

BMC Covid-19 Response War Room Dashboard

Aug 24, 2020



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Mumbai COVID19 status at a glance

As of Aug 23, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 02:00 PM, Aug 24, 2020)		Contact Tracing	Past 24hrs	Cumulative	Others	
Total Positive	1,36,348	Bed Capacity	17,313	Total Traced	9,953	22,16,511	Senior Citizens Screened till date	8,69,239
Discharged	1,10,059	Occupied	8,219	High Risk	4,268	7,99,726	Senior Citizens with SPO2 > 95	8,66,147
Deaths	7,419	Available	9,094	Low Risk	5,685	14,16,785	Senior Citizens with SPO2 < 95	3,092
(Deaths with Age > 50yrs – 6,166)		DCH & DCHC Bed Capacity	13,467	Total Quarantine Completed		20,43,013	Active Containment Zones – Slums & Chawls	604
Total Active	18,565	Occupied	7,181	Currently in Home Quarantine		1,70,424	Released Containment Zones – Slums & Chawls	898
Stable – Asymptomatic	11,636	Available	6,286	Currently in Institutional Quarantine (CCC1)		3,074	Active Sealed Buildings	5,834
Stable - Symptomatic	5,935	CCC2 Facility (Activated Capacity)	3,846	Total CCC1 Facilities		332	Released Sealed Buildings	19,385
Critical	994	Occupied	1,038	Total Capacity(Beds)		48,588	Calls Centre Calls Flow	2,41,848
Tests Done (till date)	7,09,583	Available	2,808	Current Occupancy		3,074		
% of Positive (till date)	19.21	ICU Bed Capacity	1,435	Cumulative Occupancy		1,46,382		
Ward wise positive cases – 1,36,348 ¹		Occupied	1,213	Total CCC2 Facilities		173		
		Available	222	Total Capacity (Beds)		23,437		
		O2 Bed Capacity	8,892	Active Facilities		63		
		Occupied	4,565	Active Capacity(Beds)		3,846		
		Available	4,327	Current Occupancy		1,038		
		Ventilator Bed Capacity	913	Cumulative Occupancy		34,075		
		Occupied	770					
		Available	143					

Wards	RC	RN	RS	HW	A	PS	D	C	MW	E	T	KW	FN	PN	FS	GN	HE	S	L	GS	KE	N	B	ME	Overall Mumbai
Positive Cases	7408	3548	6532	3802	3365	4557	5716	1917	4041	5395	5865	7574	5271	8144	6304	7926	4636	7371	5831	5853	8370	6922	1195	4677	
Days to double	47	60	62	63	68	69	73	76	83	84	85	89	92	98	100	109	112	115	118	119	121	124	126	142	87

¹ Ward-wise break up is as on Aug 23, 2020, available for 1,32,220 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

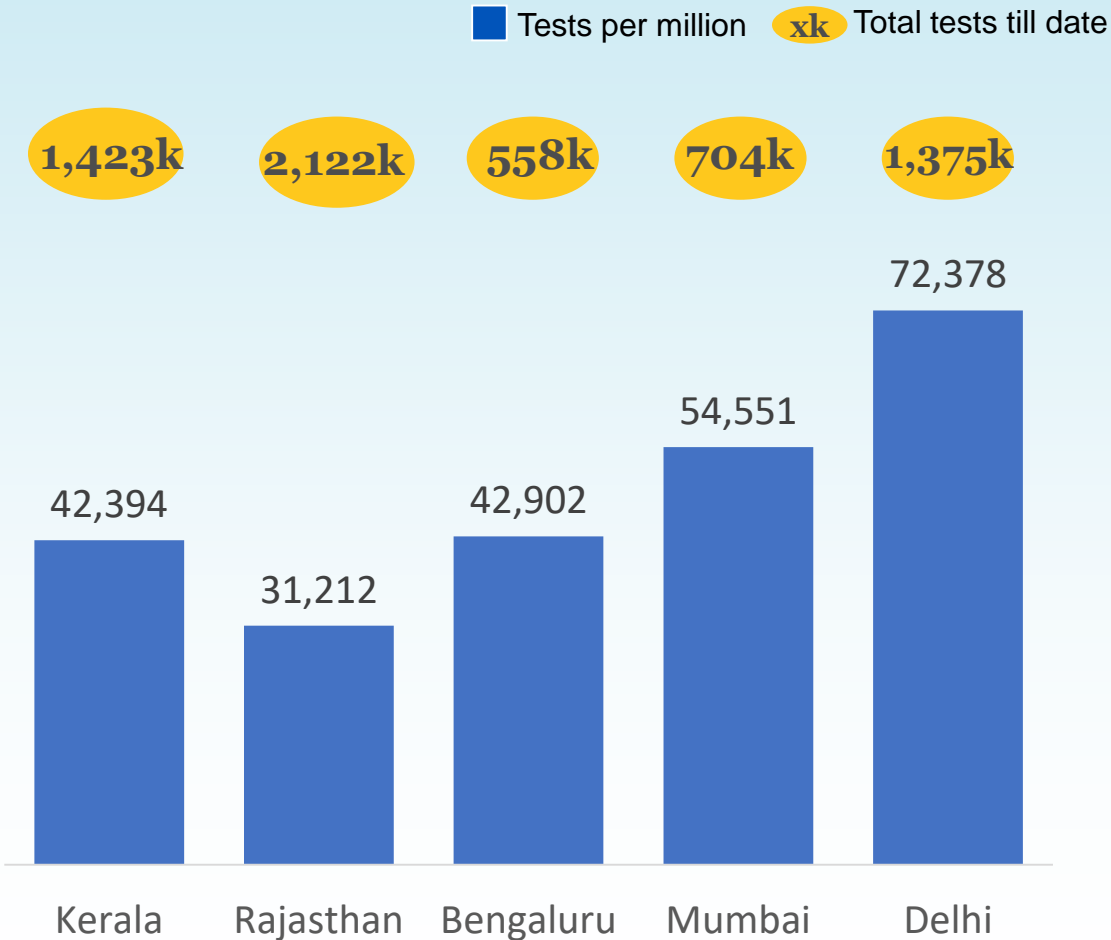
Other initiatives



Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Aug 23, 2020

Tests per million



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

State	Cases	Tests	Tests per million
Bengaluru	107,875	557,727*	42,902
Mumbai	136,348	709,583	54,551
Delhi*	157,354	1,375,182	72,378
West Bengal	138,870	1,561,311	17,304
Gujarat	86,624	1,694,129	27,325
Kerala	58,262	1,422,558	42,394
Maharashtra	682,383	3,667,937	29,686
Rajasthan	71,194	2,122,395	31,212
Tamil Nadu	379,385	4,206,617	125,993

Source: Government COVID bulletins as of Aug 23 2020

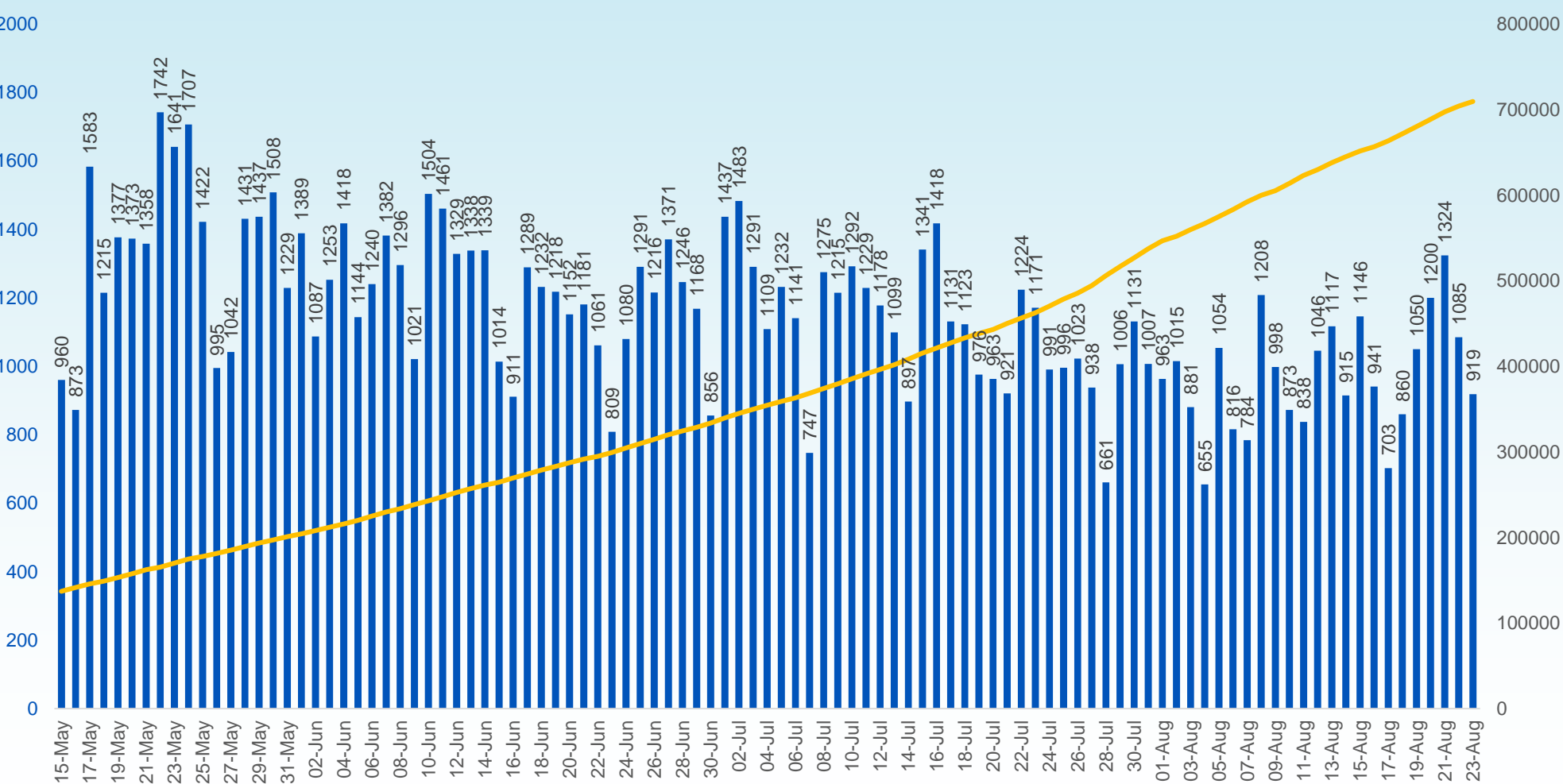
* Data as of Aug 21 2020



Trend of positive cases vis-à-vis total tests

Based on date of reporting, from Feb 03, 2020 to Aug 23, 2020

— Total tests (cumulative) ■ Positive cases on the day



Summary till date

1,36,348¹

Total positive cases

7,09,583

Total tests conducted

19.21%

Positive cases as a % of total tests

1 Total Positive cases as on Aug 23, Total cases as of Aug 23 as per line list is 1,32,220

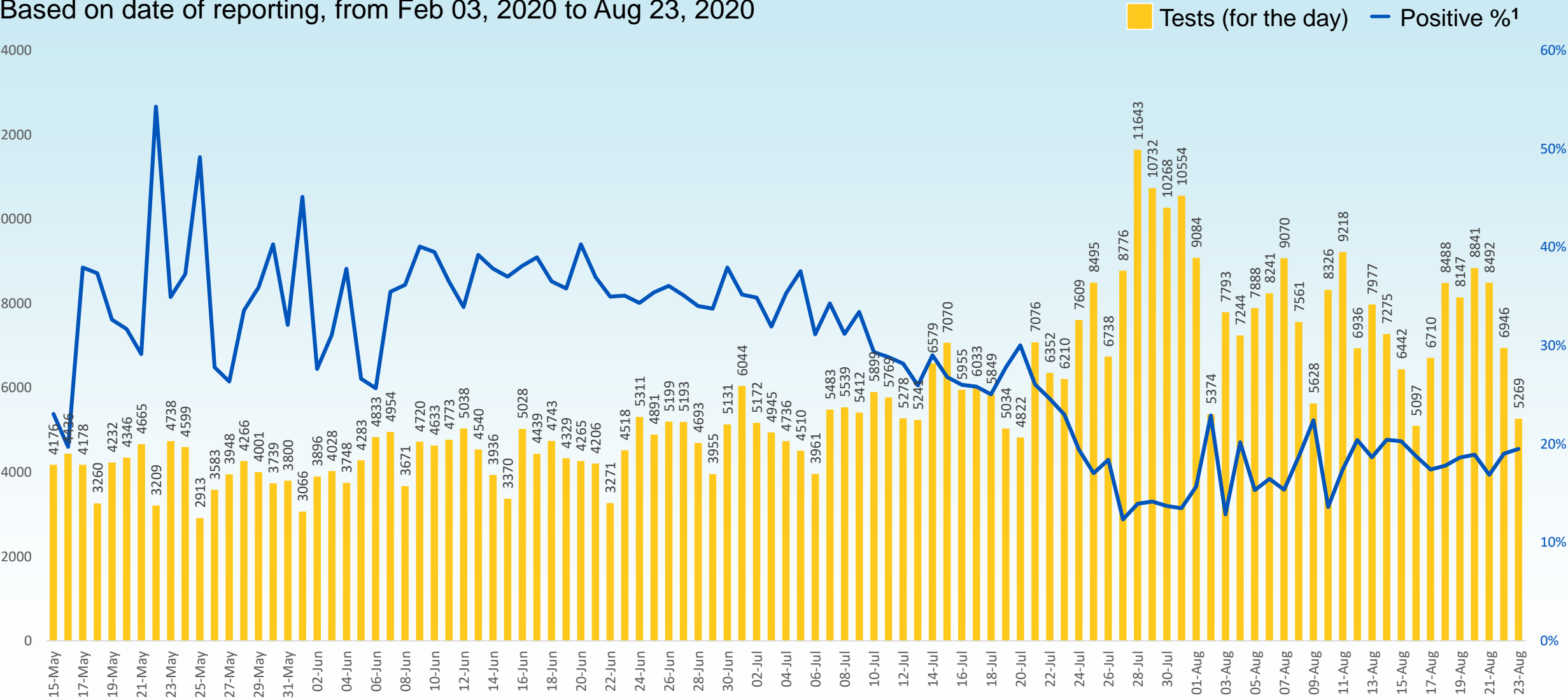
2 Total Positive cases (as per press release) as a % of total tests conducted

