

BMC Covid-19 Response War Room Dashboard

Aug 25, 2020



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Mumbai COVID19 status at a glance

As of Aug 24, 2020

COVID19 Case Analysis		COVID19 Bed Management (As on 02:00 PM, Aug 25, 2020)		Contact Tracing	Past 24hrs	Cumulative	Others	
Total Positive	1,37,091	Bed Capacity	17,326	Total Traced	8,108	22,24,555	Senior Citizens Screened till date	8,74,275
Discharged	1,11,084	Occupied	8,138	High Risk	3,359	8,03,021	Senior Citizens with SPO2 > 95	8,71,178
Deaths	7,439	Available	9,188	Low Risk	4,749	14,21,534	Senior Citizens with SPO2 < 95	3,097
(Deaths with Age > 50yrs – 6,184)		DCH & DCHC Bed Capacity	13,480	Total Quarantine Completed		20,52,662	Active Containment Zones – Slums & Chawls	599
Total Active	18,263	Occupied	7,132	Currently in Home Quarantine		1,68,878	Released Containment Zones – Slums & Chawls	922
Stable – Asymptomatic	11,287	Available	6,348	Currently in Institutional Quarantine (CCC1)		3,015	Active Sealed Buildings	5,936
Stable - Symptomatic	5,842	CCC2 Facility (Activated Capacity)	3,846	Total CCC1 Facilities		332	Released Sealed Buildings	20,284
Critical	1,134	Occupied	1,006	Total Capacity(Beds)		48,588	Calls Centre Calls Flow	2,42,655
Tests Done (till date)	7,15,543	Available	2,840	Current Occupancy		3,015		
% of Positive (till date)	19.15	O2 Bed Capacity	8,905	Cumulative Occupancy		1,46,615		
		Occupied	4,536	Total CCC2 Facilities		173		
		Available	4,369	Total Capacity (Beds)		23,437		
		Ventilator Bed Capacity	913	Active Facilities		63		
		Occupied	770	Active Capacity(Beds)		3,846		
		Available	143	Current Occupancy		1,006		
				Cumulative Occupancy		34,165		

Ward wise positive cases

Wards	RC	RN	RS	A	PS	HW	D	C	KW	E	T	MW	FN	PN	FS	GN	HE	KE	S	GS	B	L	N	ME	Overall Mumbai
Positive Cases	7469	3569	6594	3382	4591	3820	5748	1930	7644	5420	5895	4054	5295	8179	6328	7959	4649	8405	7383	5882	1202	5846	6957	4707	
Days to double	47	58	61	65	66	69	74	76	83	86	86	87	98	99	102	116	116	119	122	123	124	126	127	132	88

1 Ward-wise break up is as on Aug 24, 2020, available for 1,32,908 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

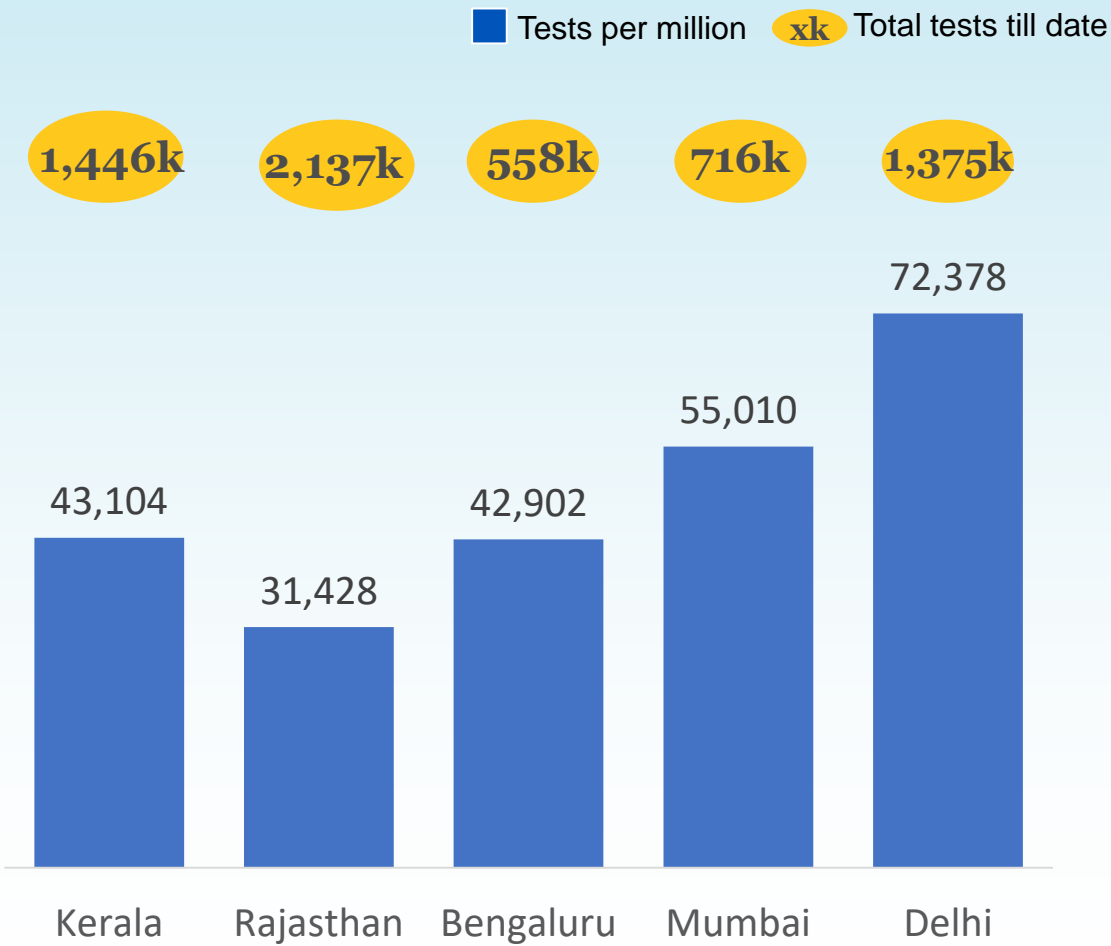
Other initiatives



Tests/ million data for COVID-19

For all tests conducted from Feb 3, 2020 to Aug 24, 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	1,09,793	5,57,727*	42,902
Mumbai	1,37,091	7,15,543	55,010
Delhi*	1,57,354	13,75,182	72,378
West Bengal	1,41,837	15,96,578	17,695
Gujarat	87,691	18,17,971	29,322
Kerala	59,504	14,46,380	43,104
Maharashtra	6,93,398	37,11,123	30,036
Rajasthan	72,650	21,37,137	31,428
Tamil Nadu	3,85,352	42,76,640	1,28,090

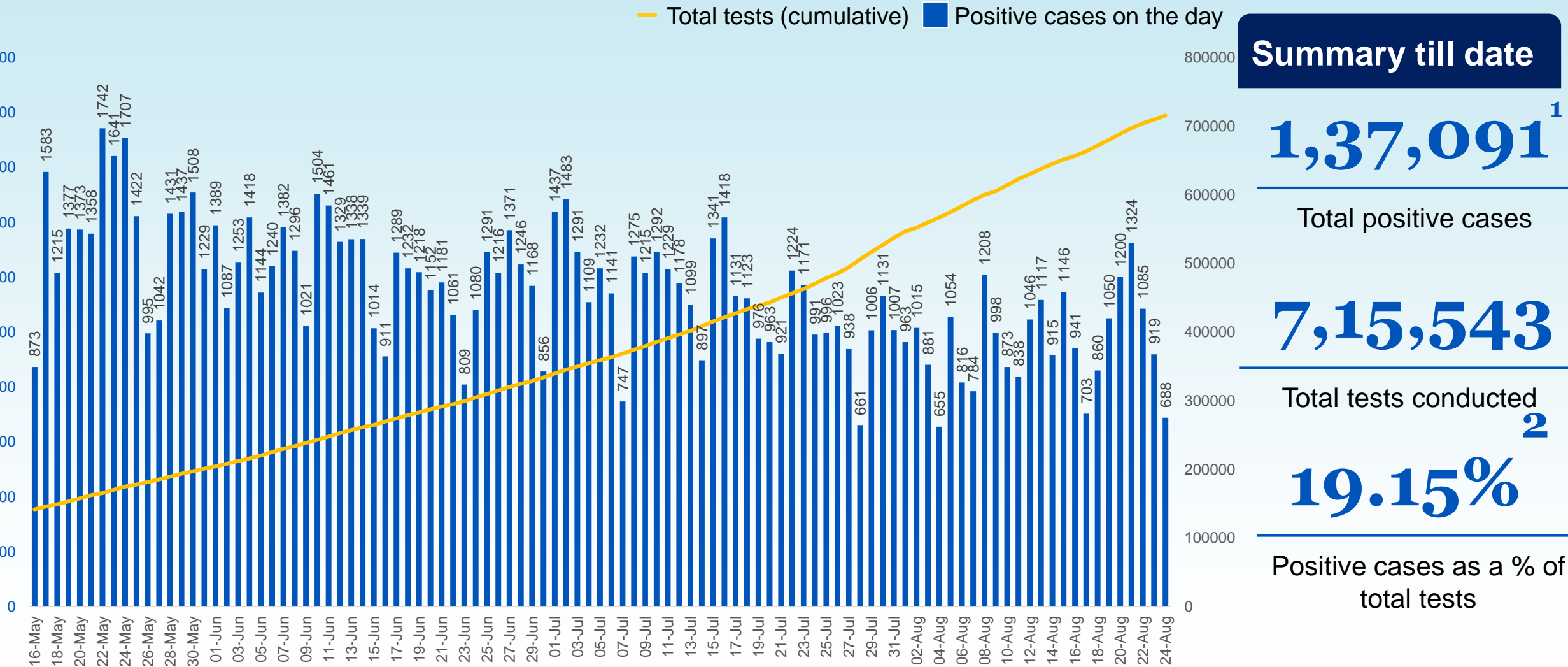
Source: Government COVID bulletins as of Aug 24 2020

* 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 24, 2020



1 Total Positive cases as on Aug 24, Total cases as of Aug 24 as per line list is 1,32,908

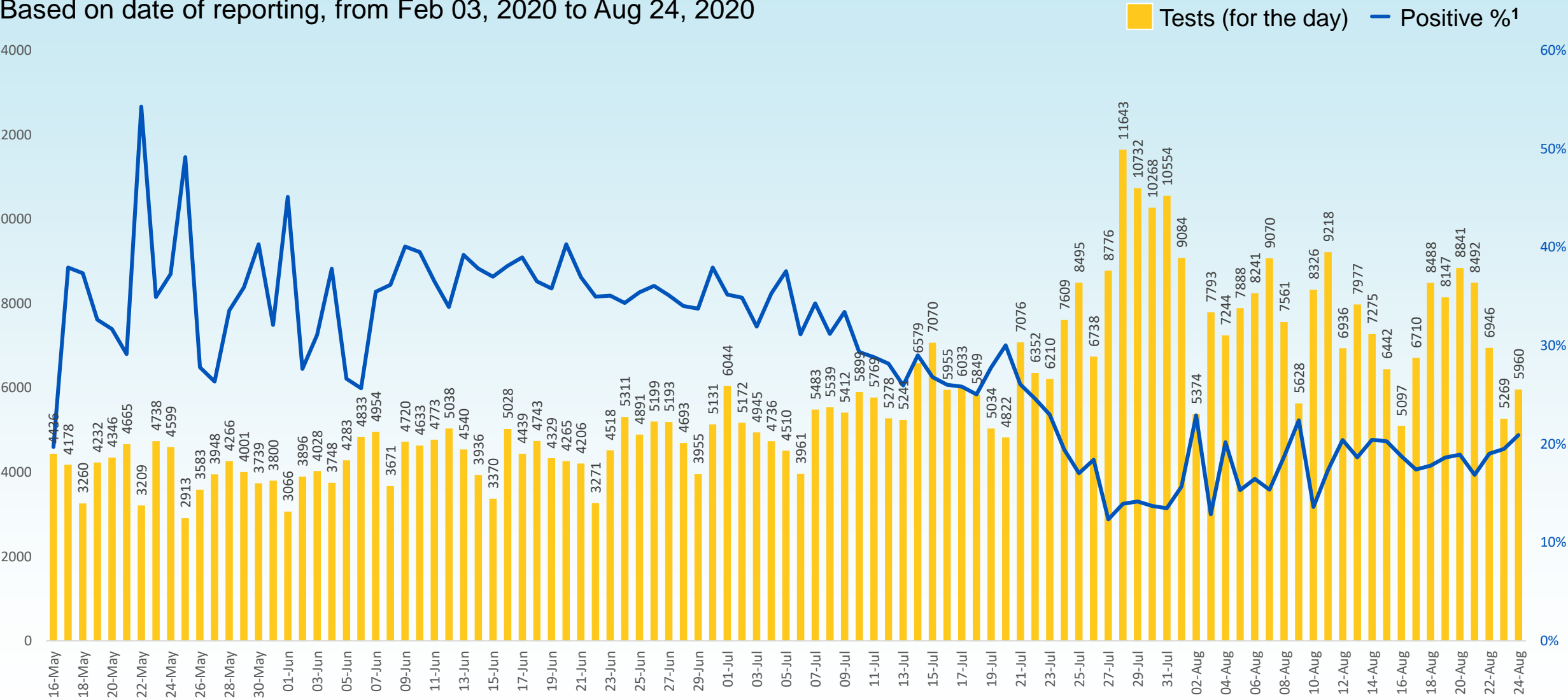
2 Total Positive cases (as per press release) as a % of total tests conducted

