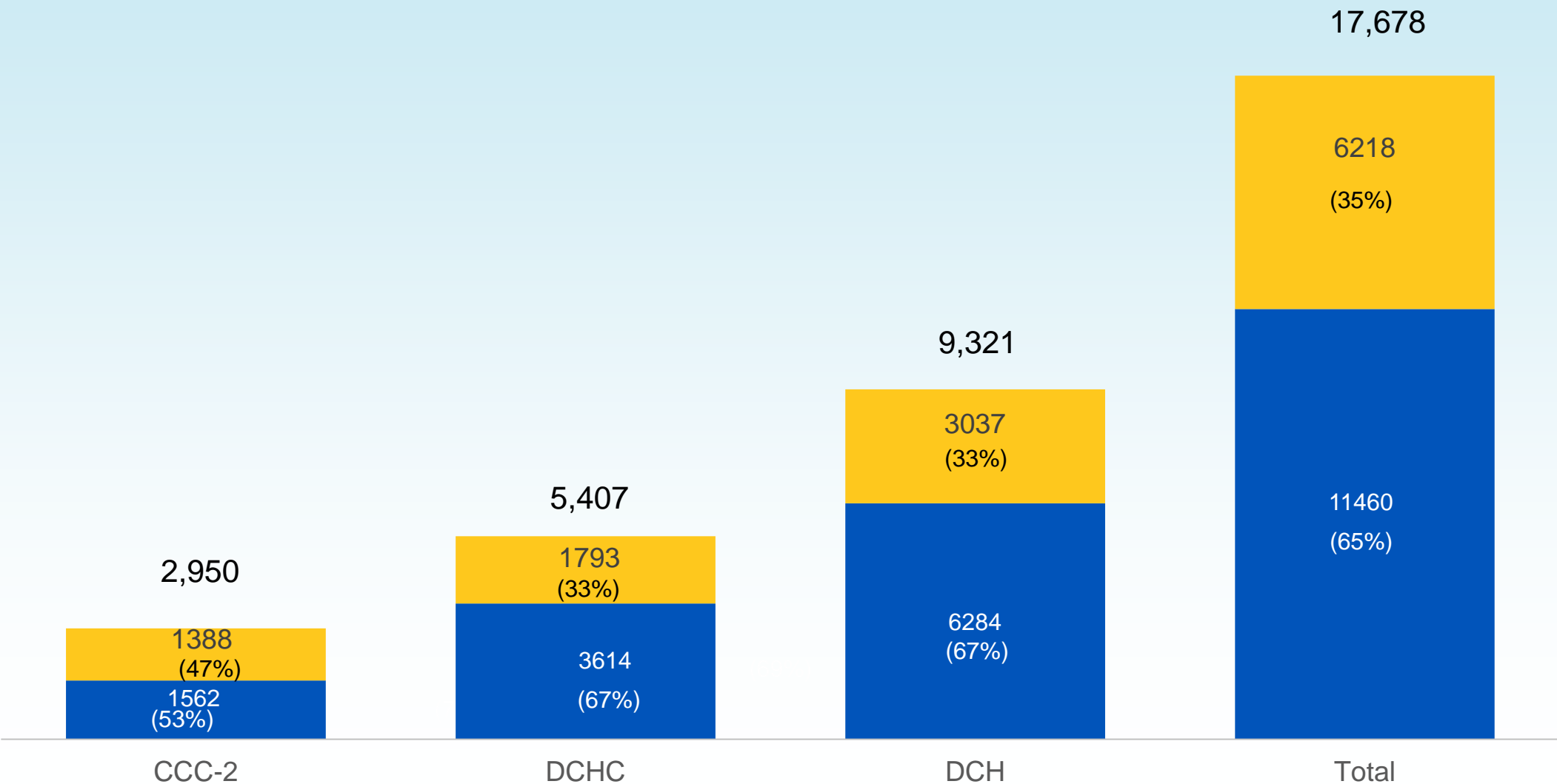
Data subject to change after scrutiny and ongoing verification process