Source: Covid-19 daily update by the Public Health Department, BMC

Data subject to change after scrutiny and ongoing verification process

Trend of positive cases vis-à-vis total tests

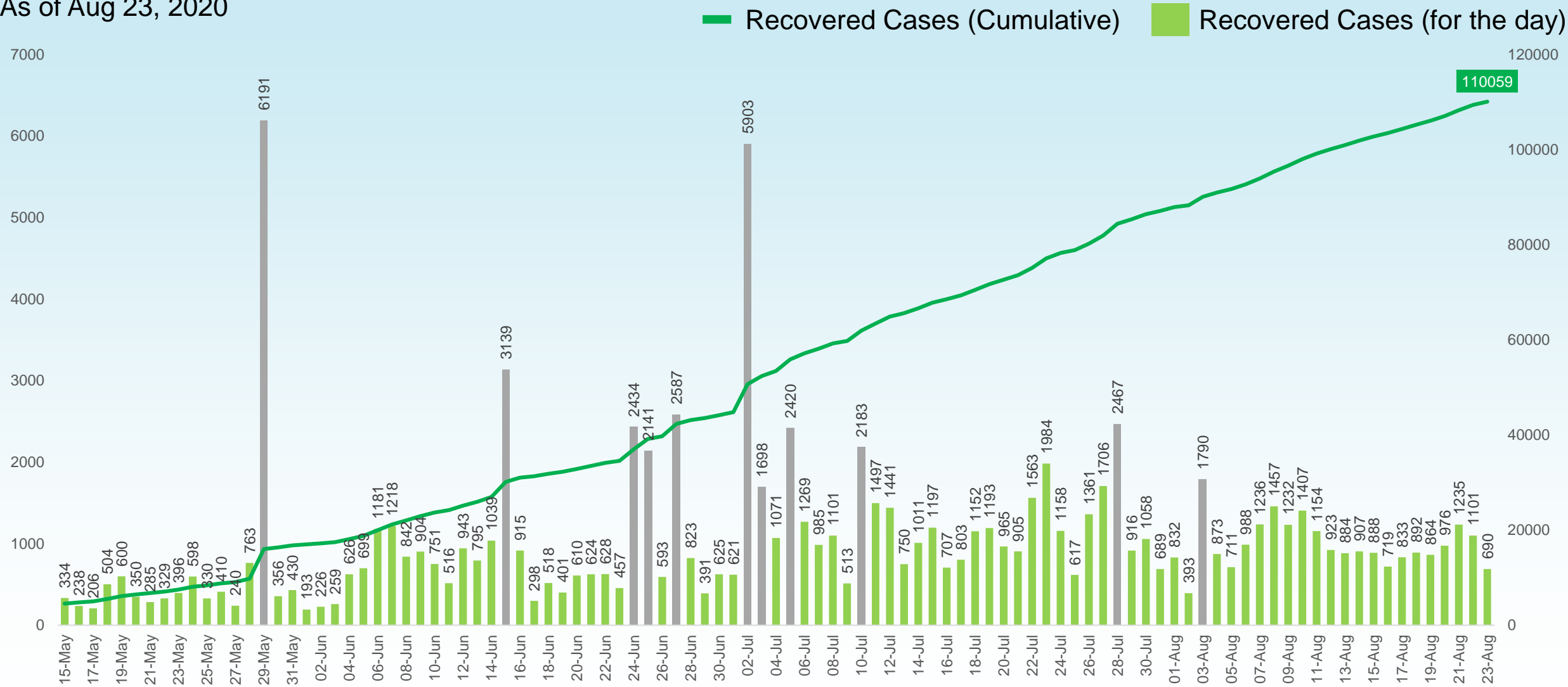
Based on date of reporting, from Feb 03, 2020 to Aug 23, 2020



¹Positive samples for the day as a % of total tests for the day;
 Positive Samples include duplicates with ICMR (~18%) and Out of Mumbai Cases (4%)
 Source: Covid-19 daily update by the Public Health Department, BMC