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

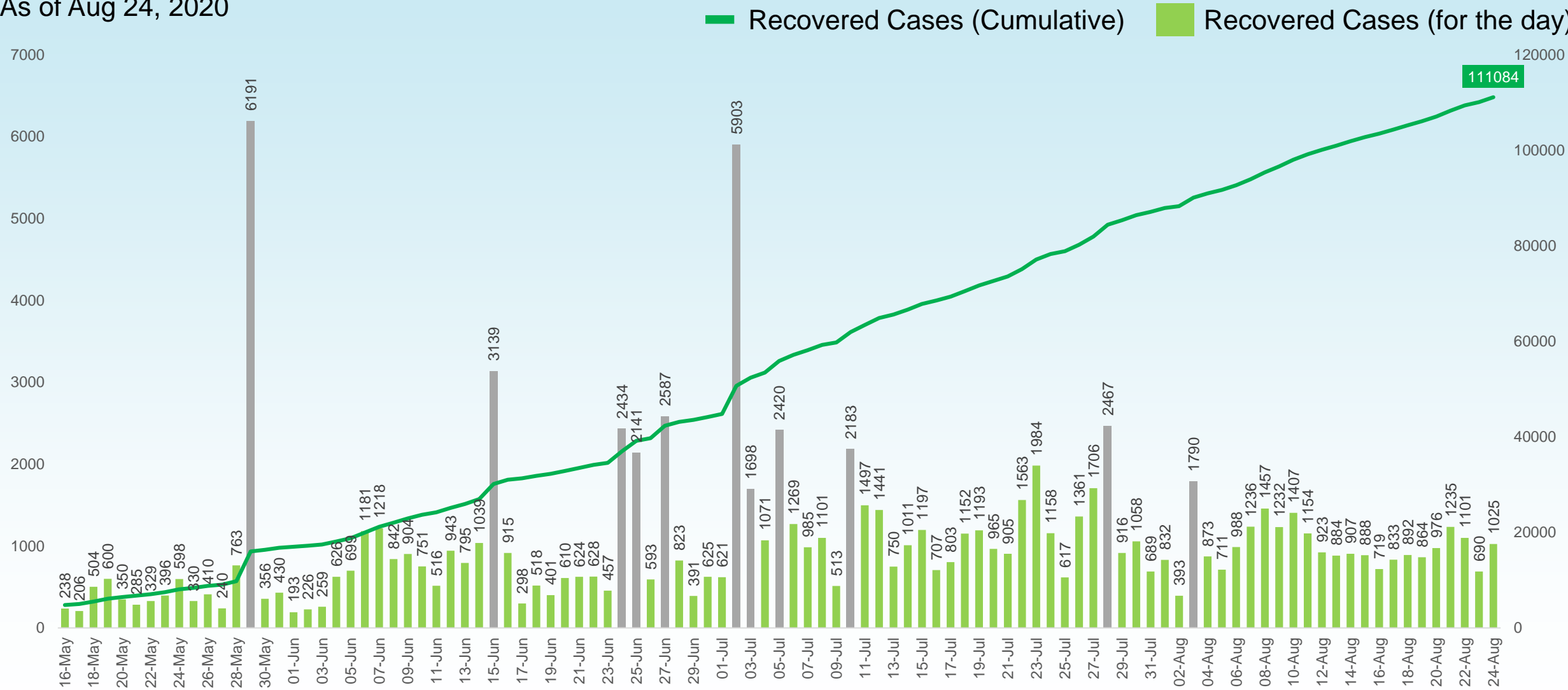
Based on date of reporting, from Feb 03, 2020 to Aug 24, 2020



¹Positive samples for the day as a % of total tests for the day;
 Positive Samples include duplicates with ICMR (~20%) and Out of Mumbai Cases (2%)
 Source: Covid-19 daily update by the Public Health Department, BMC