Summary of total bed capacity

As of Sep 21, 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 02:30 PM, Sep 22, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
Total	14,728	9,898	4,830
ICU Beds	1,916	1,714	202
Regular	1,882	1,693	189
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	12,812	8,184	4,628
Quarantine for Suspect	1,045	655	390
Isolation for Positives	11,365	7,309	4,056
Pregnancy	218	105	113
Others (Cancer + Dialysis)	184	115	69
<i>O2 Beds*</i>	8,907	5,896	3,011
<i>Ventilators*</i>	1,133	1,028	105

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 22, 2020 , Subject to change

		COVID Beds				
		Total	ICU Beds	Normal Beds		O2 Beds* Ventilators*
Capacity	Total	14,728	1,916	12,812		8,907 1,133
	Public Hospitals	10,947	1,016	9,931		6,490 720
	Pvt Hospitals	3,781	900	2,881		2,417 413
Occupancy	Total	9,898	1,714	8,184		5,896 1,028
	Public Hospitals	6,735	895	5,840		3,911 647
	Pvt Hospitals	3,163	819	2,344		1,985 381
Vacancy	Total	4,830	202	4,628		3,011 105
	Public Hospitals	4,212	121	4,091		2,579 73
	Pvt Hospitals	618	81	537		432 32

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



Key Trends

Contact tracing and home quarantine

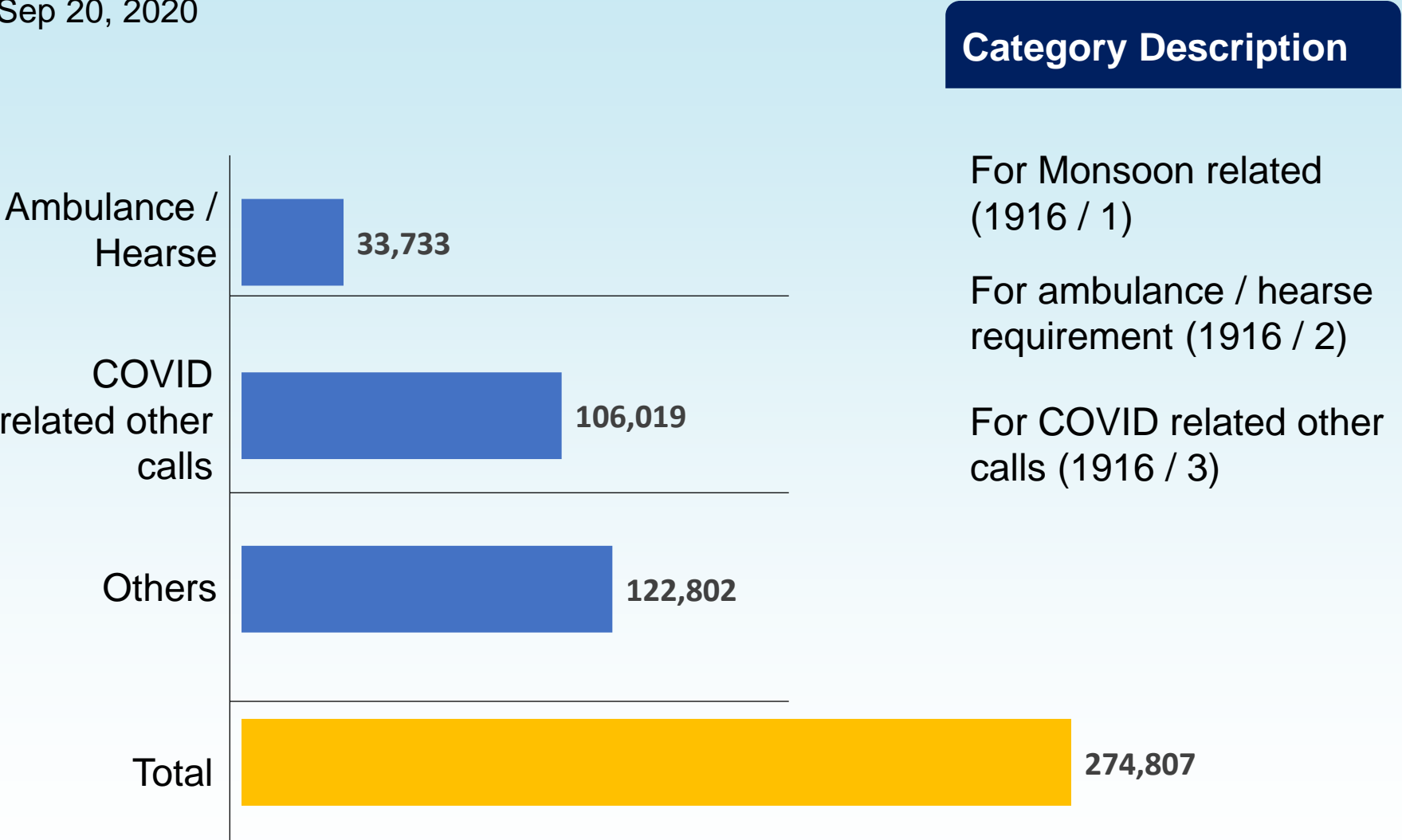
Status of COVID19 Positive Cases

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 20, 2020



Waste Collected (in Kgs)

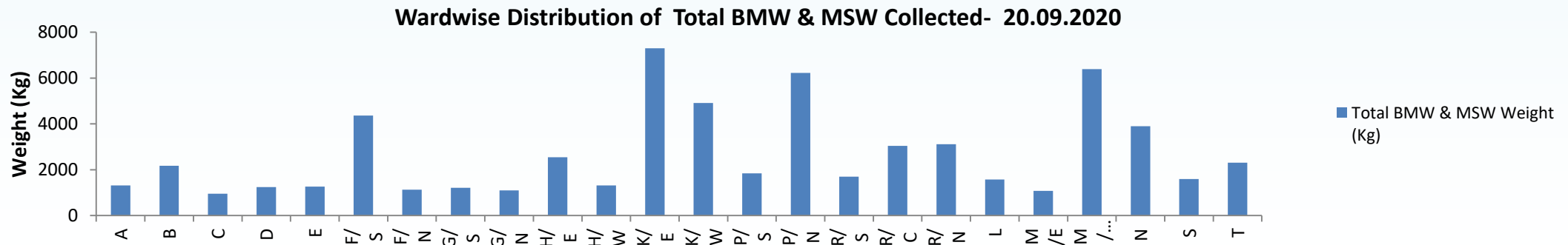
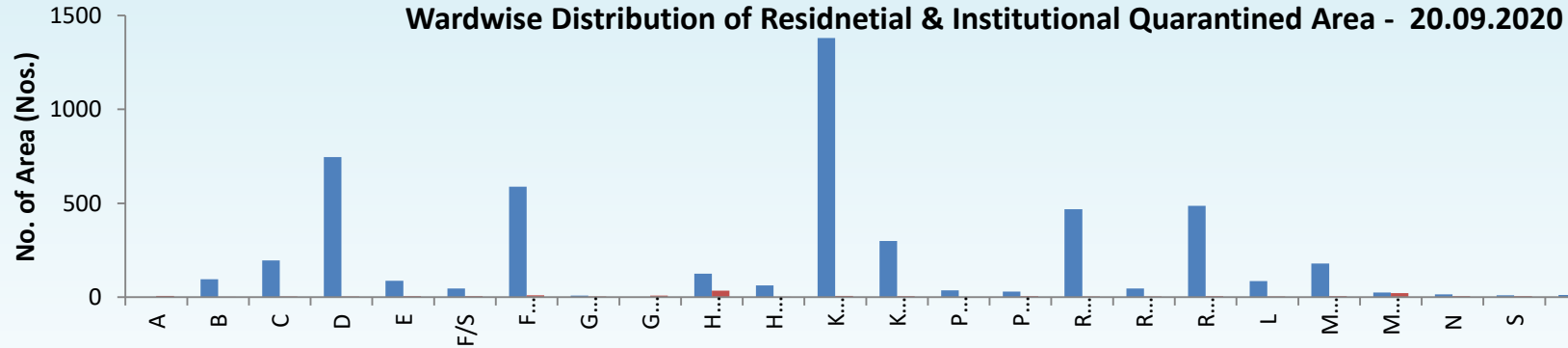
COVID BMW (in Kgs)
8,382

MCGM Quarantine BMW (in Kgs)
1,420

Total BMW (in Kgs):
9,802.0

Total MSW Collected by MCGM from Quarantined Area (in Kgs):
63,240.0

Total MSW & BMW Collected by MCGM from Quarantined Area(in Kgs): **73,042**



Thank you