Trend of Recovered Cases

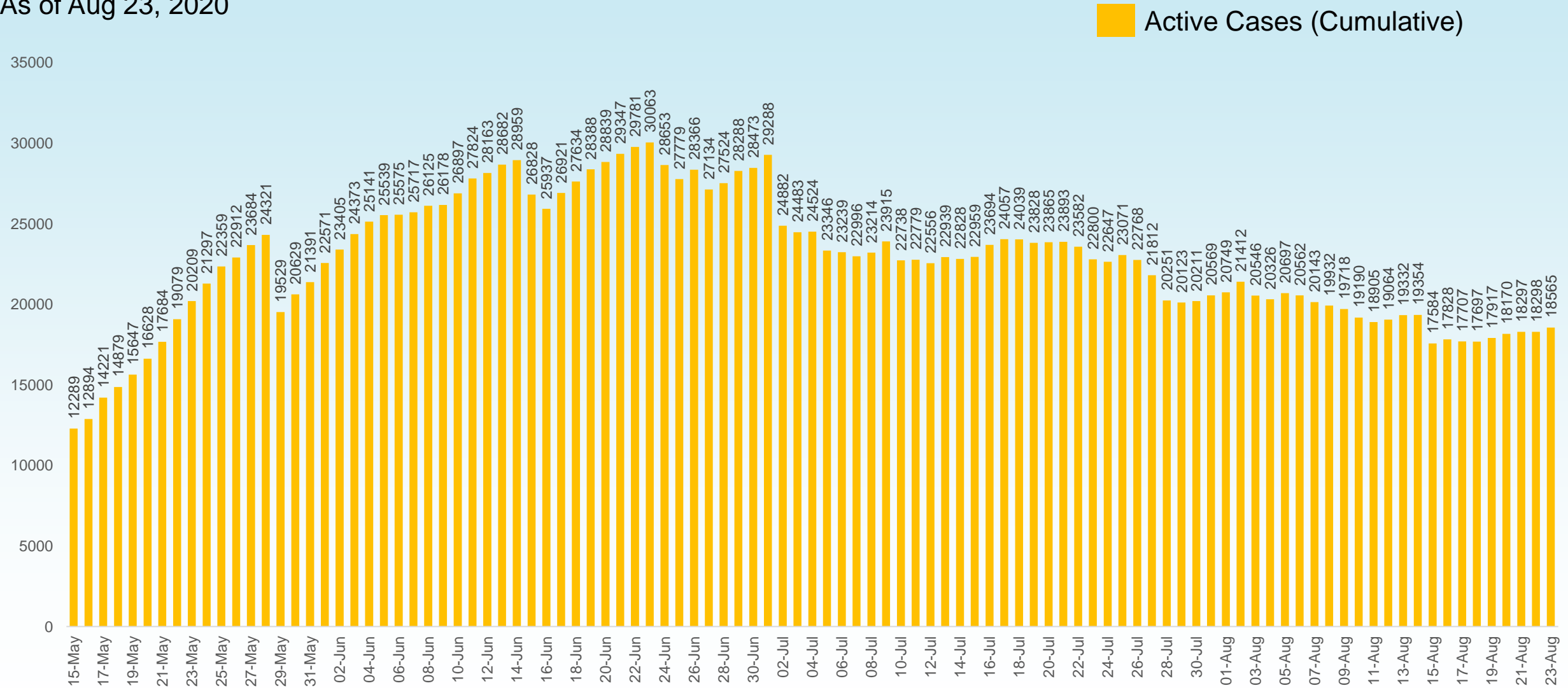
As of Aug 23, 2020



¹Spikes refer to reconciliation and updation for previous days

Trend of Active Cases

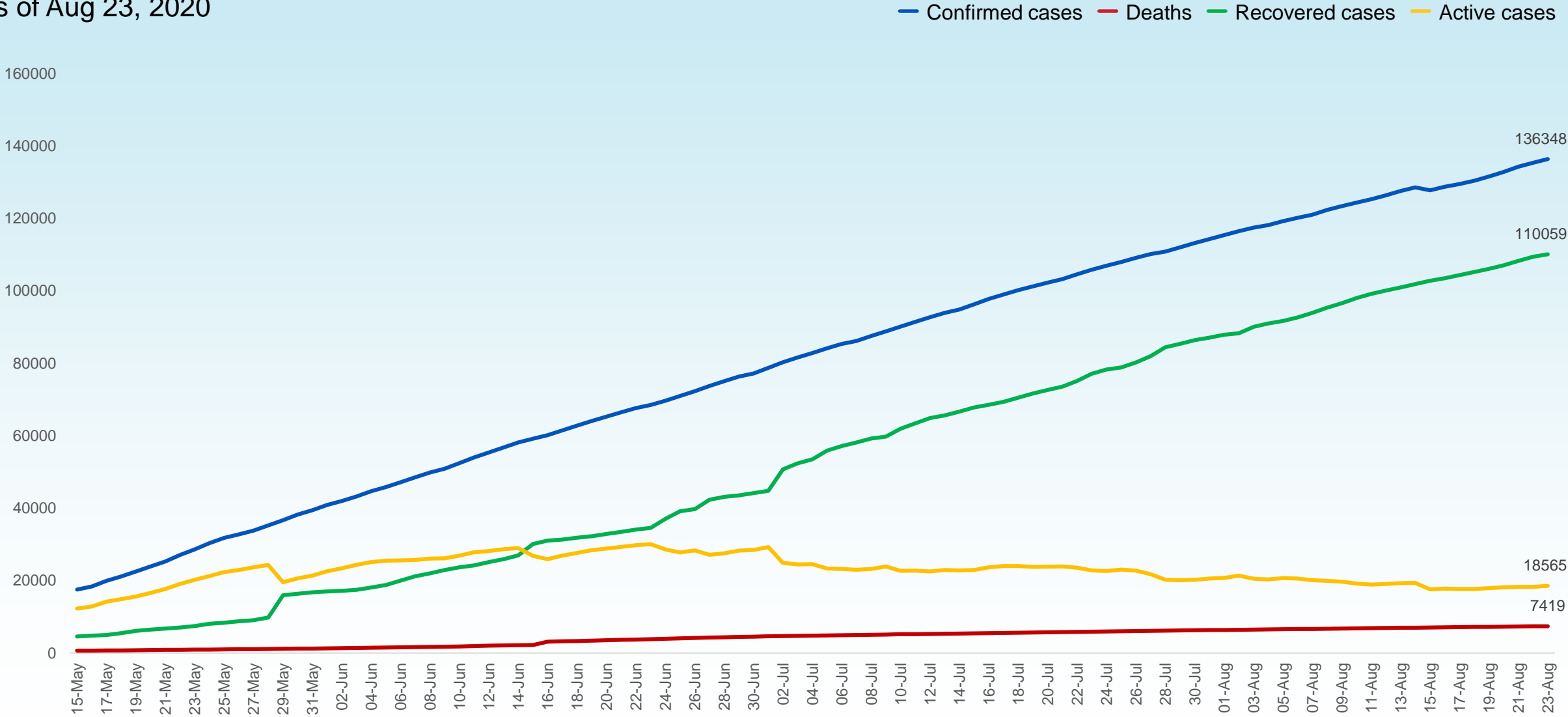
As of Aug 23, 2020





Case summary for Mumbai

As of Aug 23, 2020





Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

Bed Capacity

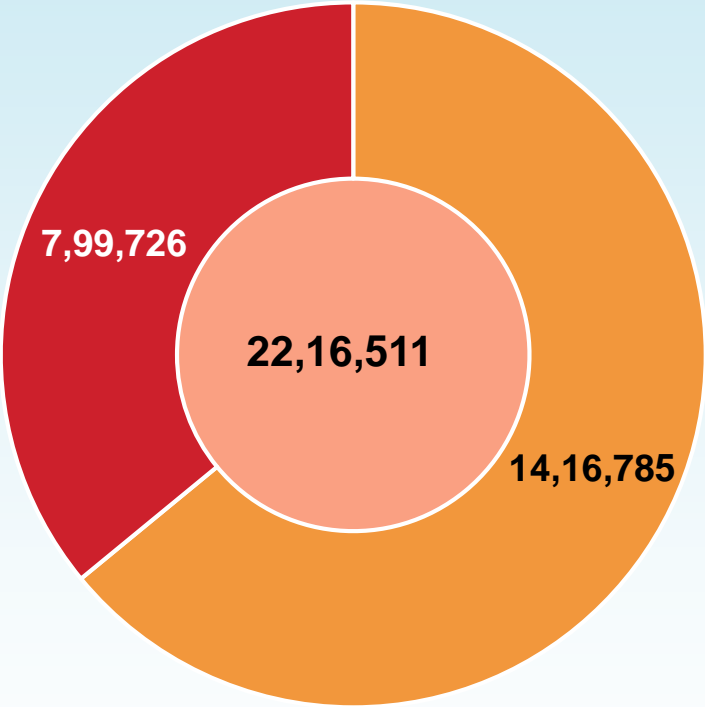
Other initiatives

Update on contact tracing

Summary as of Aug 23, 2020



Positive patients



Contacts traced

20,43,013

Completed quarantine

1,70,424

In home quarantine,

3,074

Currently at institutional
quarantine facilities

1,46,382

Shifted to institutional
quarantine facilities till date

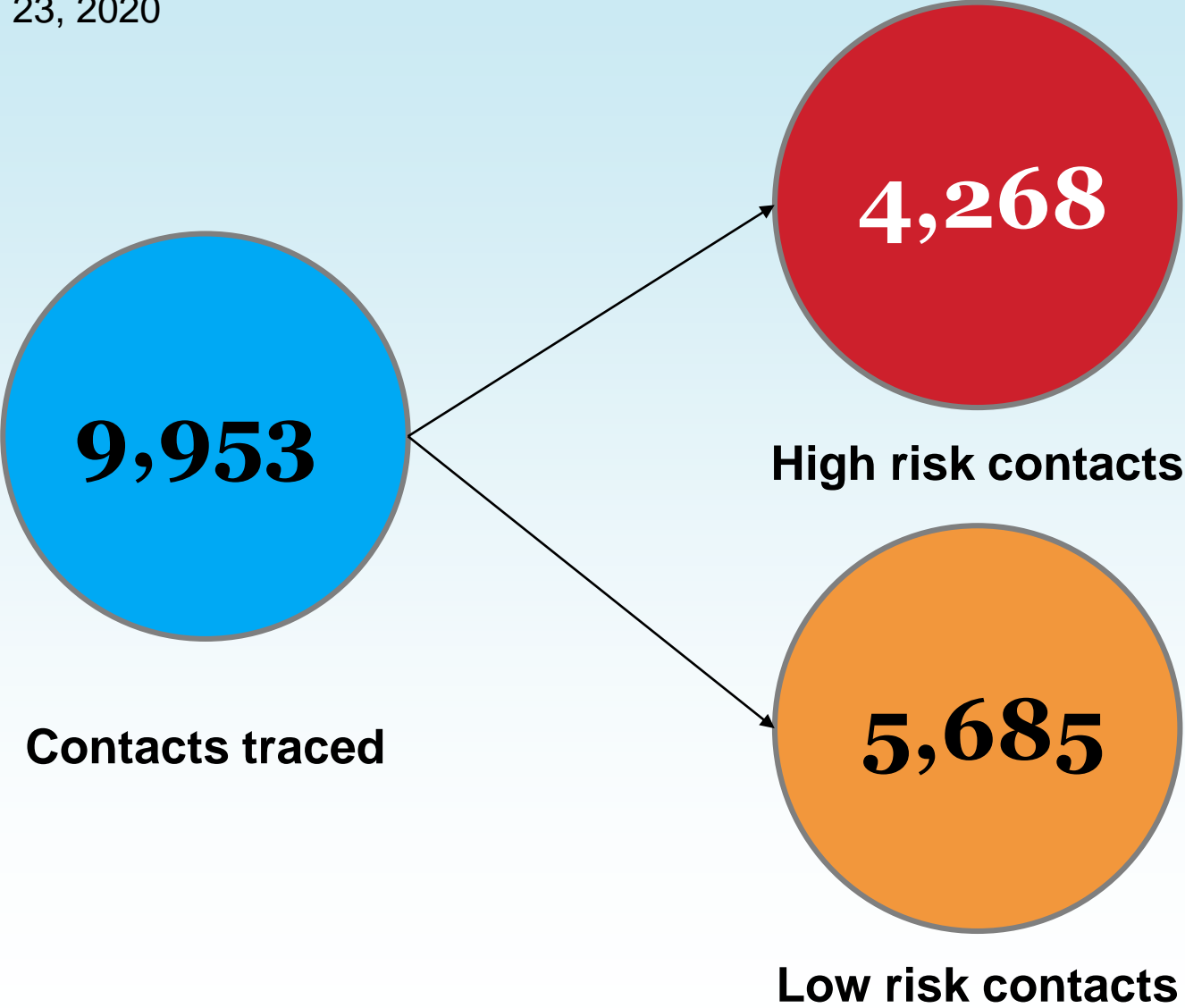
- Positive patients
- Total contacts traced
- High risk
- Low risk

Source: Quarantine numbers from BMC Contact Tracing Report as on Aug 23, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process

Contact tracing report for last 24 hours

Summary as of Aug 23, 2020



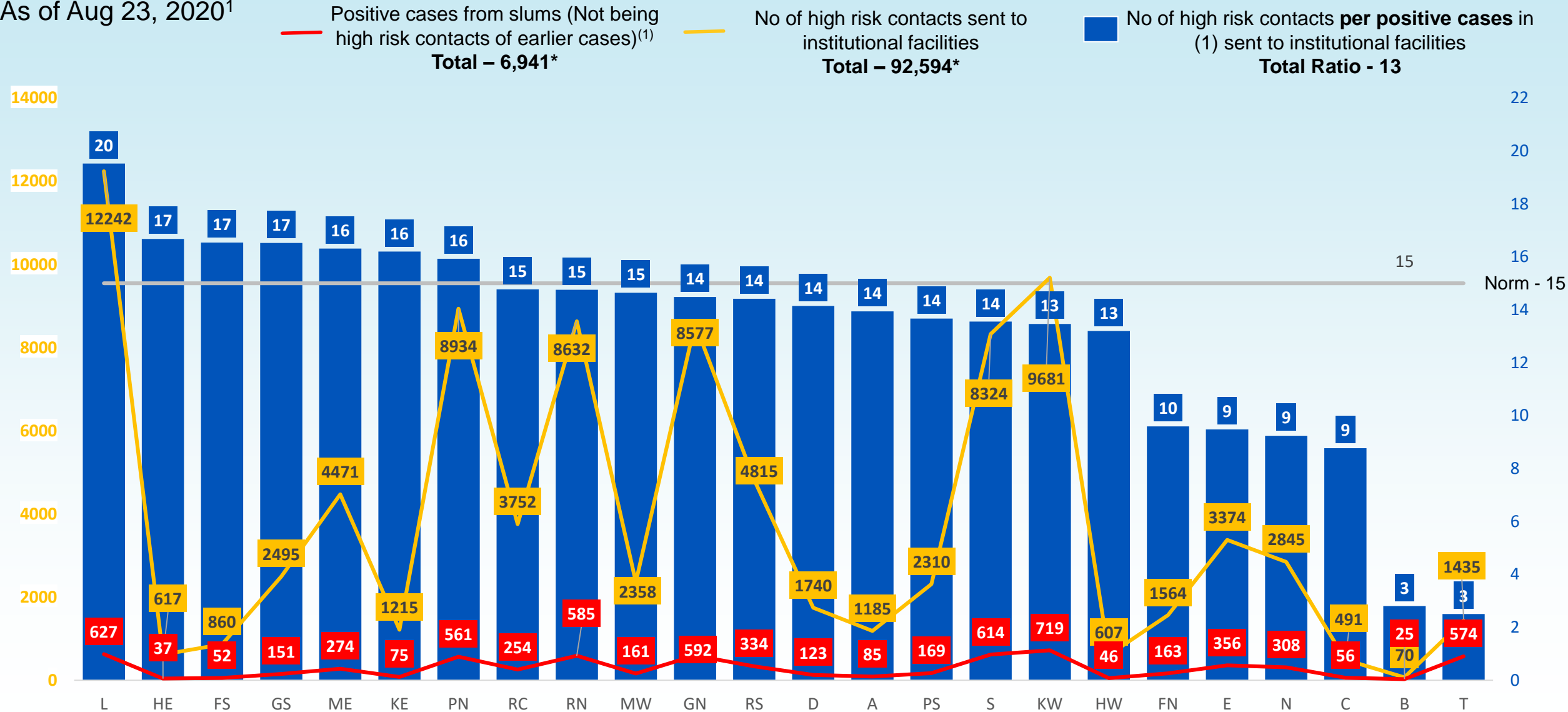
Source: Quarantine numbers from BMC Contact Tracing Report as on Aug 23 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



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

As of Aug 23, 2020¹

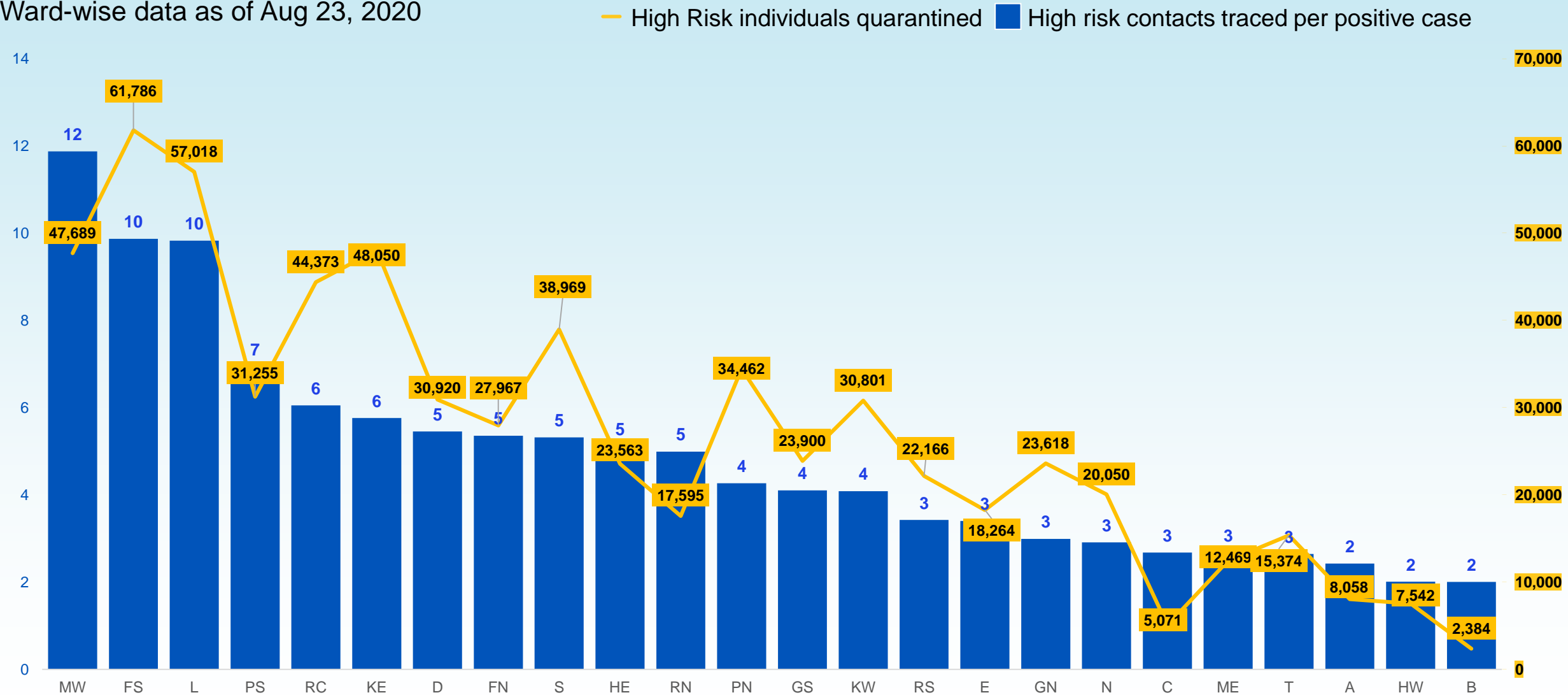


* Data for Ward KE is updated as of Aug 22
1 Data since June 03, 2020; Source – Operation – Chase the virus