Trend of Recovered Cases

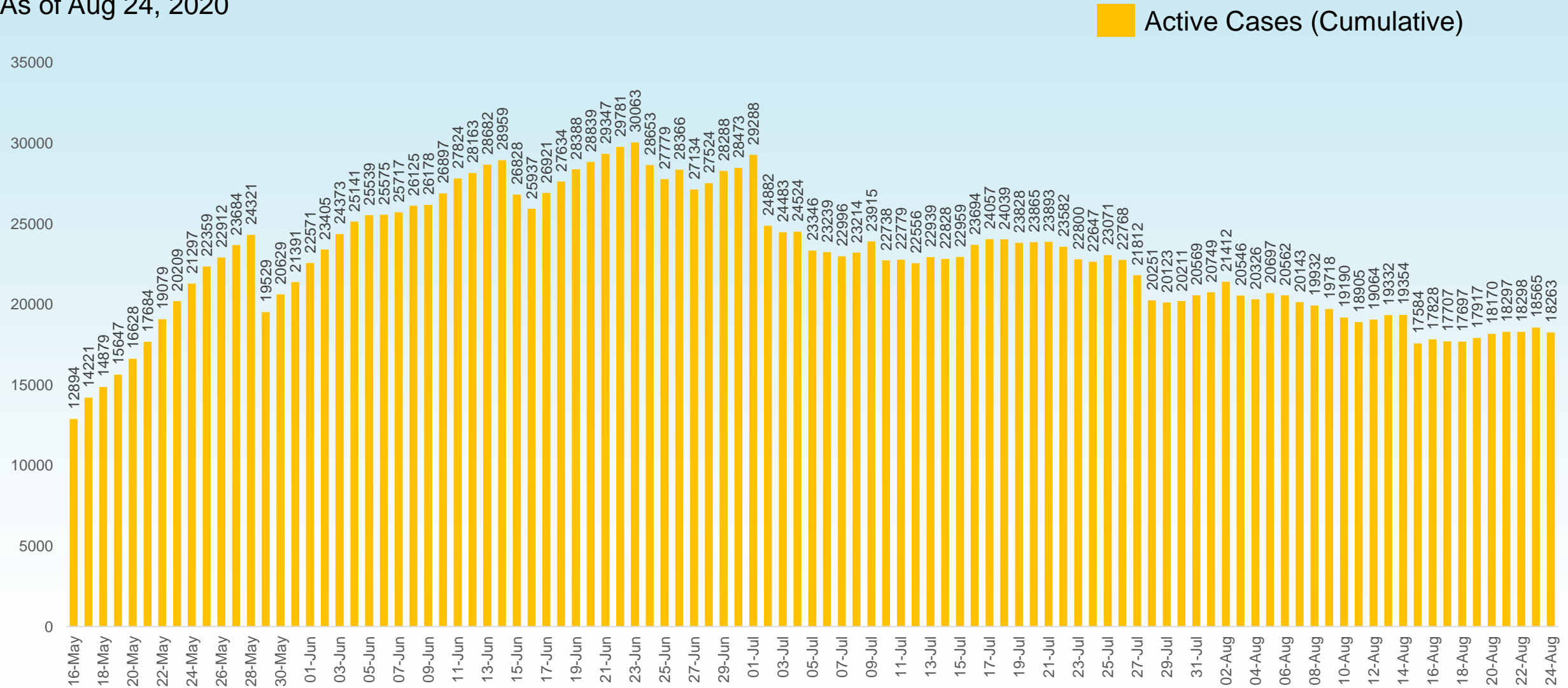
As of Aug 24, 2020



¹Spikes refer to reconciliation and updation for previous days

Trend of Active Cases

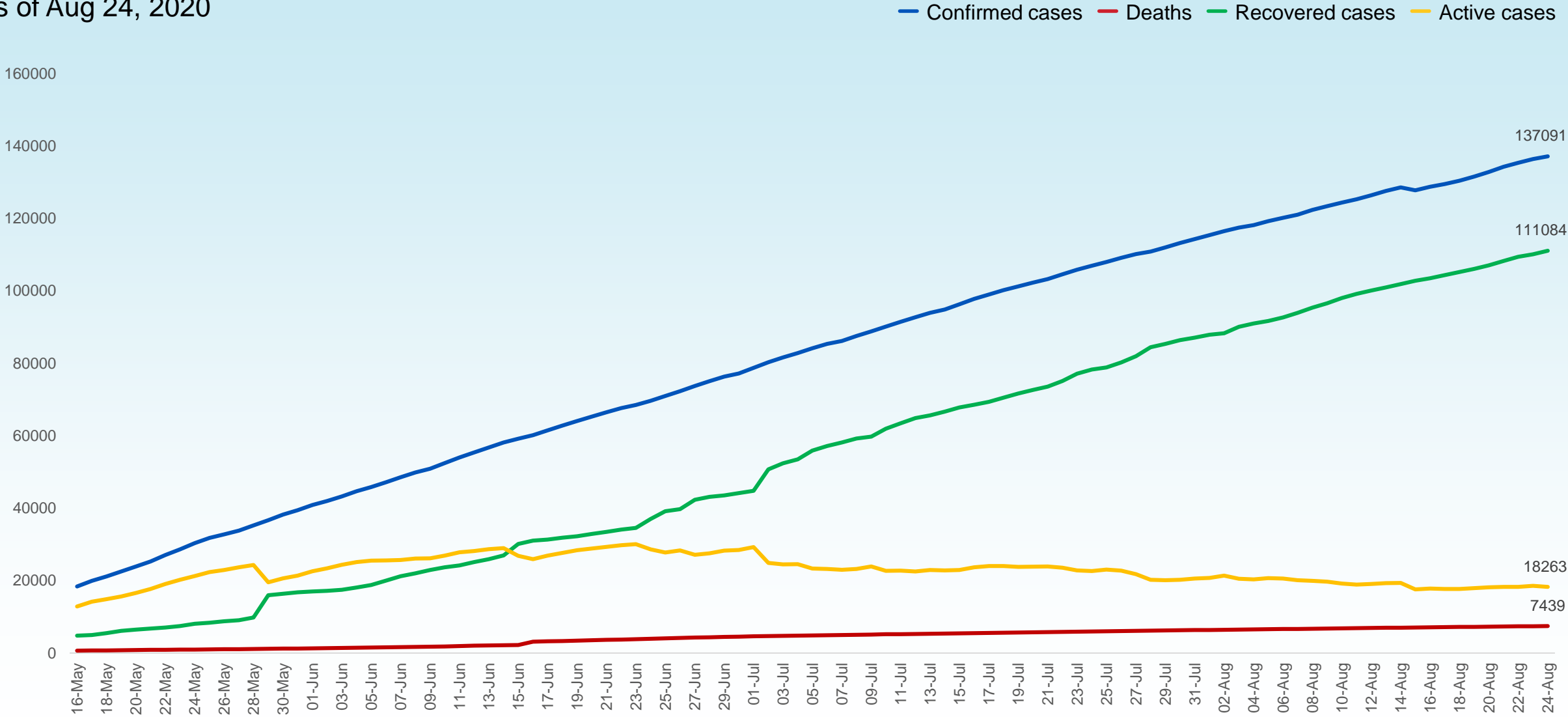
As of Aug 24, 2020





Case summary for Mumbai

As of Aug 24, 2020





Key Trends

Contact tracing and home quarantine

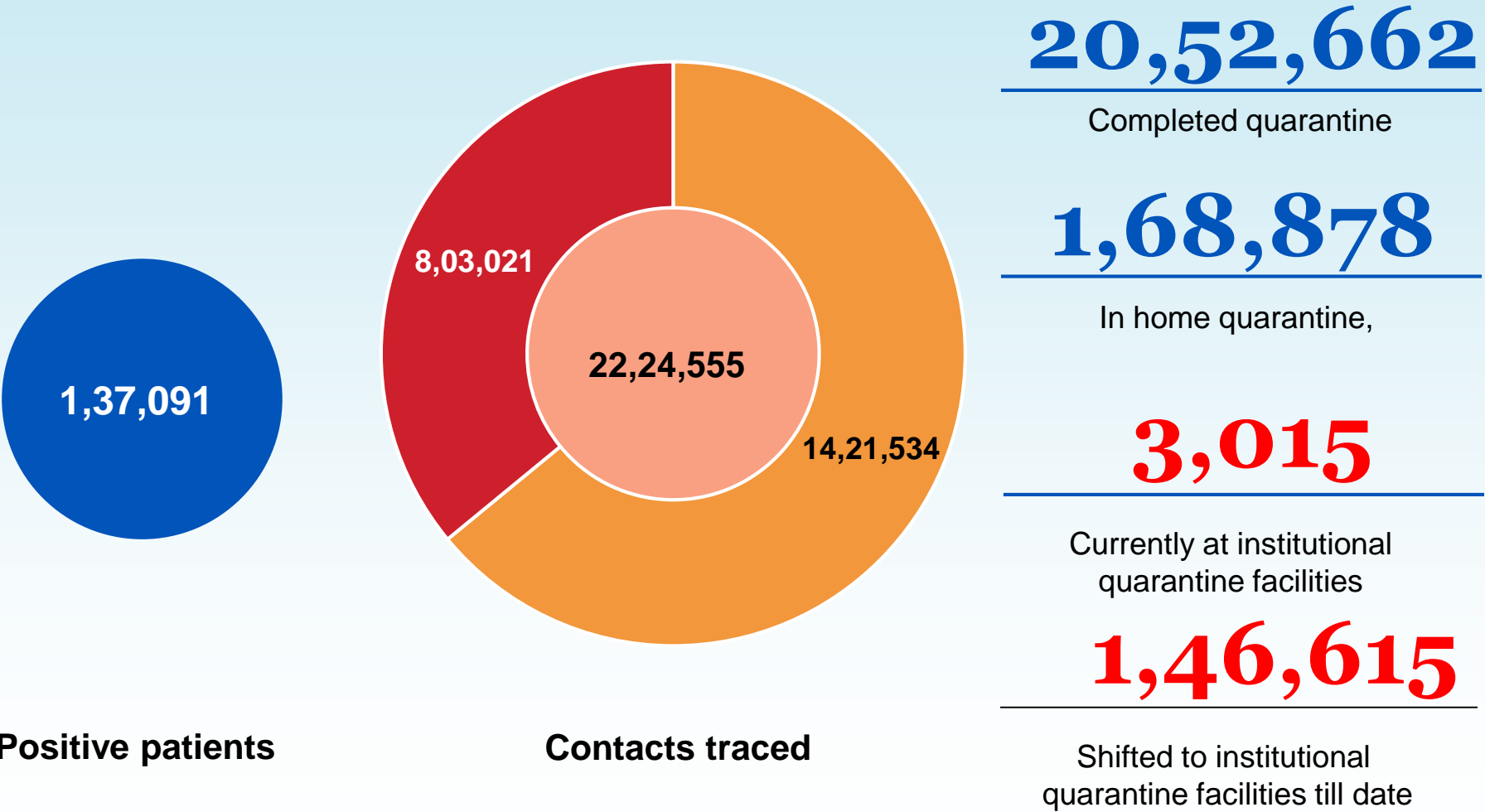
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Update on contact tracing

Summary as of Aug 24, 2020

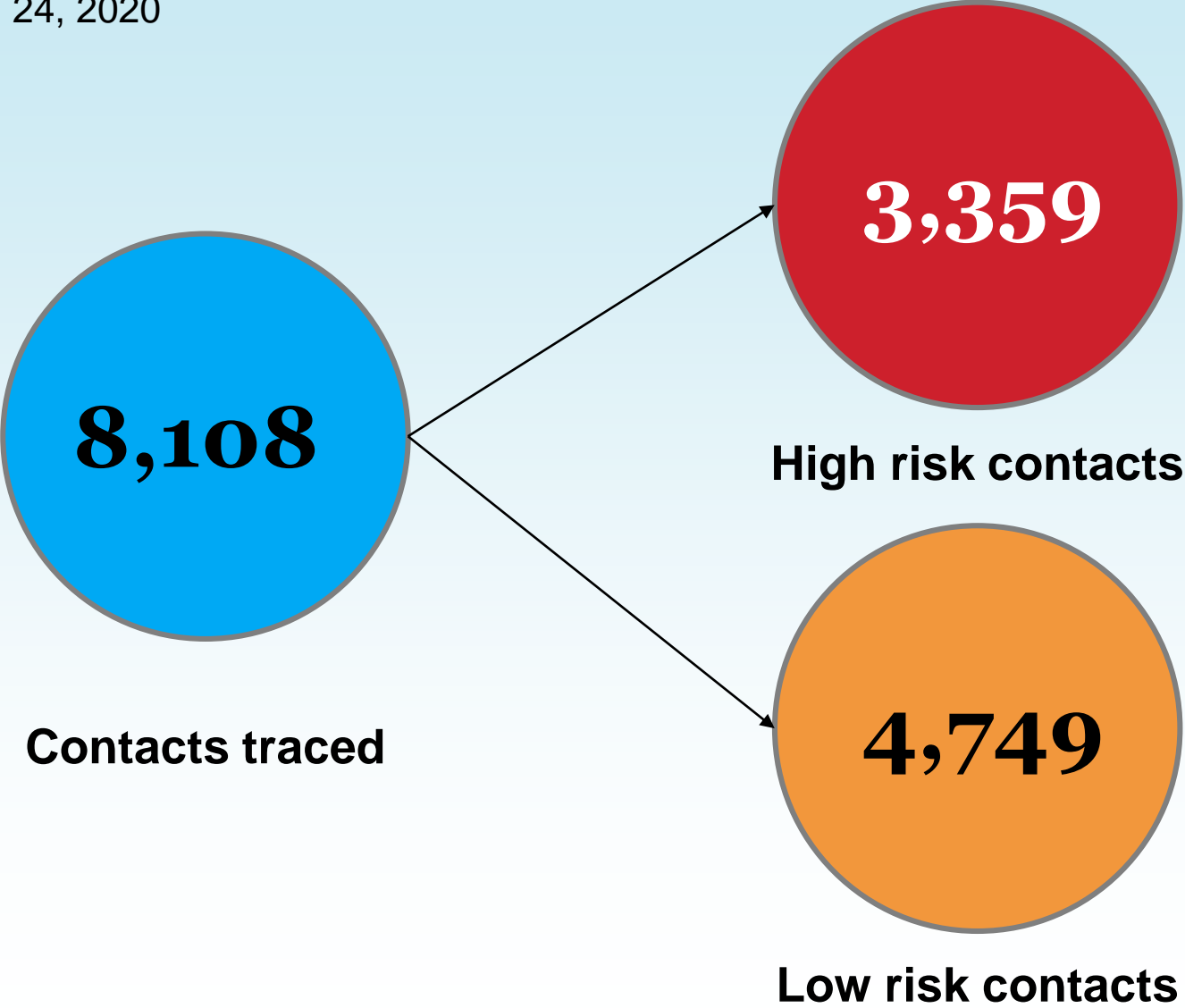


■ Positive patients **Positive patients**
■ Total contacts traced
■ High risk ■ Low risk

Source: Quarantine numbers from BMC Contact Tracing Report as on Aug 24, 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Contact tracing report for last 24 hours

Summary as of Aug 24, 2020



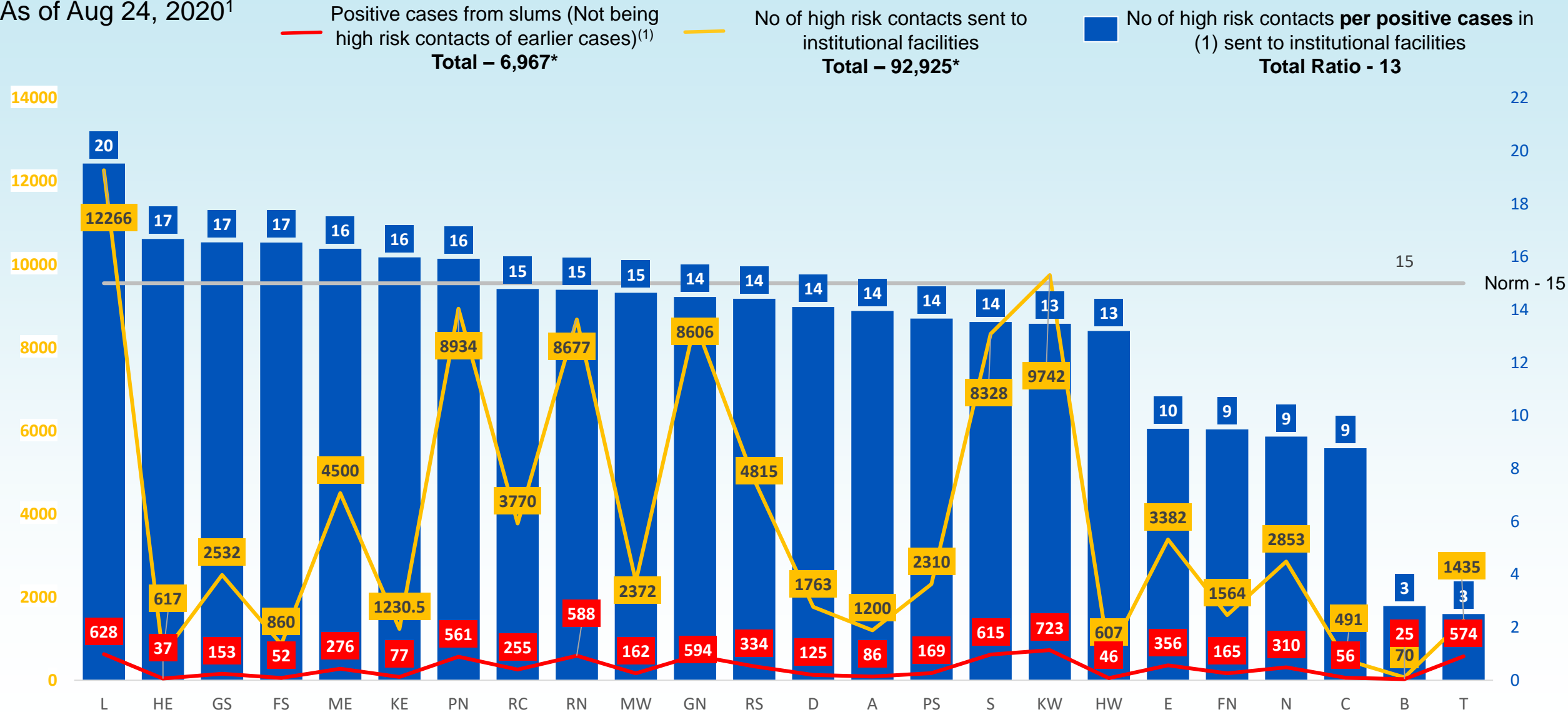
Source: Quarantine numbers from BMC Contact Tracing Report as on Aug 24 2020; shift to Institutional facilities from "CCC1 and CCC2 Facilities"

Data subject to change after scrutiny and ongoing verification process



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

As of Aug 24, 2020¹



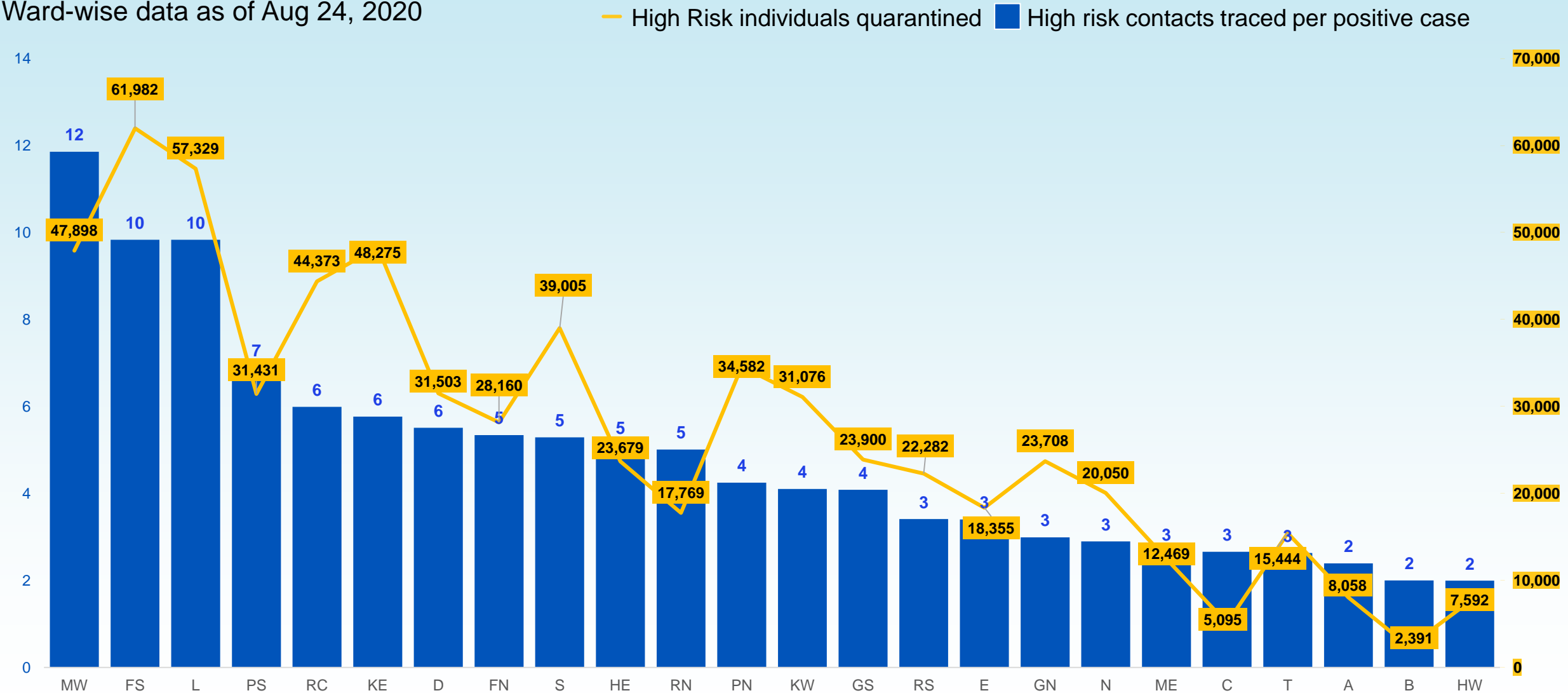
¹ Data since June 03, 2020; Source – Operation – Chase the virus

Data subject to change after scrutiny and ongoing verification process

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

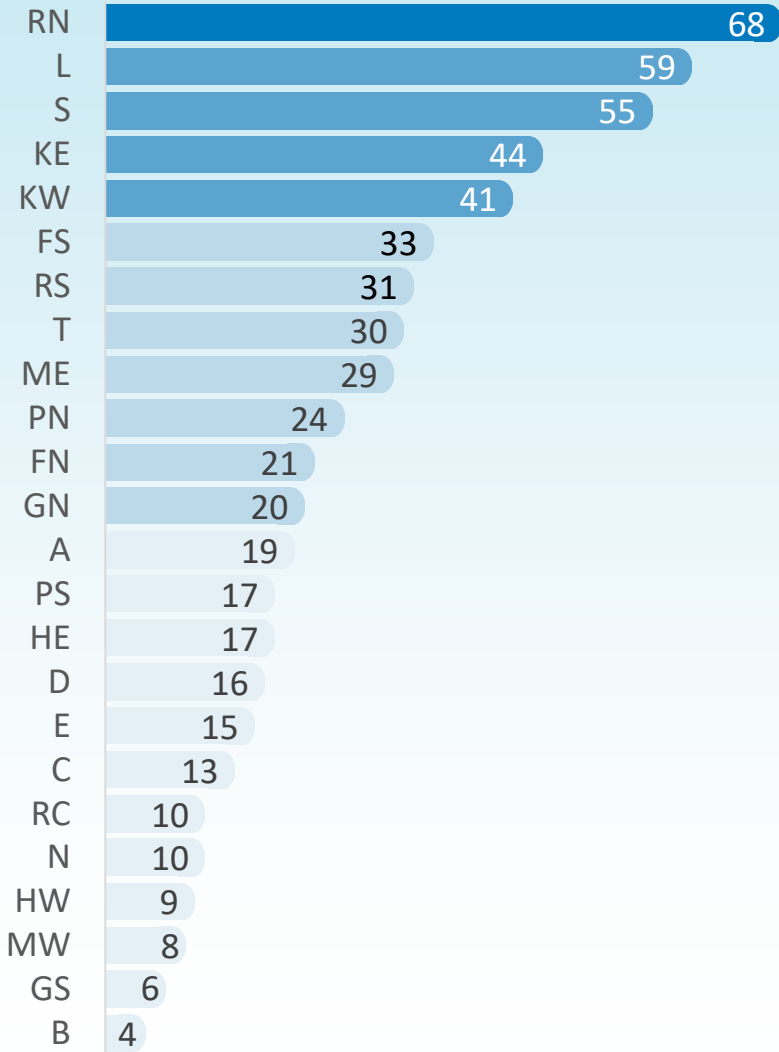
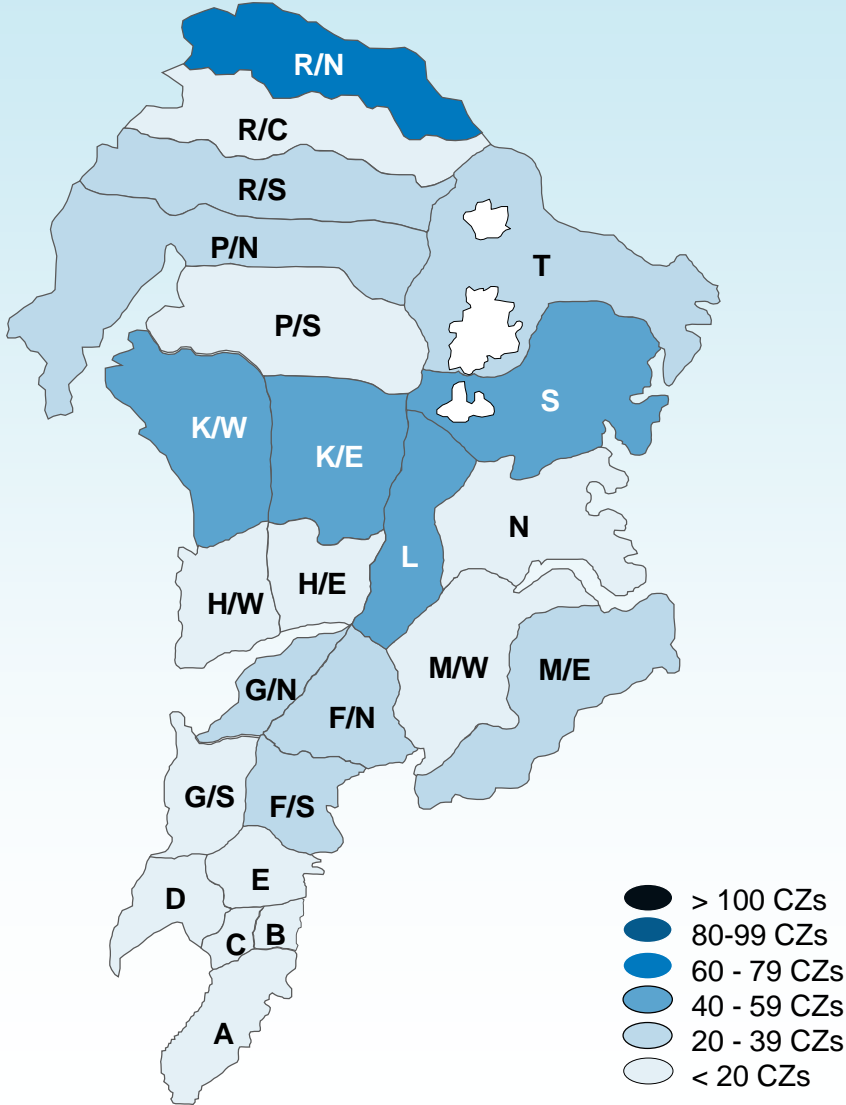


Ward-wise data as of Aug 24, 2020



Ward-wise containment zones – slums and chawls

As of Aug 24, 2020



599 *Active*
 Containment Zones

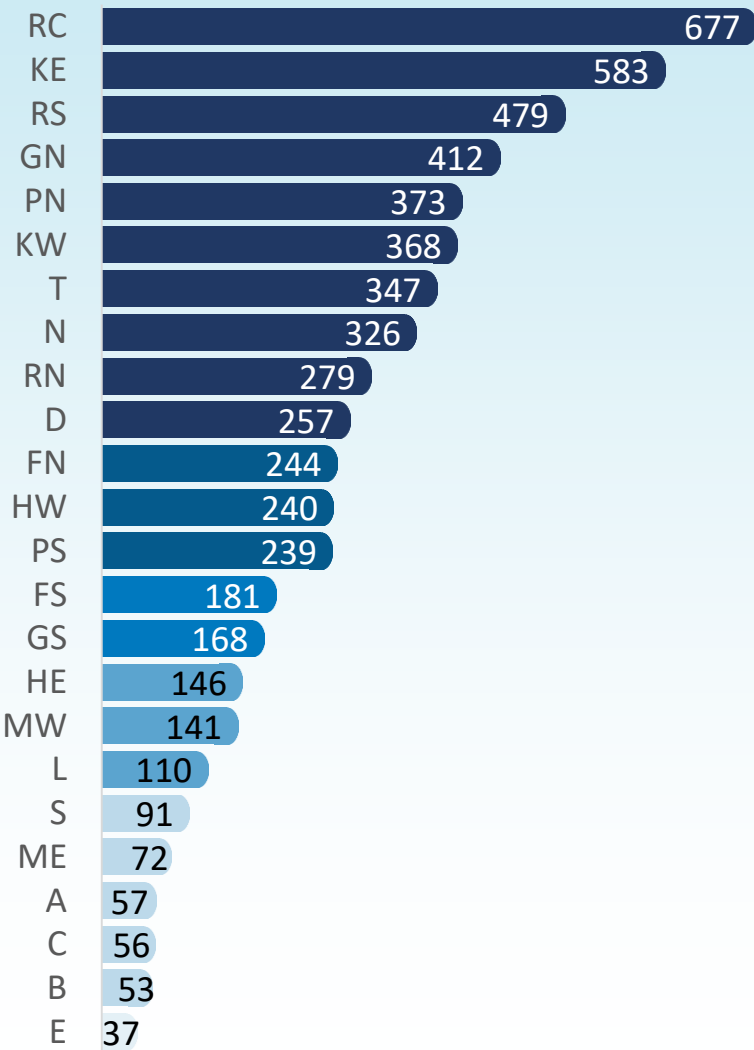
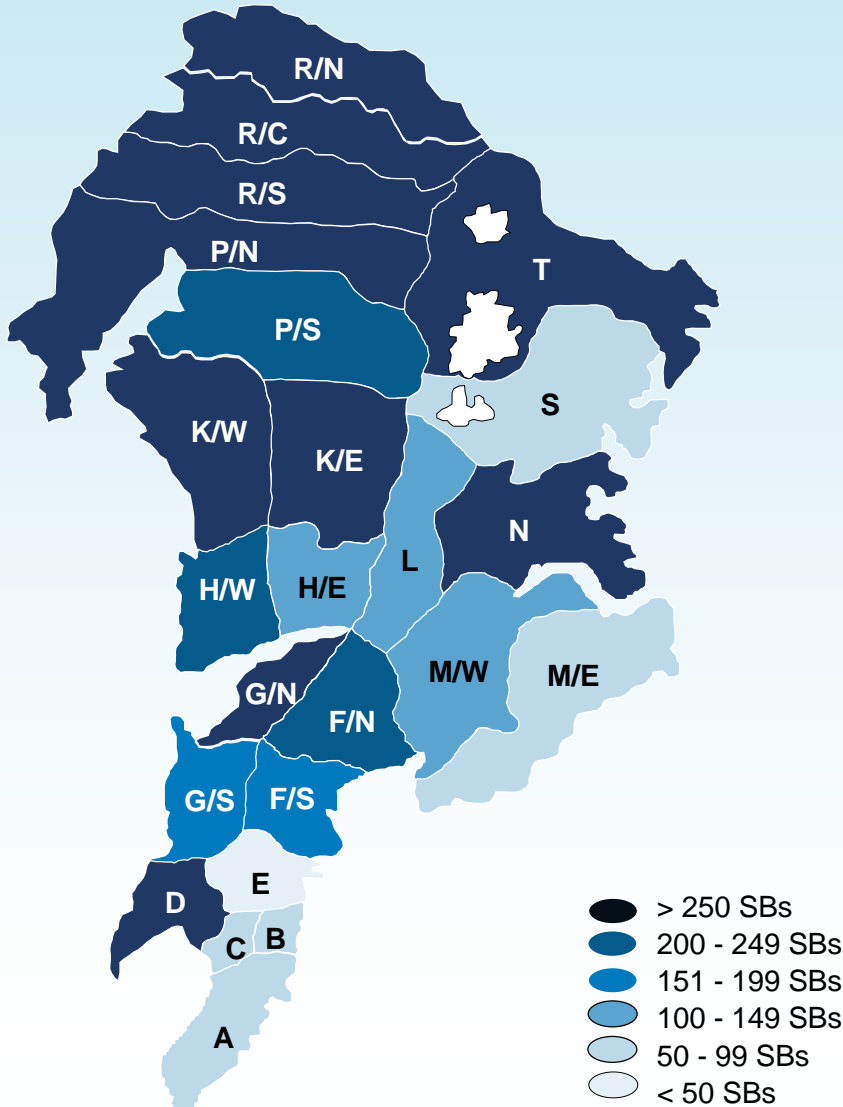
8.2 *lacs*
 No. of Households