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

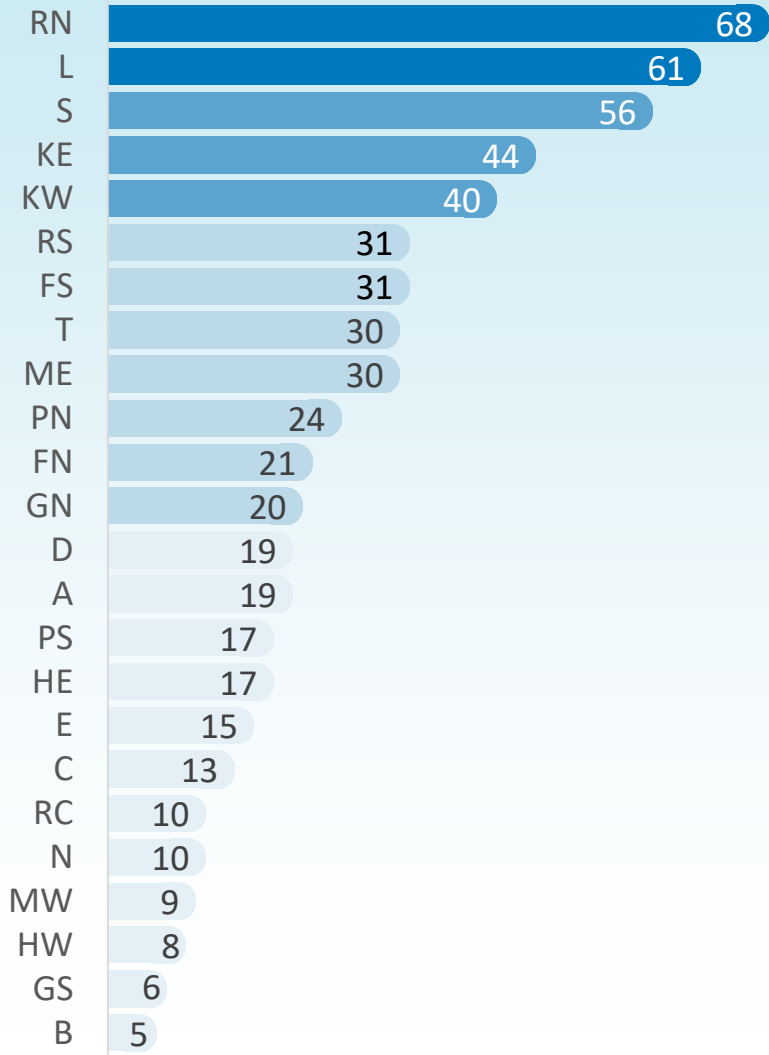
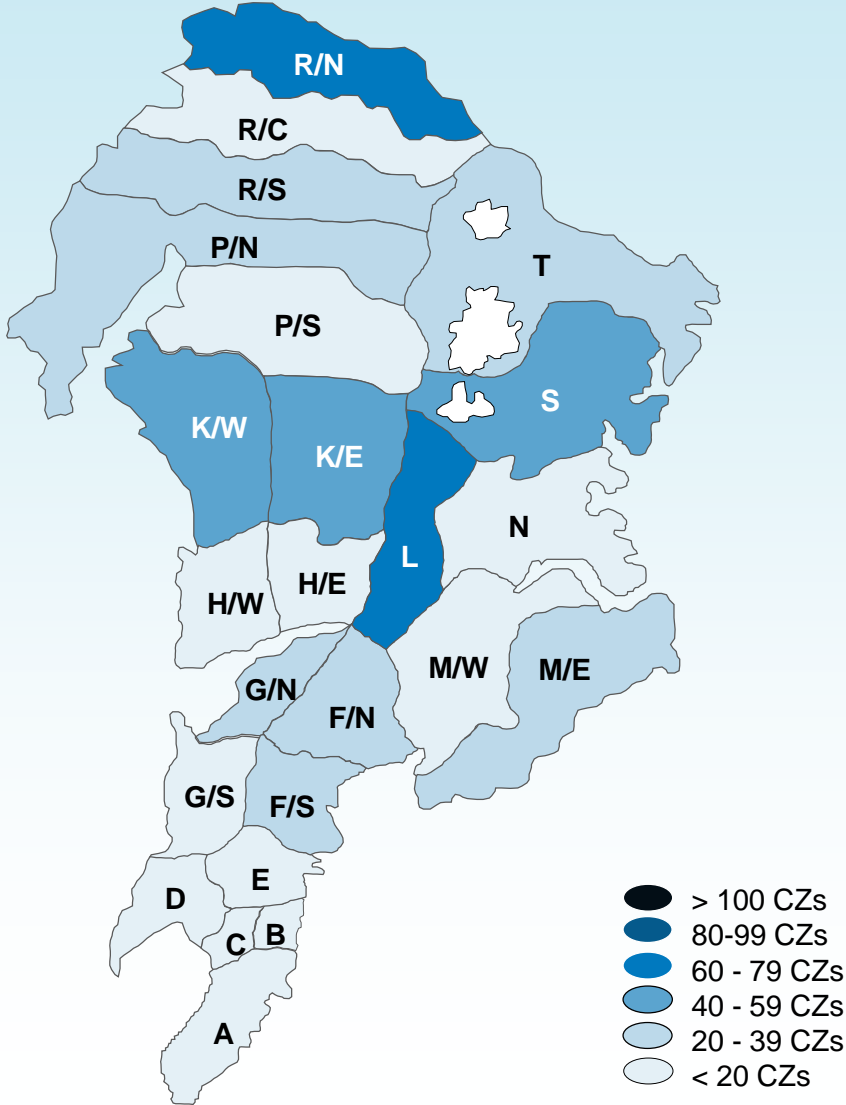


Ward-wise data as of Aug 23, 2020



Ward-wise containment zones – slums and chawls

As of Aug 23, 2020



604 *Active*
 Containment Zones

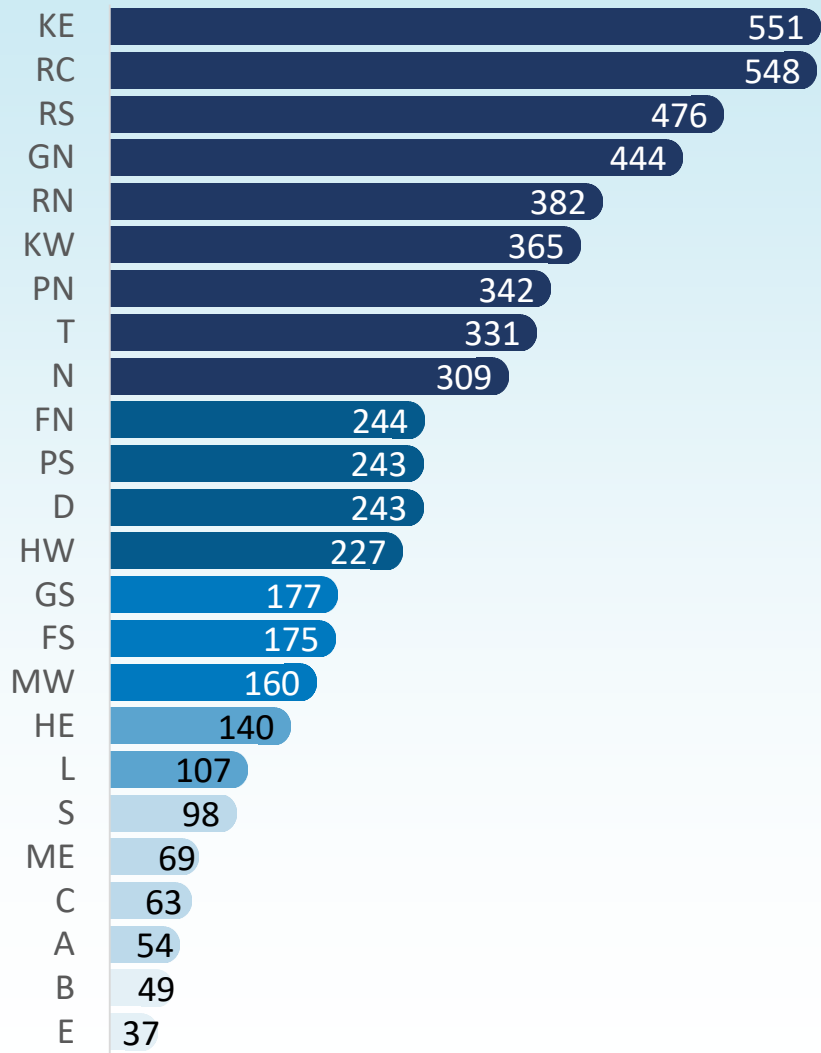
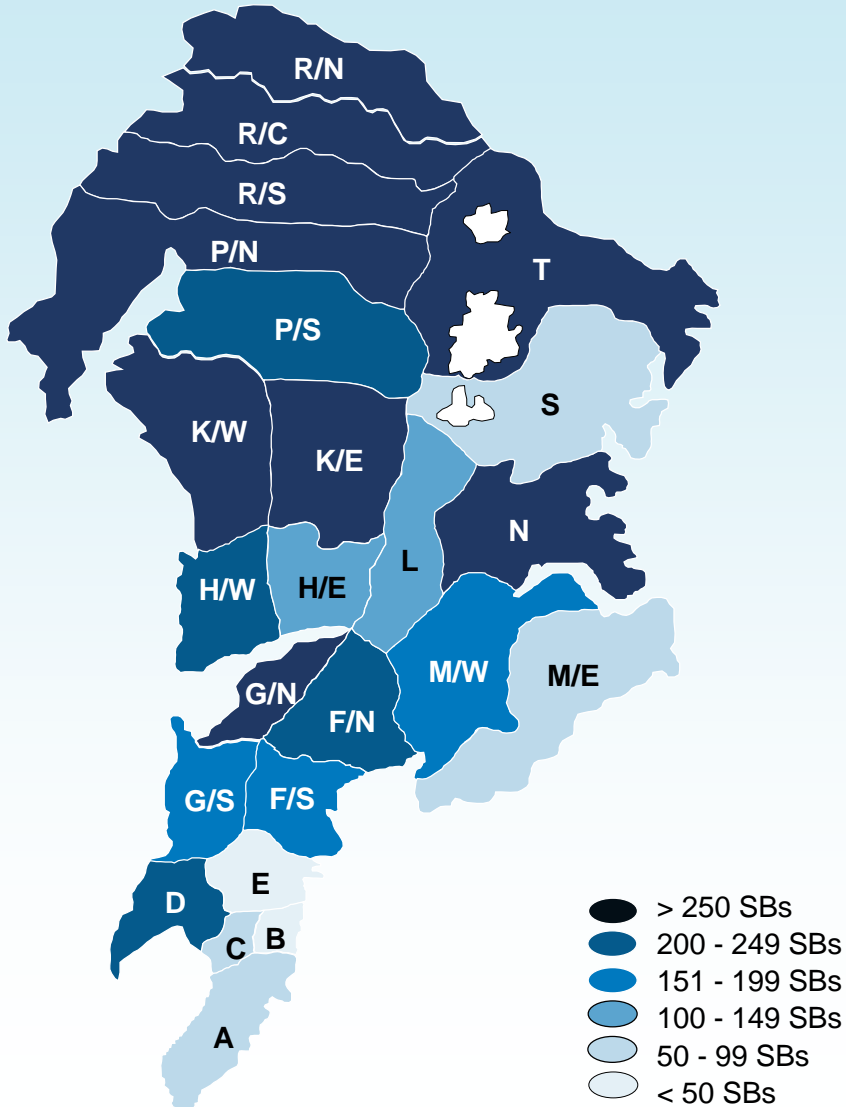
8.4 *lacs*
 No. of Households