36.4 *lacs*
 Population

922 *Released*
 Containment Zones

Ward-wise sealed buildings

As of Aug 24, 2020



5,936
Active

Sealed Buildings

2.2
lacs

No. of Households

8.2
lacs

Population

20,284
Released

Sealed Buildings



Key Trends

Contact tracing and home quarantine

Status of COVID19 Positive Cases

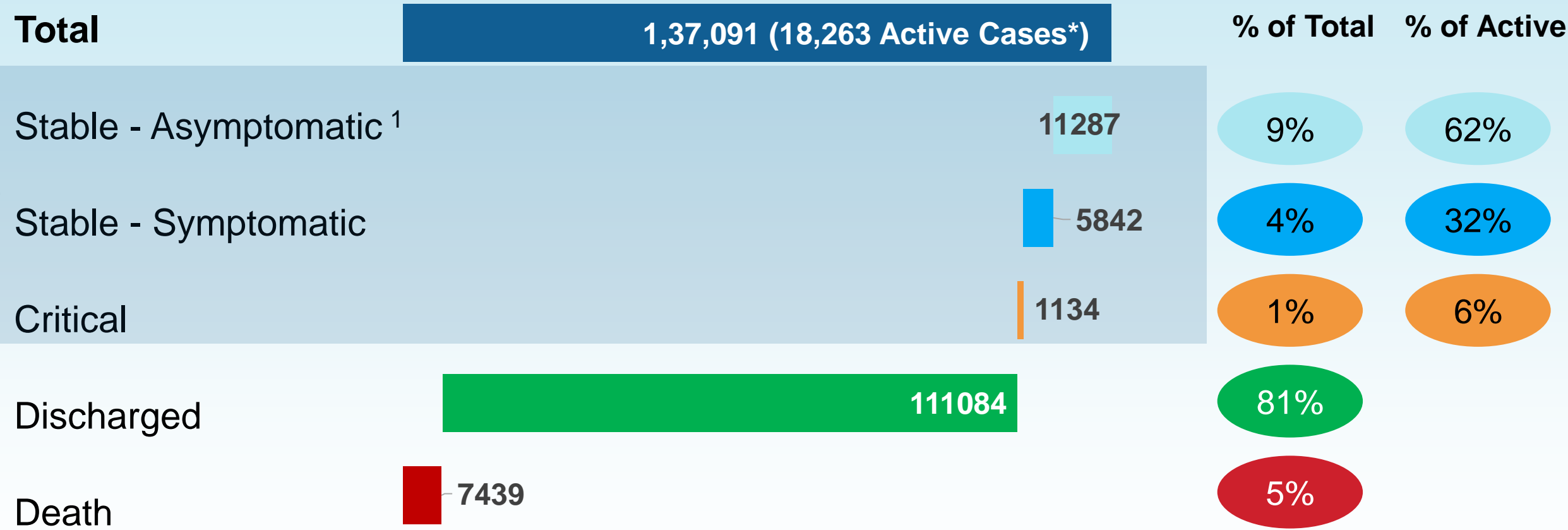
Bed Capacity

Other initiatives



Case summary for Mumbai

As of Aug 24, 2020



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

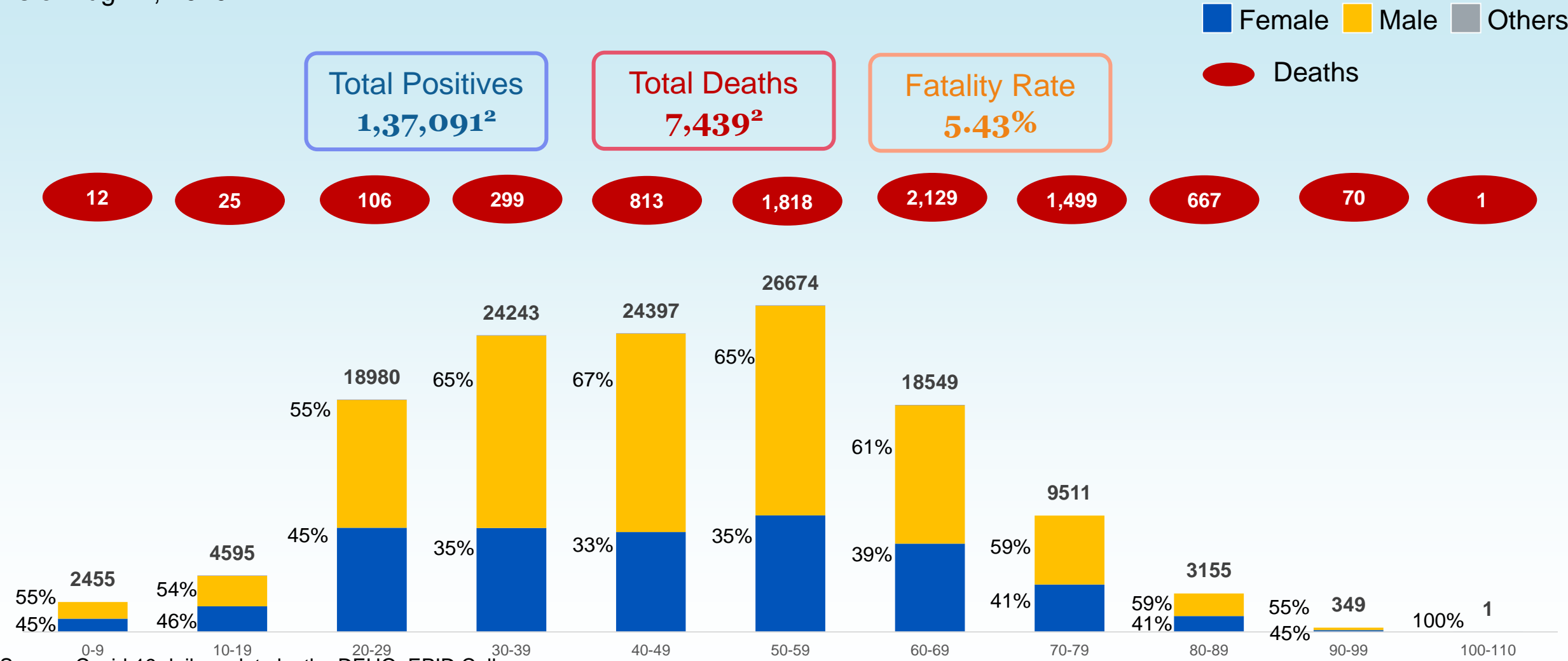
1 As per NCDC ICMR Report, Hospitalized status report (after deducting critical patients) has been considered as Symptomatic; Home Isolation and CCC2 has been considered as Asymptomatic; Difference between the total cases and the above classifications (5,245 cases) has been added to "Stable – Asymptomatic" 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 24, 2020¹



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

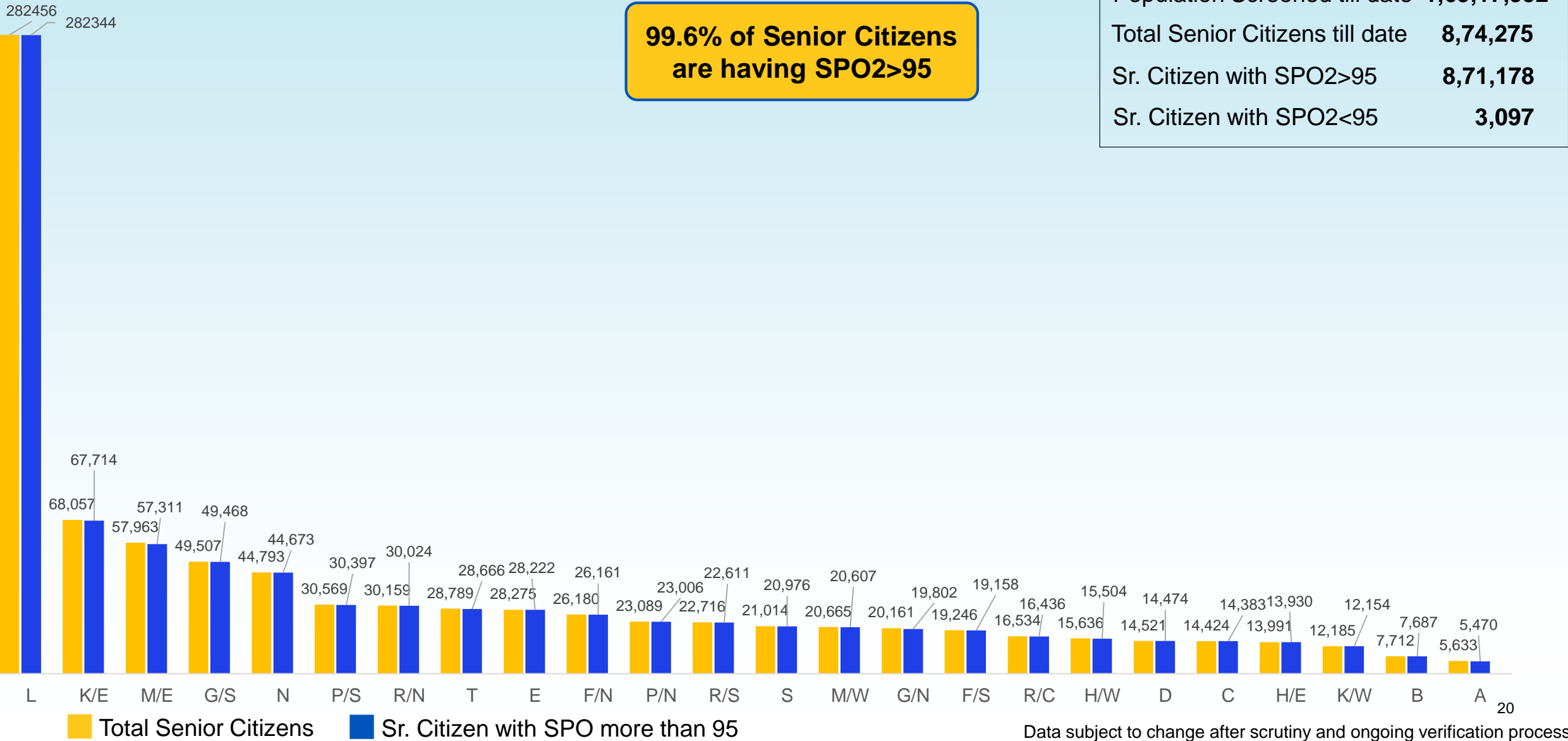
1 Total Age and sex-wise break up is available 1,32,909 cases; age-wise breakup of deaths available for 7,439 cases