37.1 *lacs*
 Population

898 *Released*
 Containment Zones

Ward-wise sealed buildings

As of Aug 23, 2020



5,834 *Active*
 Sealed Buildings

2.2 *lacs*
 No. of Households

8.2 *lacs*
 Population

19,385 *Released*
 Sealed Buildings



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

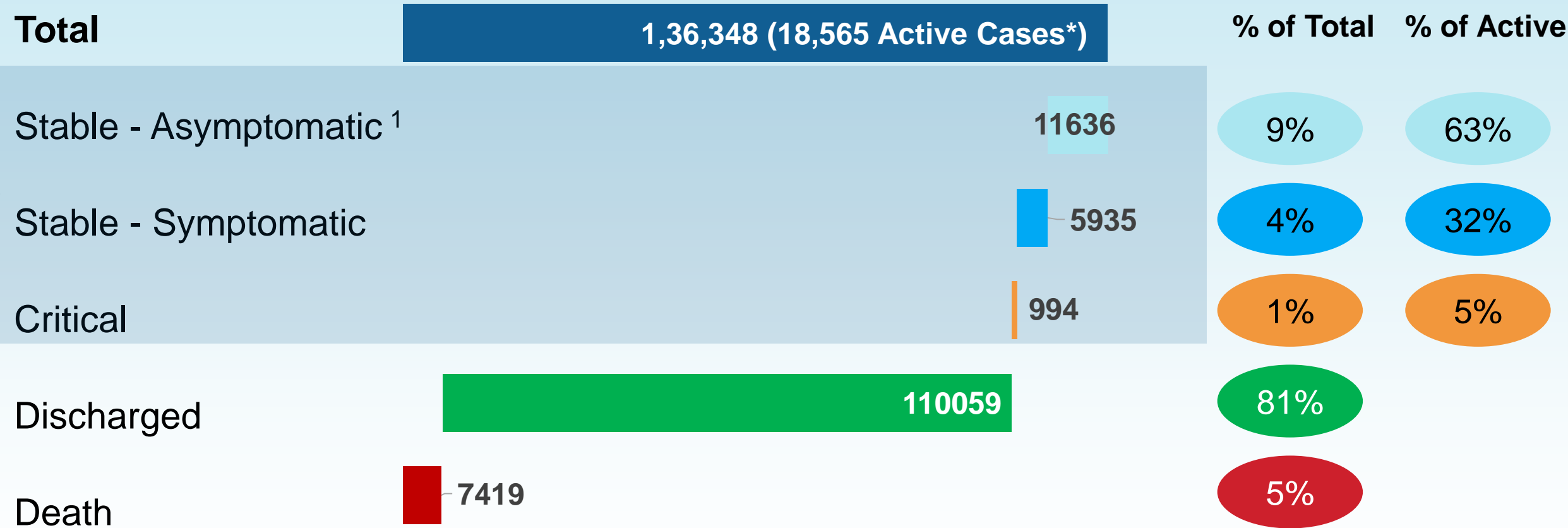
Bed Capacity

Other initiatives



Case summary for Mumbai

As of Aug 23, 2020



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

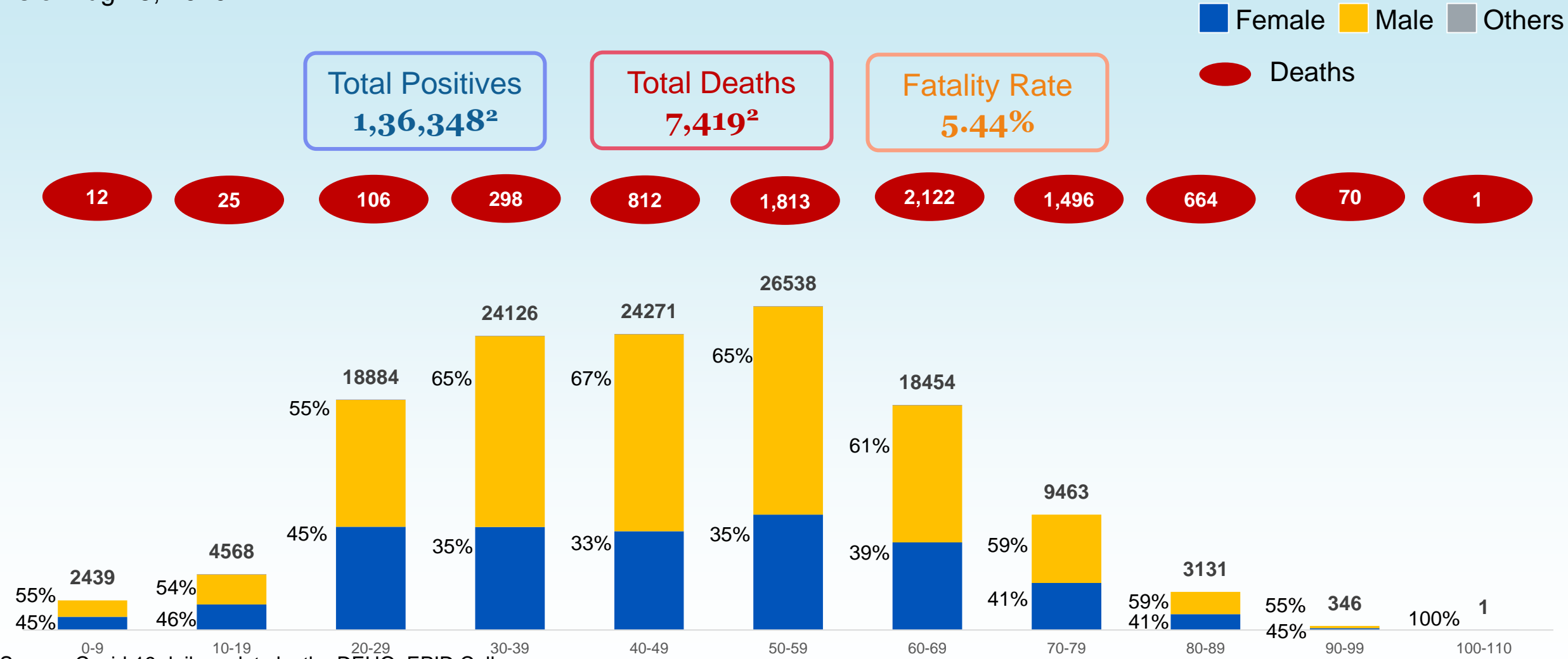
1 As per NCDC ICMR Report, Hospitalized status report (after deducting critical patients) has been considered as Symptomatic; Home Isolation and CCC2 has been considered as Asymptomatic; Difference between the total cases and the above classifications (5,481 cases) has been added to "Stable – Asymptomatic" 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 Aug 23, 2020¹



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

1 Total Age and sex-wise break up is available 1,32,221 cases; age-wise breakup of deaths available for 7,419 cases

2 As on Aug 23

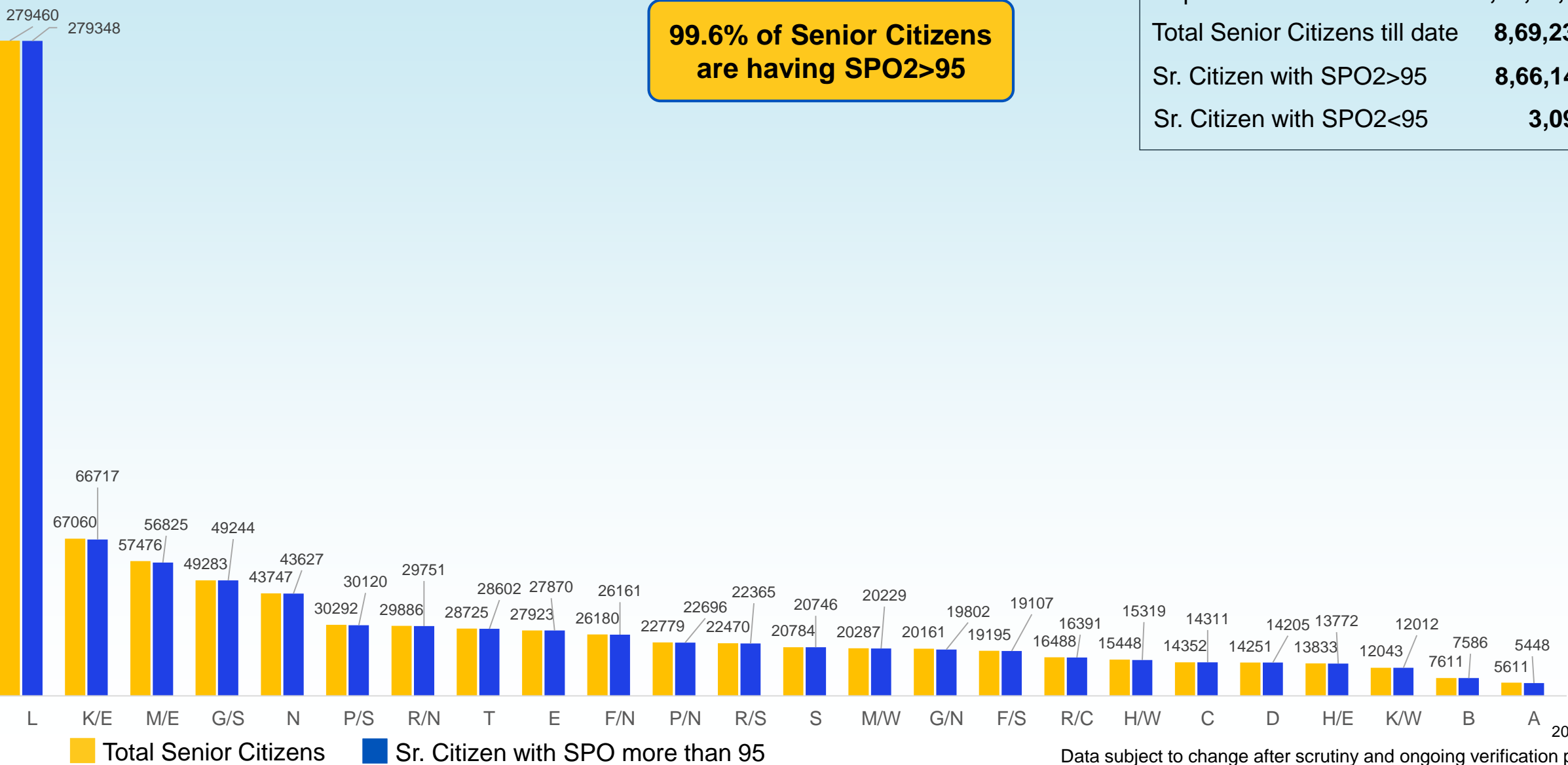


Proactive screening of elderly to protect them and contain mortality

Ward-wise data(progressive) till Aug 23, 2020

**99.6% of Senior Citizens
are having SPO2>95**

Population Screened till date	1,68,75,907
Total Senior Citizens till date	8,69,239
Sr. Citizen with SPO2>95	8,66,147
Sr. Citizen with SPO2<95	3,092



Data subject to change after scrutiny and ongoing verification process



Proactive screening of elderly to protect them and contain mortality

Ward-wise data for Aug 23, 2020

Wards	Total No. of Houses Surveyed	Population Covered	Total No. of Senior Citizens	Sr Citizen SPO2>95	* Sr Citizen SPO2<95
Total (Daily)	24,752	94,590	3,894	3,893	1
H/W	208	724	109	108	1
A	370	1,458	11	11	0
B	370	1,432	55	55	0
C	905	3,714	54	54	0
D	426	1,758	129	129	0
E	917	3,198	152	152	0
F/S	0	0	0	0	0
F/N	0	0	0	0	0
G/S	1,965	6,959	224	224	0
G/N	0	0	0	0	0
H/E	360	1,206	48	48	0
K/E	2,526	9,079	499	499	0
K/W	642	2,446	79	79	0
P/S	1,416	4,939	231	231	0
P/N	1,456	7,114	132	132	0
R/S	2,787	11,050	137	137	0
R/C	292	1,161	20	20	0
R/N	4,437	15,148	130	130	0
L	2,992	13,184	1,404	1,404	0
M/E	595	2,167	216	216	0
M/W	1,049	4,023	182	182	0
N	0	0	0	0	0
S	1,039	3,830	82	82	0
T	0	0	0	0	0