2 As on Aug 24



Proactive screening of elderly to protect them and contain mortality

Ward-wise data(progressive) till Aug 24, 2020



Proactive screening of elderly to protect them and contain mortality

Ward-wise data for Aug 24, 2020

Wards	Total No. of Houses Surveyed	Population Covered	Total No. of Senior Citizens	Sr Citizen SPO2>95	* Sr Citizen SPO2<95
Total (Daily)	30,703	115,250	5,036	5,031	5
H/W	424	1,537	79	77	2
D	425	1,878	141	140	1
R/C	275	900	26	25	1
M/E	704	2,587	271	270	1
A	390	1,544	11	11	0
B	418	1,657	46	46	0
C	282	1,305	18	18	0
E	1,071	3,972	200	200	0
F/S	676	2,720	51	51	0
F/N	0	0	0	0	0
G/S	2,853	10,601	0	0	0
G/N	0	0	0	0	0
H/E	351	1,455	110	110	0
K/E	2,624	8,323	498	498	0
K/W	500	1,941	63	63	0
P/S	611	2,193	46	46	0
P/N	2,039	8,169	178	178	0
R/S	3,268	12,325	109	109	0
R/N	5,003	17,045	143	143	0
L	4,118	17,097	1,592	1,592	0
M/W	1,070	3,884	196	196	0
N	2,269	9,507	1,046	1,046	0
S	1,091	3,700	148	148	0
T	241	910	64	64	0

Summary till date

1,69,17,992

Total Population covered till date

8,74,275

Senior Citizens covered till date

8,71,178

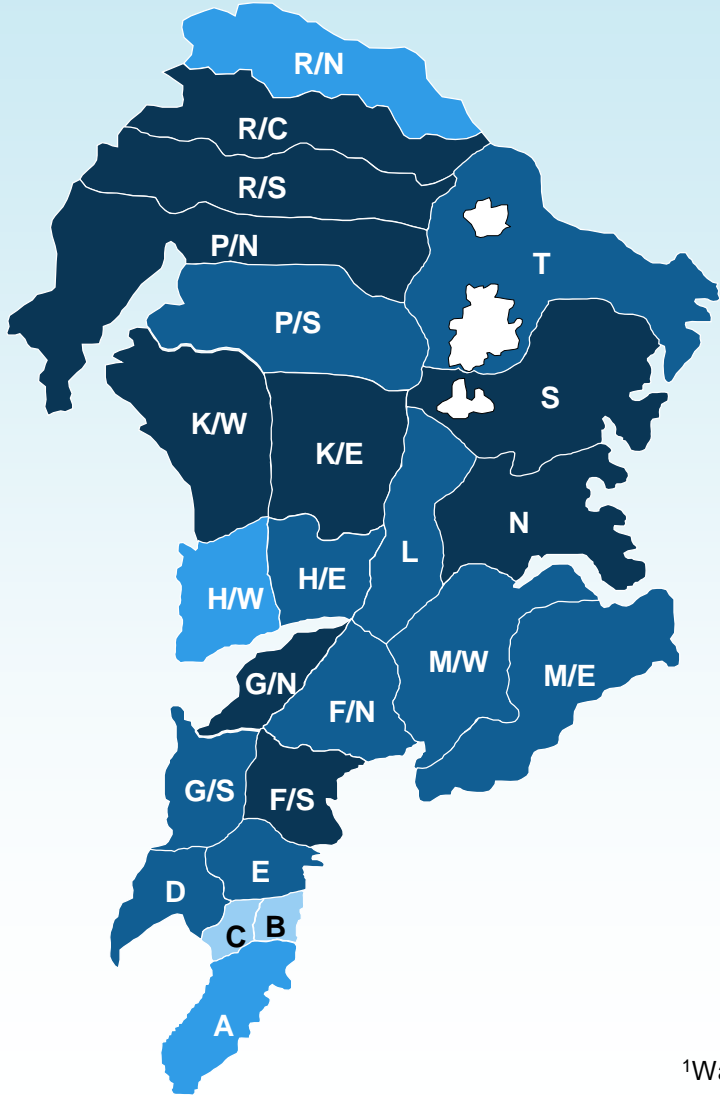
Senior Citizens with SPO2>95
till date

3,097

Senior Citizens with SPO2<95
till date

Ward-wise breakdown of positive cases

As of Aug 24, 2020



KE	8405
PN	8179
GN	7959
KW	7644
RC	7469
S	7383
N	6957
RS	6594
FS	6328
T	5895
GS	5882
L	5846
D	5748
E	5420
FN	5295
ME	4707
HE	4649
PS	4591
MW	4054
HW	3820
RN	3569
A	3382
C	1930
B	1202

7119	522	764
7060	354	765
6528	489	942
6379	314	951
5835	264	1370
6150	461	772
5932	400	625
5346	216	1032
5339	360	629
4986	168	741
4962	401	519
4819	438	589
4684	232	832
4385	292	743
4395	299	601
3857	311	539
3767	353	529
3672	235	684
3333	293	428
3033	189	598
2807	149	613
2819	71	492
1592	101	237
957	90	155
109756	7002	16150

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

Total Positives
1,37,091¹

Total Active
16,150¹

Active = Positive – Discharges – Death

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

¹Ward-wise breakup is available for 1,32,908 cases (16,150 Active), Total

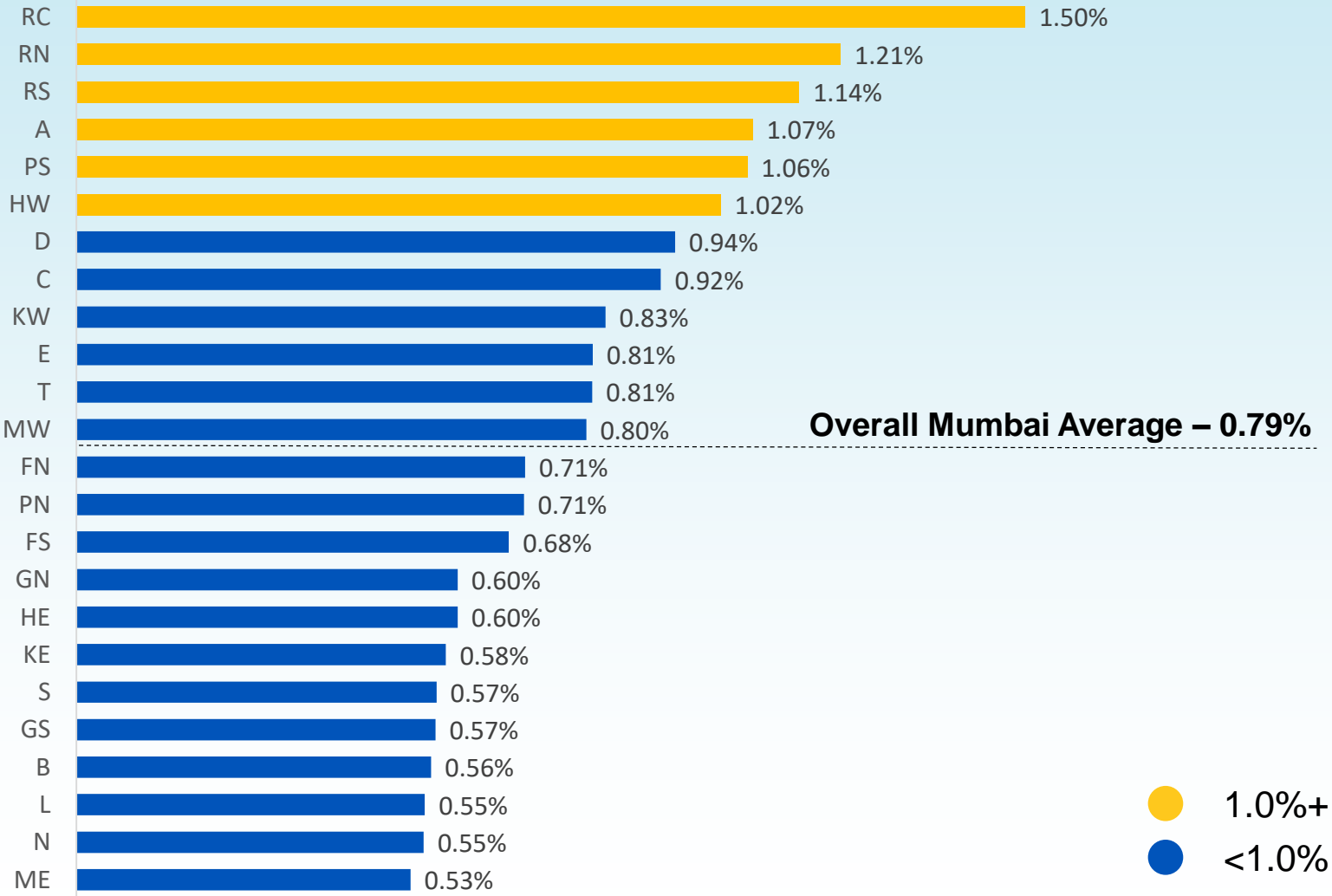
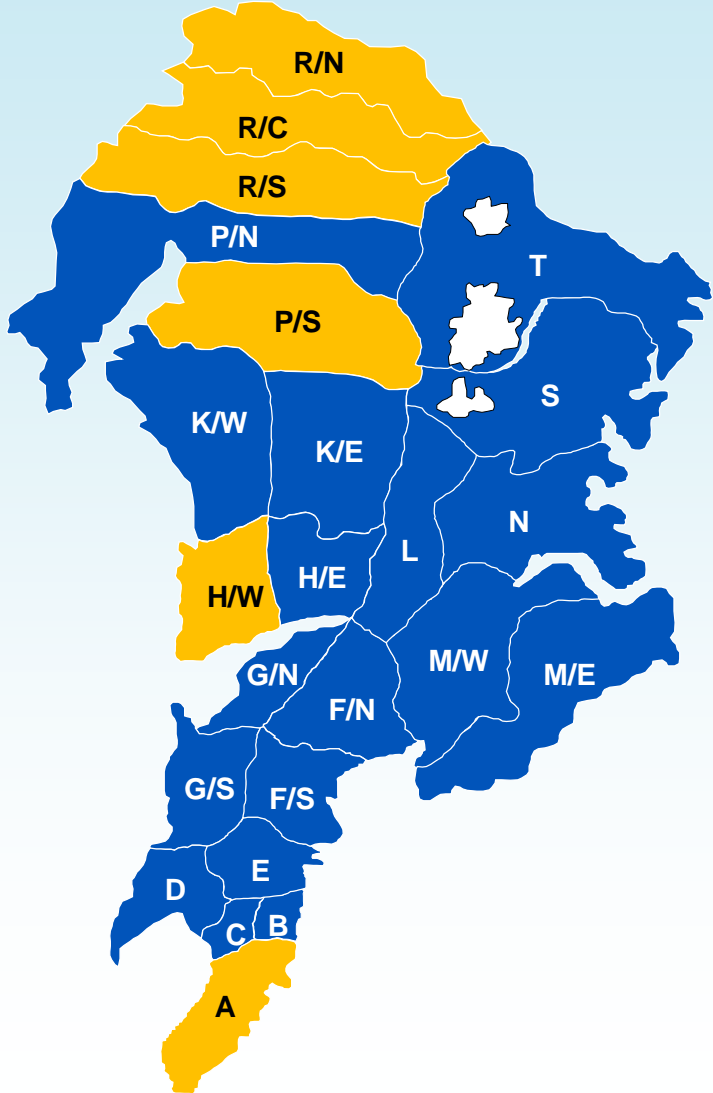
²Discharges as on Aug 24, Available for 1,09,756 cases,