Summary till date

1,68,75,907

Total Population covered till date

8,69,239

Senior Citizens covered till date

8,66,147

Senior Citizens with SPO2>95 till date

3,092

Senior Citizens with SPO2<95 till date

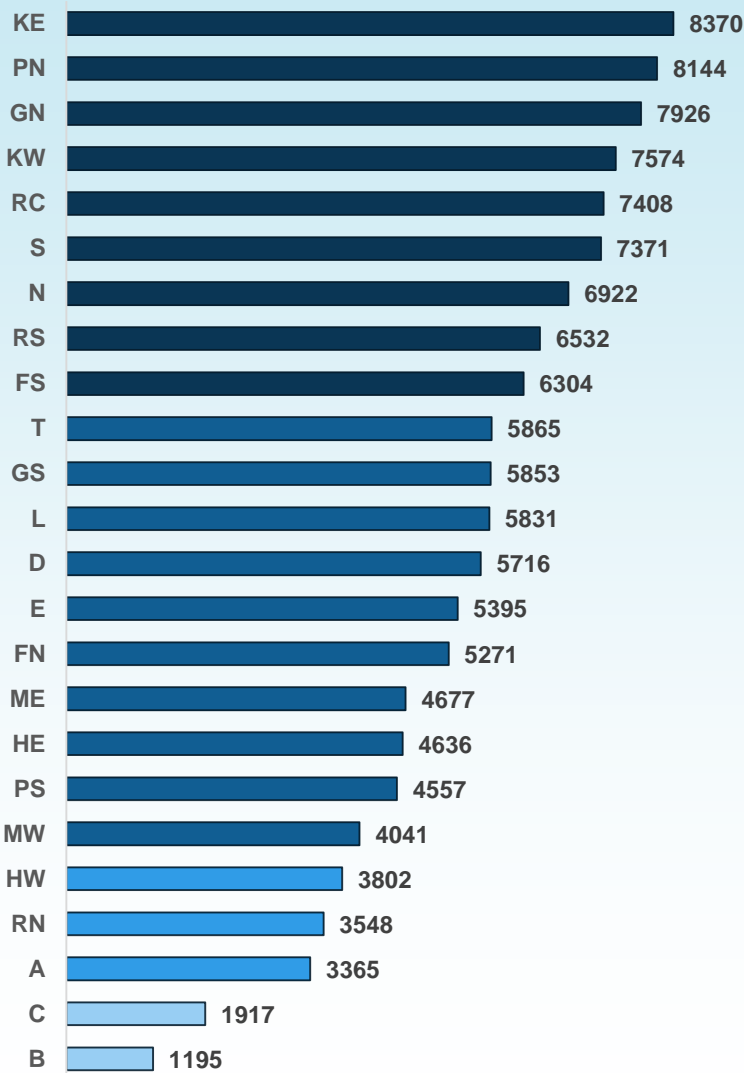
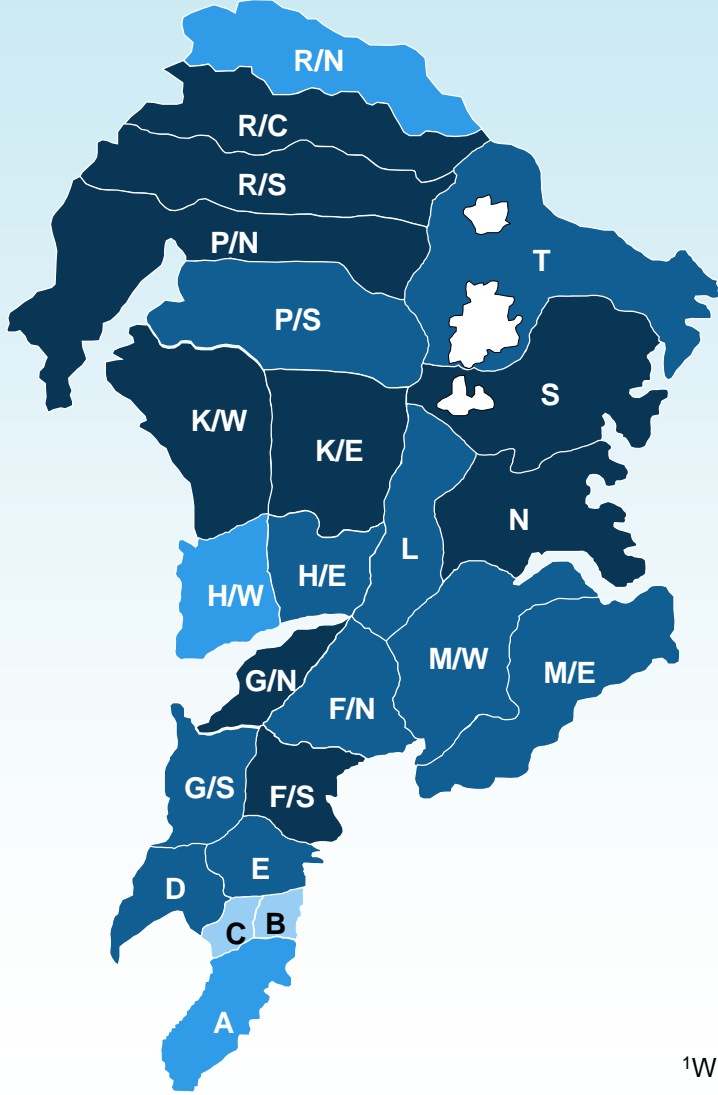
* Due to Data reconciliation, total population number is reduced.; Total population covers individuals screened multiple times

Data subject to change after scrutiny and ongoing verification process



Ward-wise breakdown of positive cases

As of Aug 23, 2020



7072	521	777
7006	354	784
6520	487	919
6346	314	914
5659	262	1487
6108	460	803
5890	400	632
5309	215	1008
5249	360	695
4908	168	789
4938	399	516
4768	438	625
4642	231	843
4354	292	749
4370	298	603
3853	310	514
3764	352	520
3641	234	682
3263	292	486
3012	189	601
2780	149	619
2775	70	520
1560	101	256
957	90	148
108744	6986	16490

- >6000 cases
- 4001- 6000 cases
- 2001 – 4000 cases
- 0 – 2000 cases
- Discharged²
- Deaths³
- Active

Total Positives
1,36,348¹

Total Active
16,490¹

Active = Positive – Discharges – Death

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

¹Ward-wise breakup is available for 1,32,220 cases (16,490 Active), Total

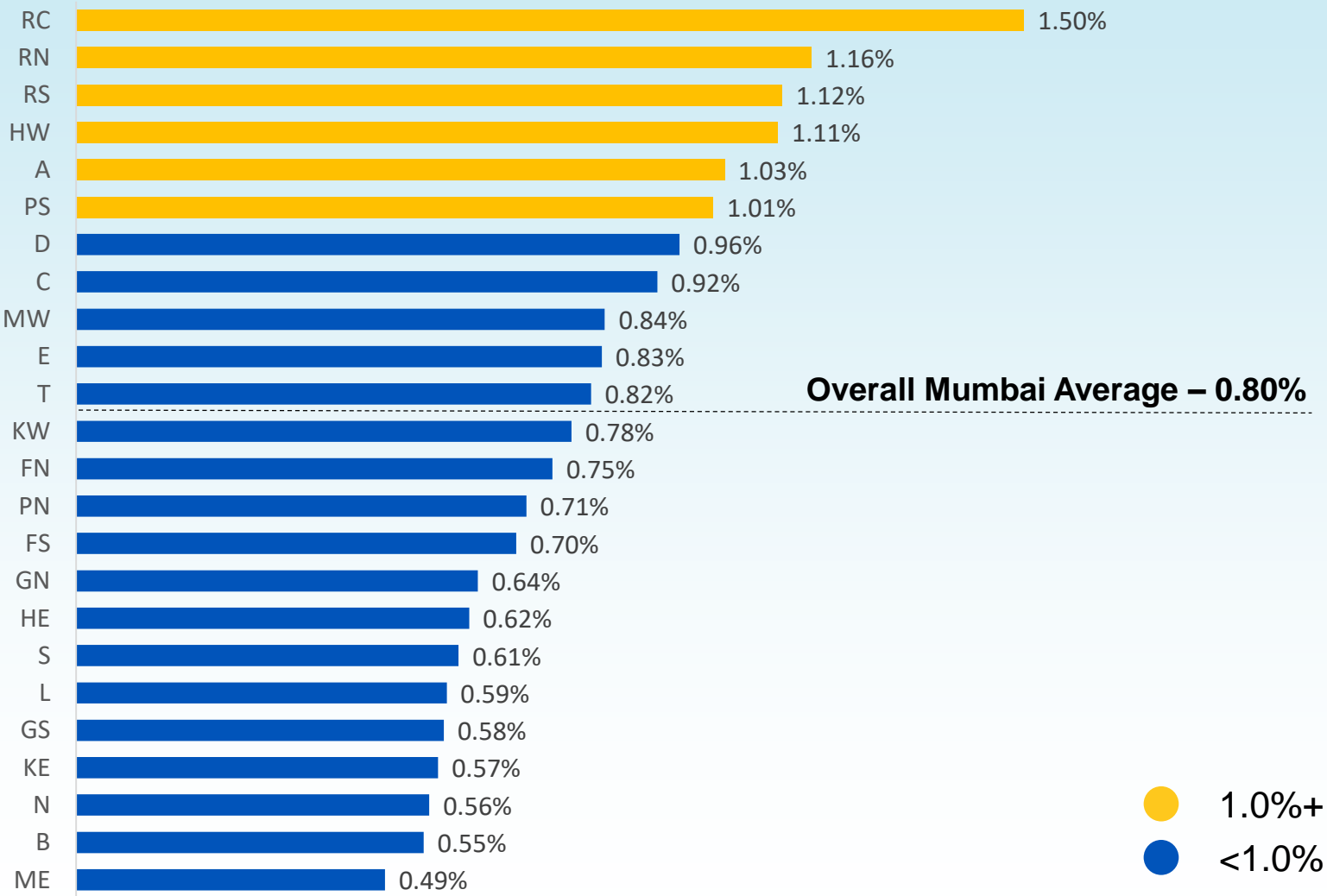
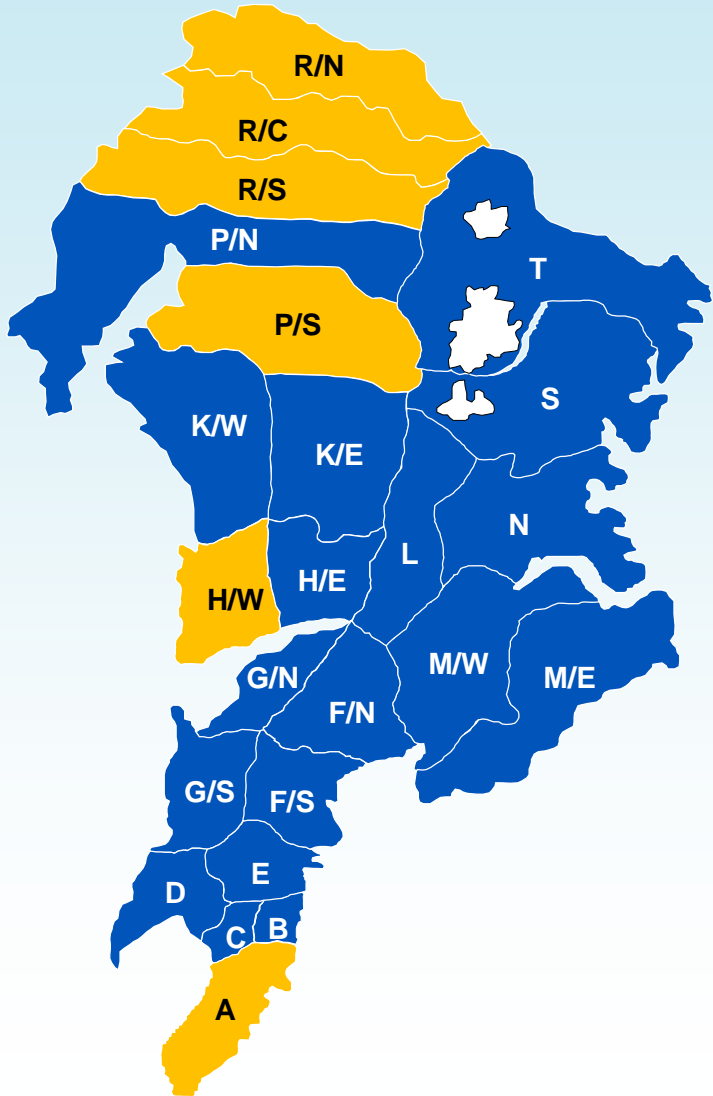
²Discharges as on Aug 23, Available for 1,08,744 cases,

³Deaths as on Aug 23, Available for 6,986 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 Aug 23, 2020