³Deaths as on Aug 24, Available for 7,002 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 24, 2020



Ward-wise new cases

Positive cases for the last 7 days till Aug 24, 2020¹

Date of report	RC	RN	RS	A	PS	HW	D	C	KW	E	T	MW	FN	PN	FS	GN	HE	KE	S	GS	B	L	N	ME	Grand Total
Area>>>	Borivali	Dahisar	Kandivali	Colaba	Goregaon	Bandra	Grant Road	Marine Lines	Andheri W	Byculla	Mulund	Chembur W	Matunga	Malad	Parel	Dadar	Khar	Andheri E	Bhandup	Elphinstone	Sandhurst Road	Kurla	Ghatkopar	Chembur E	
As on 17th Aug	6732	3282	6091	3140	4265	3559	5382	1810	7212	5121	5570	3833	5040	7786	6034	7632	4458	8070	7096	5654	1156	5626	6696	4537	125782
18-Aug	83	36	68	28	37	30	56	7	49	28	64	25	22	58	32	28	18	36	42	33	4	28	37	11	860
19-Aug	79	53	58	30	34	38	63	18	58	51	39	31	31	51	66	76	31	52	41	33	5	32	49	31	1050
20-Aug	161	48	84	27	43	39	65	13	61	71	42	42	51	44	54	71	35	65	38	37	3	45	39	22	1200
21-Aug	147	54	102	45	77	54	56	27	96	54	52	40	50	80	34	47	45	73	57	24	10	35	33	32	1324
22-Aug	129	51	70	52	51	32	49	17	63	40	45	46	28	61	42	41	20	45	57	42	12	37	31	24	1085
23-Aug	77	24	59	43	50	50	45	25	35	30	53	24	49	64	42	31	29	29	40	30	5	28	37	20	919
24-Aug	61	21	62	17	34	18	32	13	70	25	30	13	24	35	24	33	13	35	12	29	7	15	35	30	688
As on 24th Aug	7469	3569	6594	3382	4591	3820	5748	1930	7644	5420	5895	4054	5295	8179	6328	7959	4649	8405	7383	5882	1202	5846	6957	4707	132908
Days to double	47	58	61	65	66	69	74	76	83	86	86	87	98	99	102	116	116	119	122	123	124	126	127	132	88

Wards <= 65 days to double

- Ward RC ➤ Ward A
- Ward RN
- 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 Aug 24, 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

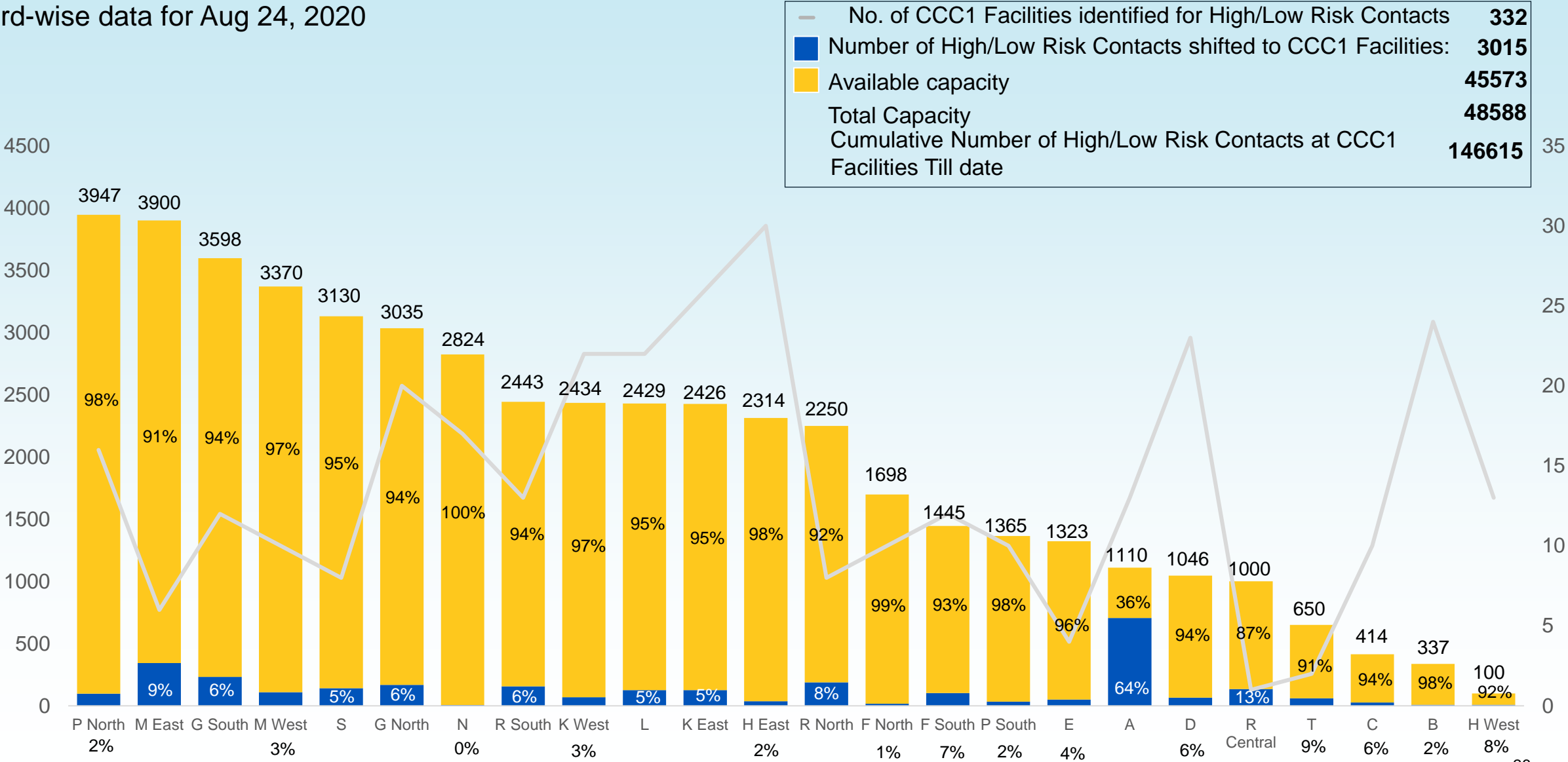
Bed Capacity

Other initiatives



Ward-wise bifurcation of CCC1 facilities

Ward-wise data for Aug 24, 2020



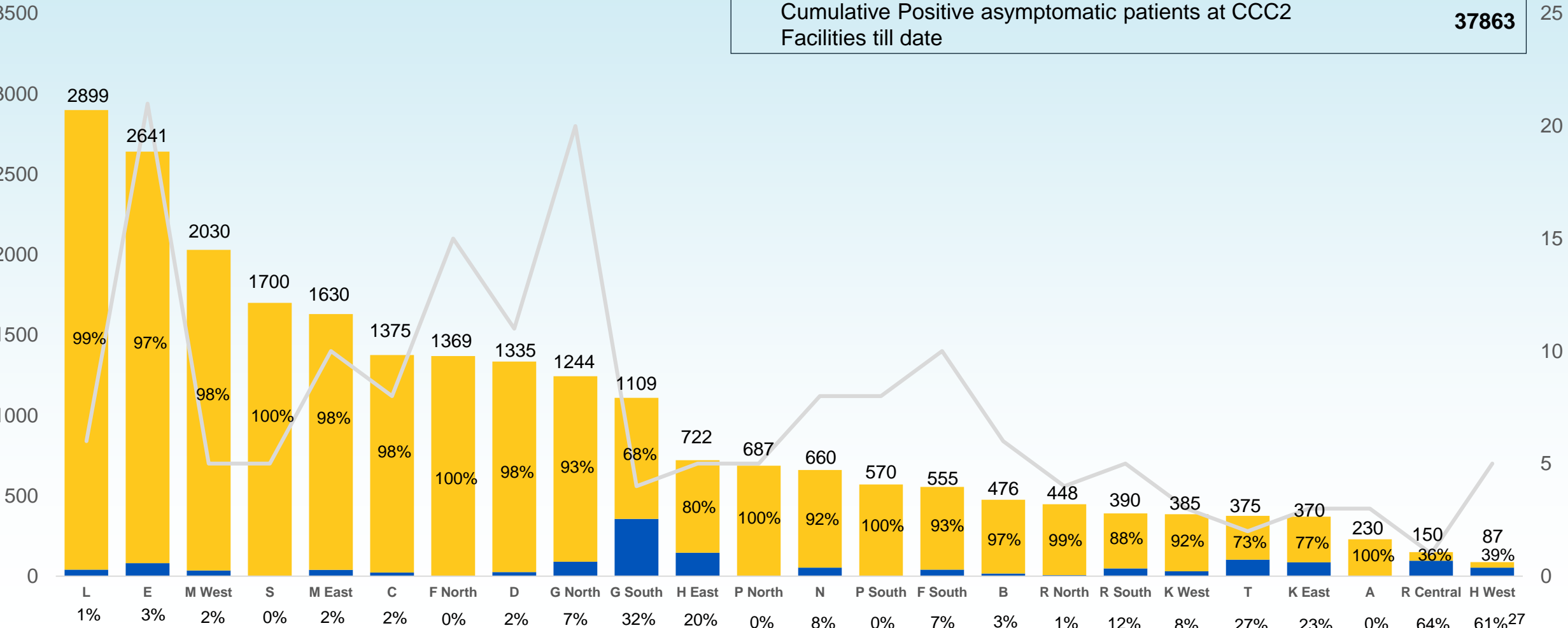
Source: CCC1 and CCC2 facilities excel maintained by war-room coordinators



Ward-wise bifurcation of CCC2 facilities

Ward-wise data for Aug 24, 2020

No. of CCC2 Facilities Identified for Positive Asymptomatic Patients	173
Number of positive asymptomatic patients shifted to CCC2 Facilities	1369
Available capacity	22068
Total Capacity	23437
Cumulative Positive asymptomatic patients at CCC2	37863
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 24, 2020

Beds occupied	1006
Available capacity	2840
Total capacity	3846
Cumulative patients till date	34165

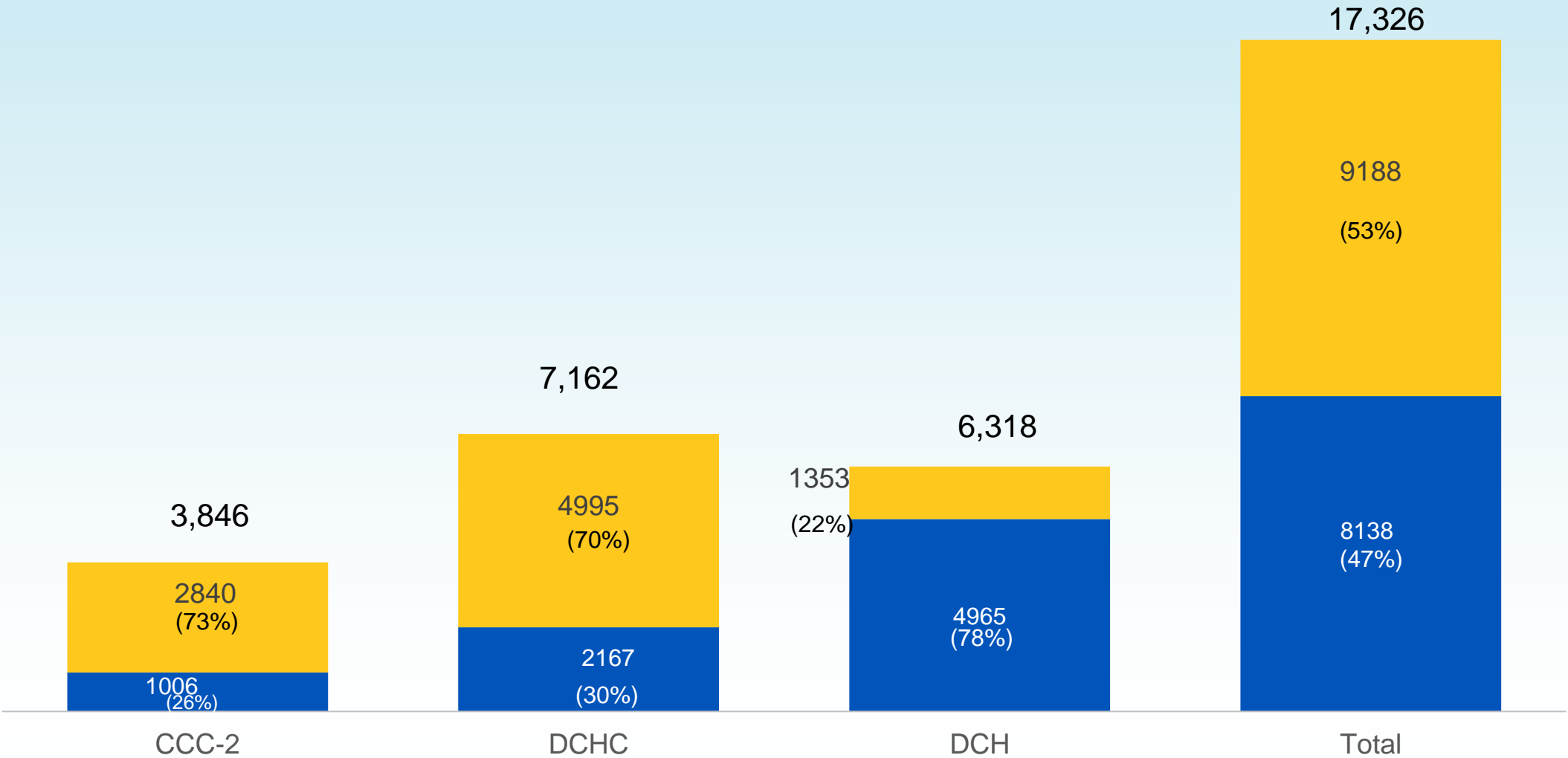


Source: "CCC2 line list"

Summary of total bed capacity

As of Aug 24, 2020

On bed patients Available capacity



Source: At a glance facilities & DMU dashboard

Covid19 Bed Management

Data as on 02:00 PM, Aug 25, 2020 , Subject to change

Covid Beds	Capacity	Occupancy	Vacancy
Total	13,480	7,132	6,348
ICU Beds	1,435	1,196	239
Regular	1,391	1,166	225
Modular	10	9	1
Pediatric ICU	12	6	6
Neonatal ICU	22	15	7
Normal Beds	12,045	5,936	6,109
Quarantine for Suspect	996	506	490
Isolation for Positives	10,592	5,233	5,359
Pregnancy	290	70	220
Others (Cancer + Dialysis)	167	127	40
<i>O2 Beds*</i>	8,905	4,536	4,369
<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 25, 2020 , Subject to change

			COVID Beds				
			Total	ICU Beds	Normal Beds	O2 Beds*	Ventilators*
Capacity	Total		13,480	1,435	12,045	8,905	913
	Public	Hospitals	5,098	651	4,447	2,934	516
		Jumbo	6,067	244	5,823	4,507	120
	Pvt	Hospitals	2,315	540	1,775	1,464	277
Occupancy	Total		7,132	1,196	5,936	4,536	770
	Public	Hospitals	3,510	597	2,913	2,212	477
		Jumbo	1,751	107	1,644	1,180	34
	Pvt	Hospitals	1,871	492	1,379	1,144	259
Vacancy	Total		6,348	239	6,109	4,369	143
	Public	Hospitals	1,588	54	1,534	722	39
		Jumbo	4,316	137	4,179	3,327	86
	Pvt	Hospitals	444	48	396	320	18

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



Key Trends

Contact tracing and home quarantine

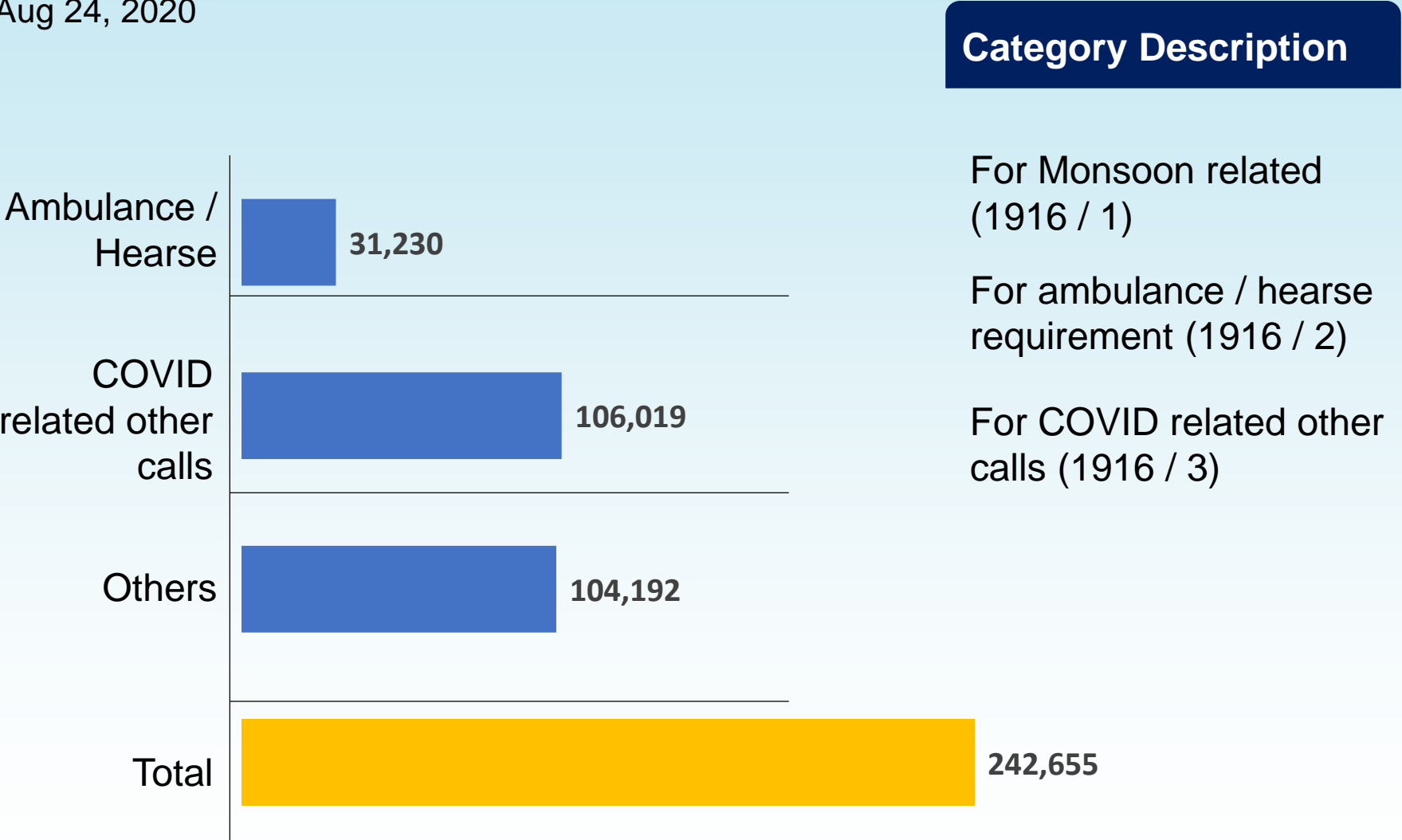
Status of COVID19 Positive Cases

Bed Capacity

Other initiatives

Call Center update

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



Management of Waste from Quarantined Areas

August 23, 2020



Waste Collected (in Kgs)

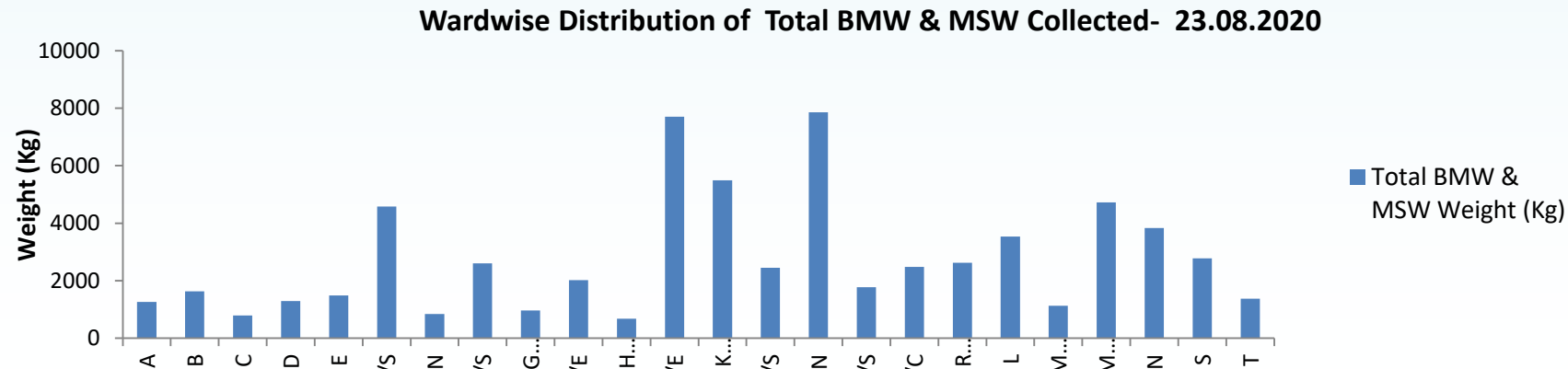
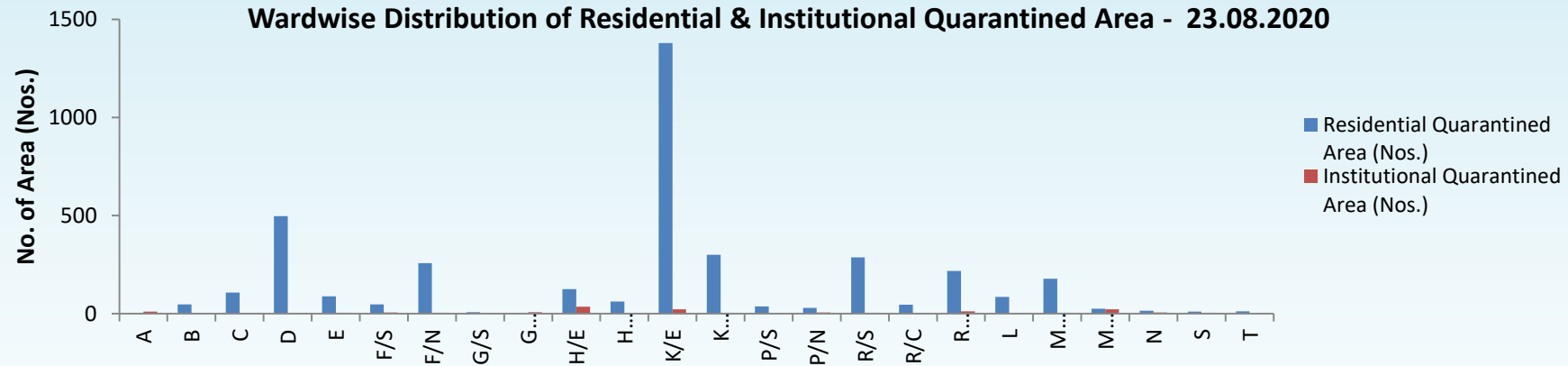
COVID BMW (in Kgs)
11,020

MCGM Quarantine BMW (in Kgs)
3398

Total BMW (in Kgs):
14,418.0

Total MSW Collected by MCGM from Quarantined Area (in Kgs):
70,460.0

Total MSW & BMW Collected by MCGM from Quarantined Area(in Kgs): **84,878**



Thank you