Ward-wise new cases

Positive cases for the last 7 days till Aug 23, 2020¹

Date of report	RC	RN	RS	HW	A	PS	D	C	MW	E	T	KW	FN	PN	FS	GN	HE	S	L	GS	KE	N	B	ME	Grand Total
Area>>>	Borivali	Dahisar	Kandivali	Bandra	Colaba	Goregaon	Grant Road	Marine Lines	Chembur W	Byculla	Mulund	Andheri W	Matunga	Malad	Parel	Dadar	Khar	Bhandup	Kurla	Elphinstone	Andheri E	Ghatkopar	Sandhurst Road	Chembur E	
As on 16th Aug	6675	3272	6043	3519	3133	4248	5348	1798	3812	5091	5541	7171	5001	7749	6005	7582	4439	7066	5597	5620	8042	6657	1150	4520	125079
17-Aug	57	10	48	40	7	17	34	12	21	30	29	41	39	37	29	50	19	30	29	34	28	39	6	17	703
18-Aug	83	36	68	30	28	37	56	7	25	28	64	49	22	58	32	28	18	42	28	33	36	37	4	11	860
19-Aug	79	53	58	38	30	34	63	18	31	51	39	58	31	51	66	76	31	41	32	33	52	49	5	31	1050
20-Aug	161	48	84	39	27	43	65	13	42	71	42	61	51	44	54	71	35	38	45	37	65	39	3	22	1200
21-Aug	147	54	102	54	45	77	56	27	40	54	52	96	50	80	34	47	45	57	35	24	73	33	10	32	1324
22-Aug	129	51	70	32	52	51	49	17	46	40	45	63	28	61	42	41	20	57	37	42	45	31	12	24	1085
23-Aug	77	24	59	50	43	50	45	25	24	30	53	35	49	64	42	31	29	40	28	30	29	37	5	20	919
As on 23rd Aug	7408	3548	6532	3802	3365	4557	5716	1917	4041	5395	5865	7574	5271	8144	6304	7926	4636	7371	5831	5853	8370	6922	1195	4677	132220
Days to double	47	60	62	63	68	69	73	76	83	84	85	89	92	98	100	109	112	115	118	119	121	124	126	142	87

Wards <= 65 days to double

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

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 Aug 23, 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

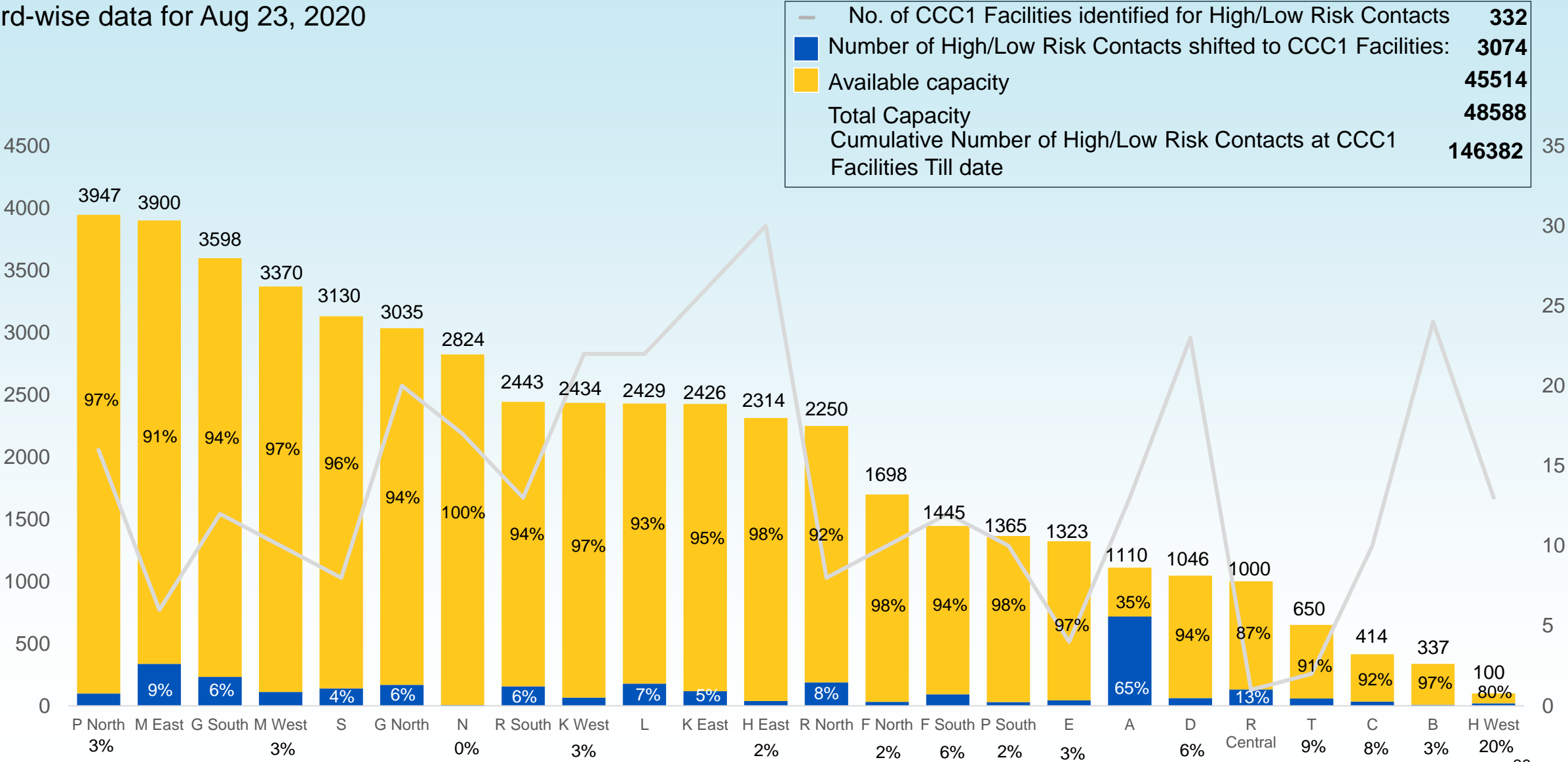
Bed Capacity

Other initiatives



Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Aug 23, 2020



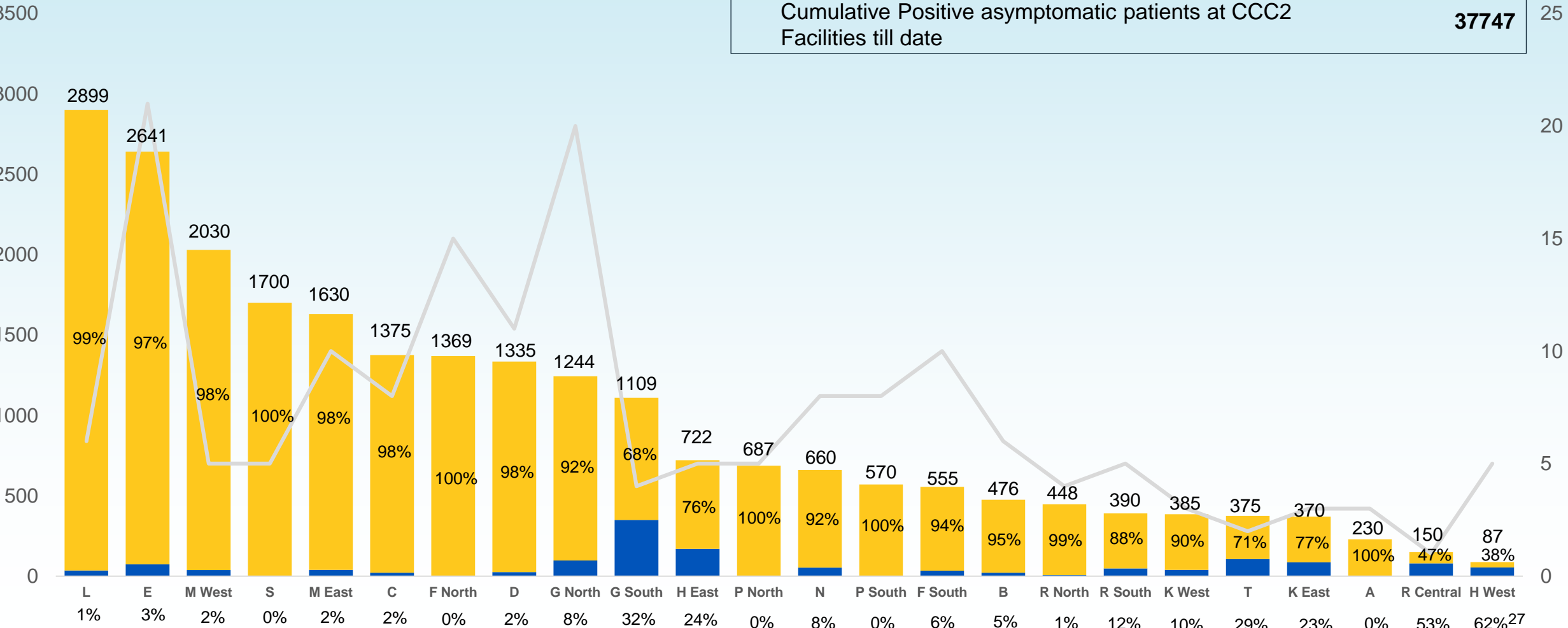
Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators



Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Aug 23, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	173
Number of positive asymptomatic patients shifted to CCC2 Facilities	1382
Available capacity	22055
Total Capacity	23437
Cumulative Positive asymptomatic patients at CCC2	37747
Facilities till date	



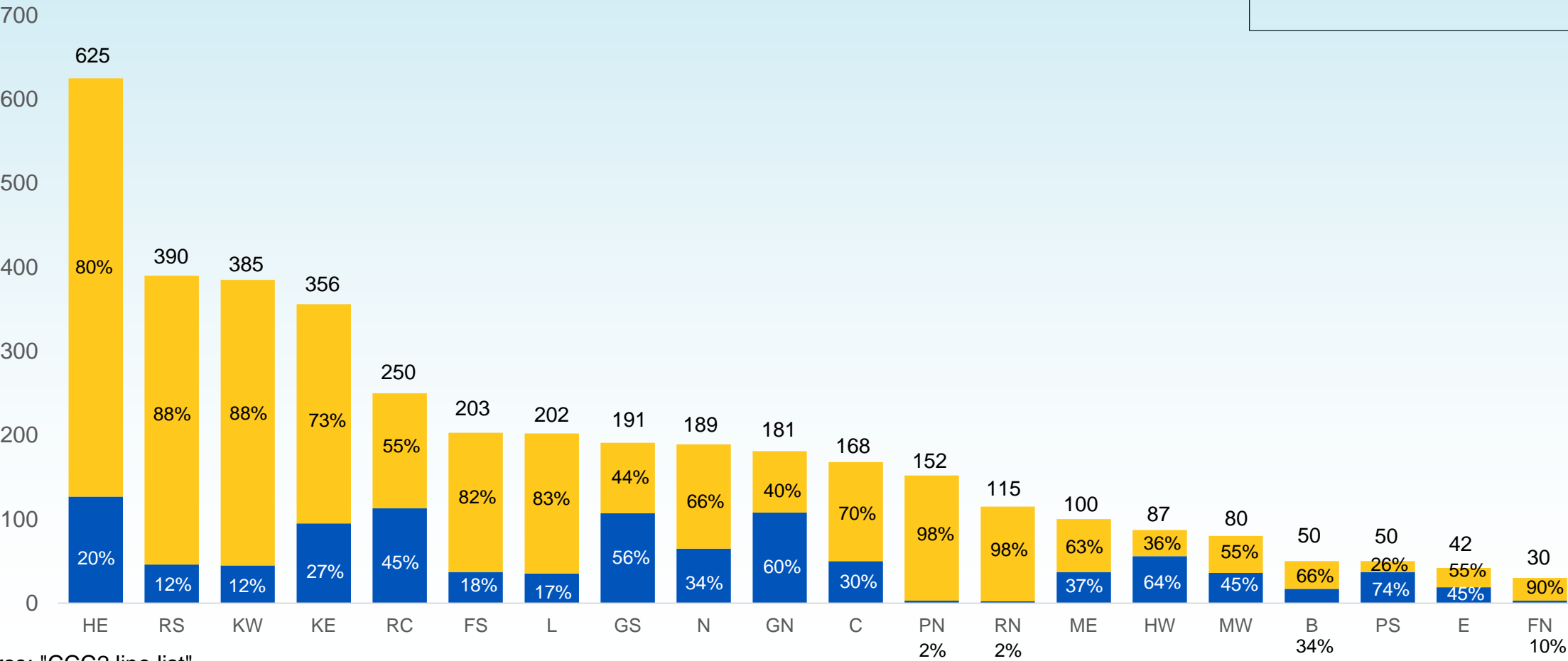
Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators



Ward-wise bifurcation of CCC2 ACTIVE facilities

Ward-wise data for Aug 23, 2020

Beds occupied	1038
Available capacity	2808
Total capacity	3846
Cumulative patients till date	34075

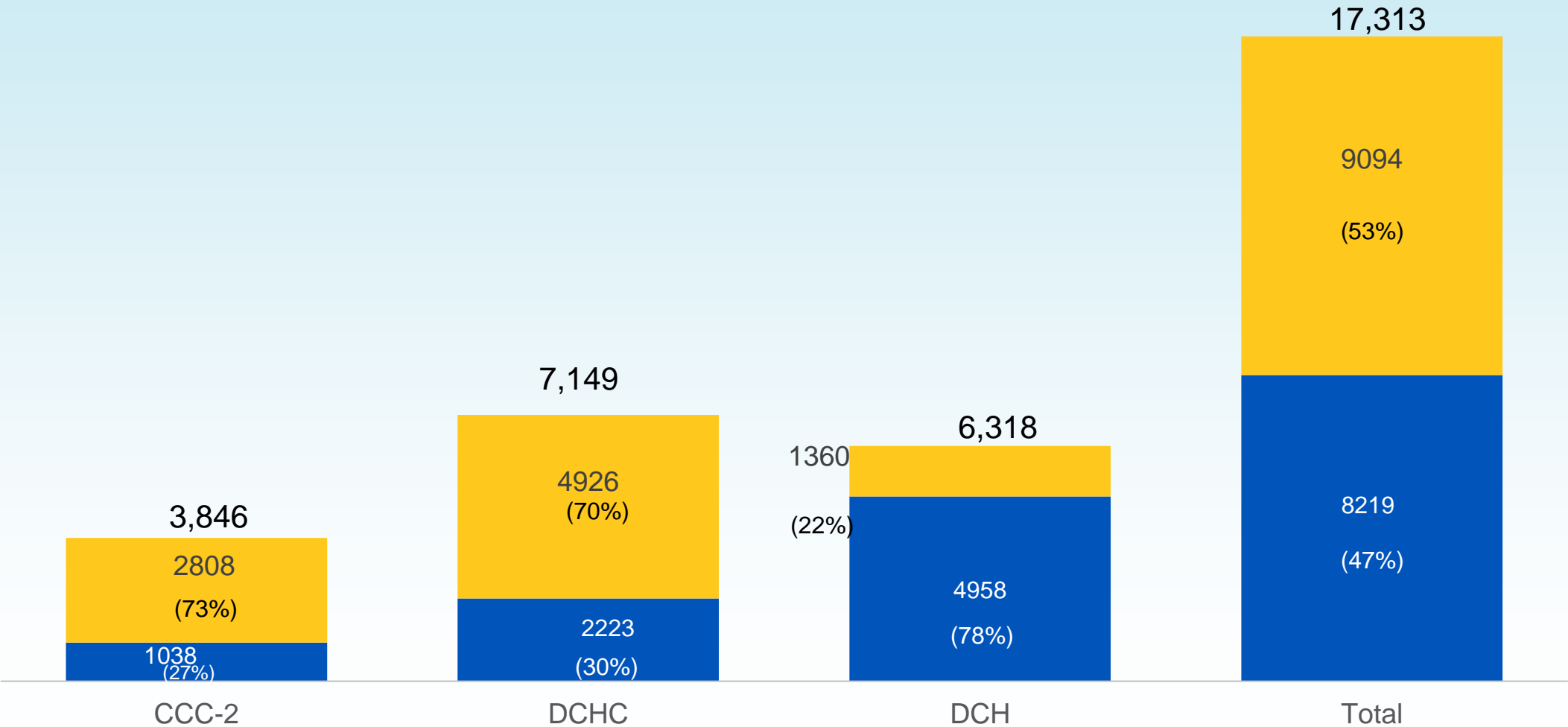


Source: "CCC2 line list"

Summary of total bed capacity

As of Aug 23, 2020

On bed patients Available capacity



Covid19 Bed Management

Data as on 02:00 PM, Aug 24, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
Total	13,467	7,181	6,286
ICU Beds	1,435	1,213	222
Regular	1,391	1,183	208
Modular	10	9	1
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	12,032	5,968	6,064
Quarantine for Suspect	994	495	499
Isolation for Positives	10,581	5,279	5,302
Pregnancy	290	66	224
Others (Cancer + Dialysis)	167	128	39
<i>O2 Beds*</i>	8,892	4,565	4,327
<i>Ventilators*</i>	913	770	143

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 02:00 PM, Aug 24, 2020 , Subject to change

			COVID Beds				
			Total	ICU Beds	Normal Beds	O2 Beds*	Ventilators*
Capacity	Total		13,467	1,435	12,032	8,892	913
	Public	Hospitals	5,085	651	4,434	2,921	516
		Jumbo	6,067	244	5,823	4,507	120
	Pvt	Hospitals	2,315	540	1,775	1,464	277
Occupancy	Total		7,181	1,213	5,968	4,565	770
	Public	Hospitals	3,482	596	2,886	2,190	476
		Jumbo	1,794	126	1,677	1,222	33
	Pvt	Hospitals	1,896	491	1,405	1,153	261
Vacancy	Total		6,286	222	6,064	4,327	143
	Public	Hospitals	1,603	55	1,548	731	40
		Jumbo	4,263	117	4,145	3,285	87
	Pvt	Hospitals	419	49	371	311	16

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



Key Trends

Contact tracing and home quarantine

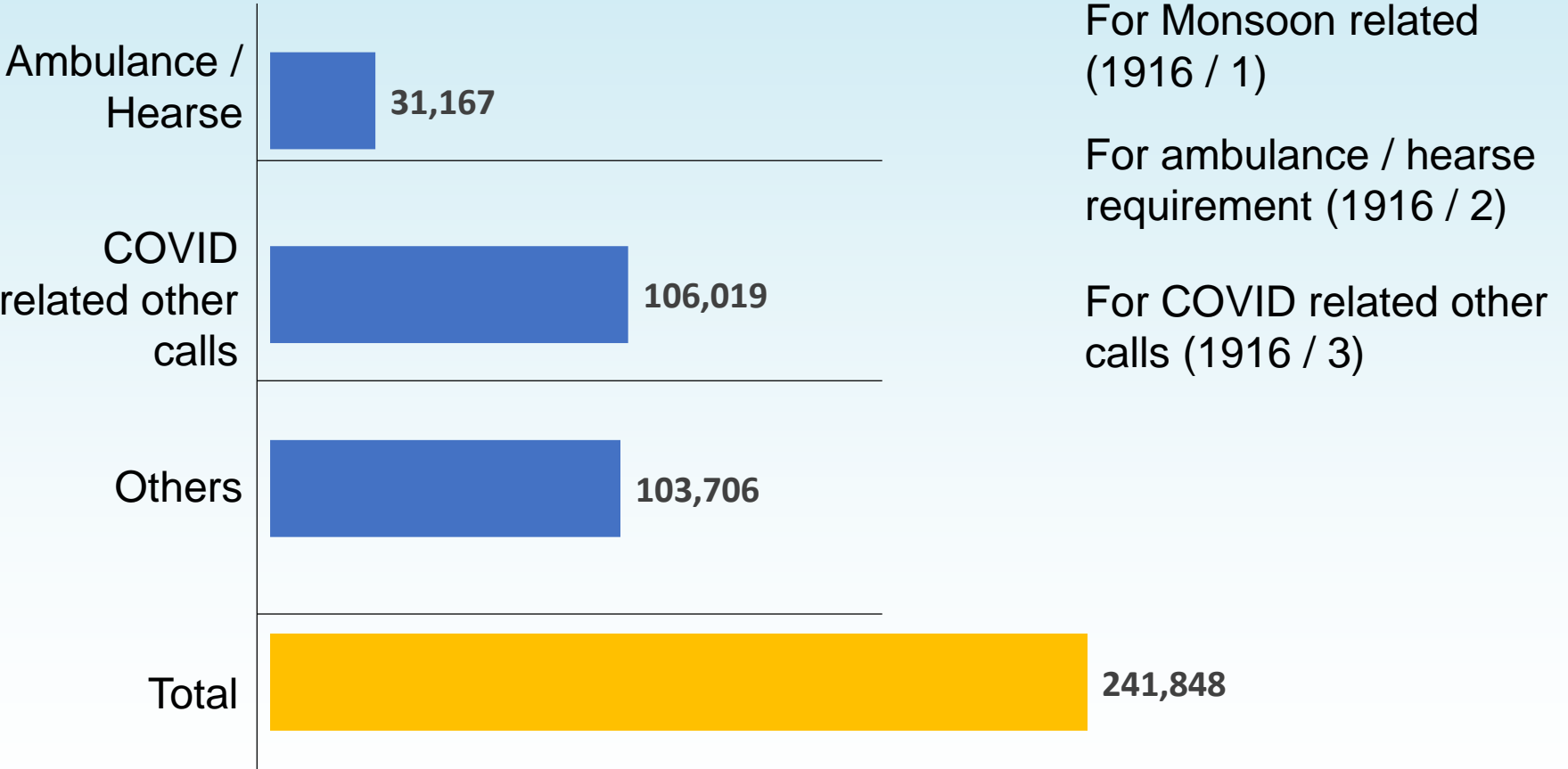
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Call Center update

For all calls received from April 24 to Aug 23, 2020



Management of Waste from Quarantined Areas

August 20, 2020



Waste Collected (in Kgs)

COVID BMW (in Kgs)
9910

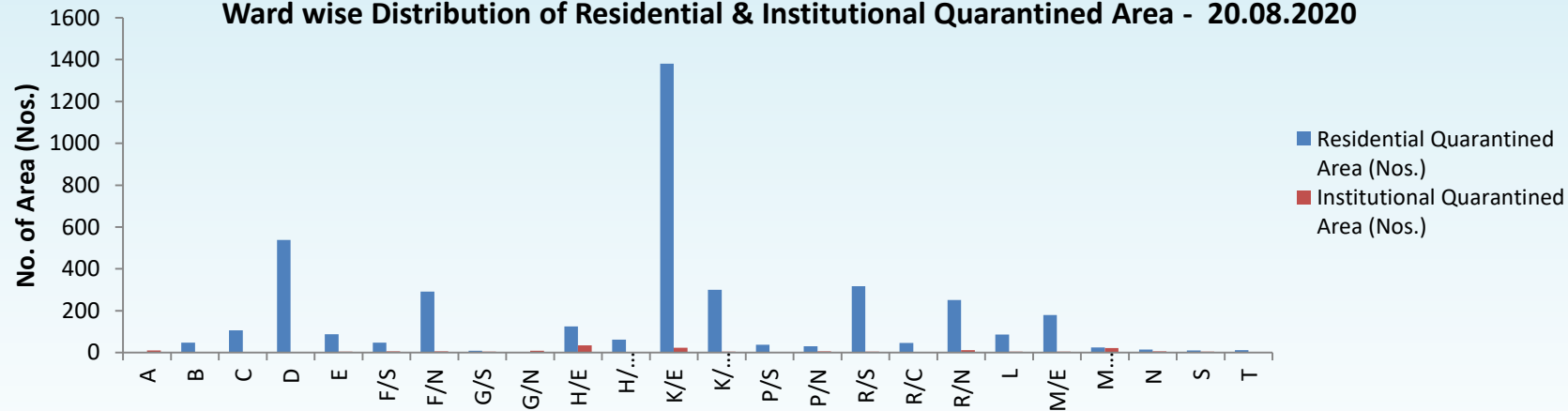
MCGM Quarantine BMW (in Kgs)
2919

Total BMW (in Kgs):
12,829

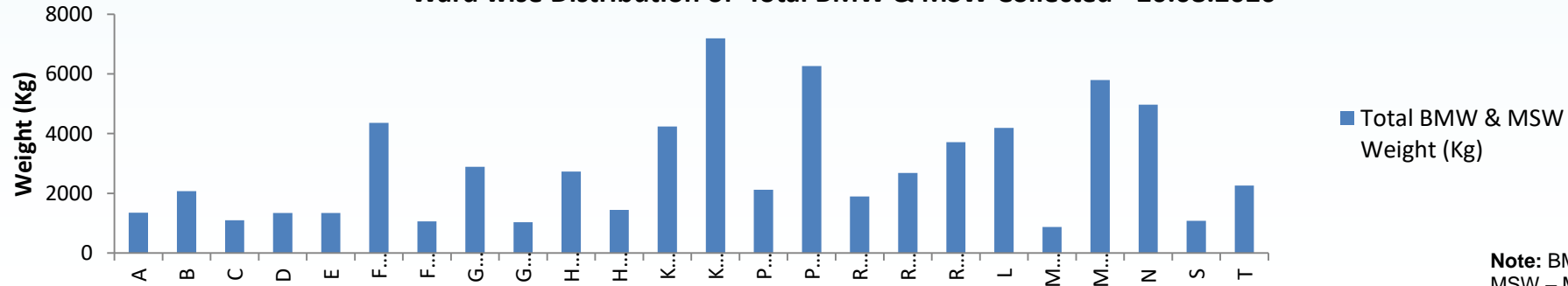
Total MSW Collected by MCGM from Quarantined Area (in Kgs):
65,040

Total MSW & BMW Collected by MCGM from Quarantined Area(in Kgs): **77,869**

Ward wise Distribution of Residential & Institutional Quarantined Area - 20.08.2020



Ward wise Distribution of Total BMW & MSW Collected- 20.08.2020



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

Thank you

