

















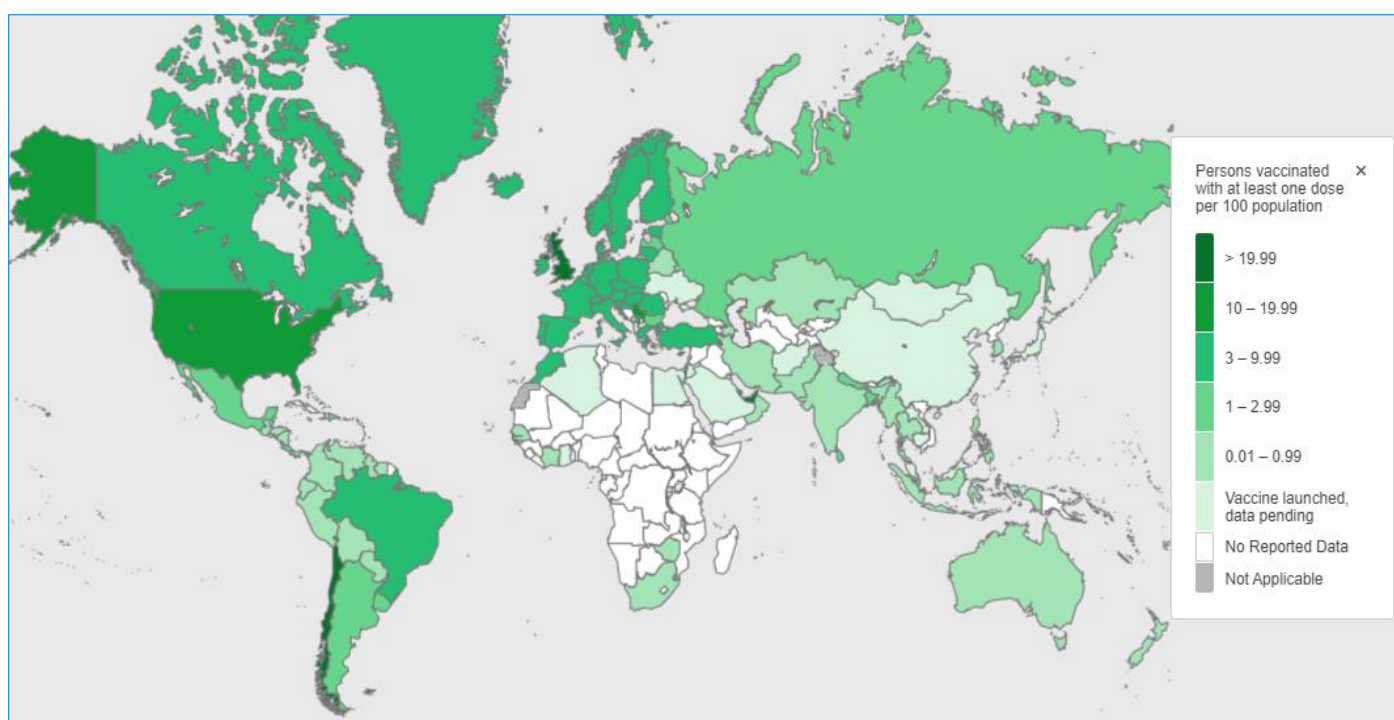
Tested	Confirmed Cases	Recovered	Death	Hotline
 4,146,205	 550,330	 503,003	 8,462	 23.8 million
Test/100,000/Week	Case/100,000/Week	Recovery Rate	CFR%	AR/100,000
60.0	2.4	91.4%	1.54	323
Lab/Centres	Number	Tests	PPE Stock	PoE Screening
RT PCR Lab	: 118	4,109,608	 795,192	 1,295,561
GeneXpert Lab	: 29	26,015		
Rapid Antigen	: 72	10,582	 7,177,235	 71,321
Last week daily Test average: 14,597				
Vaccination			 249,062	 7,029
 24.4%	 36.1%	 1,689,189		
Coverage in Dhaka Metro	Female proportion			
Date Source: Directorate General of Health Services, MoHFW, Bangladesh				

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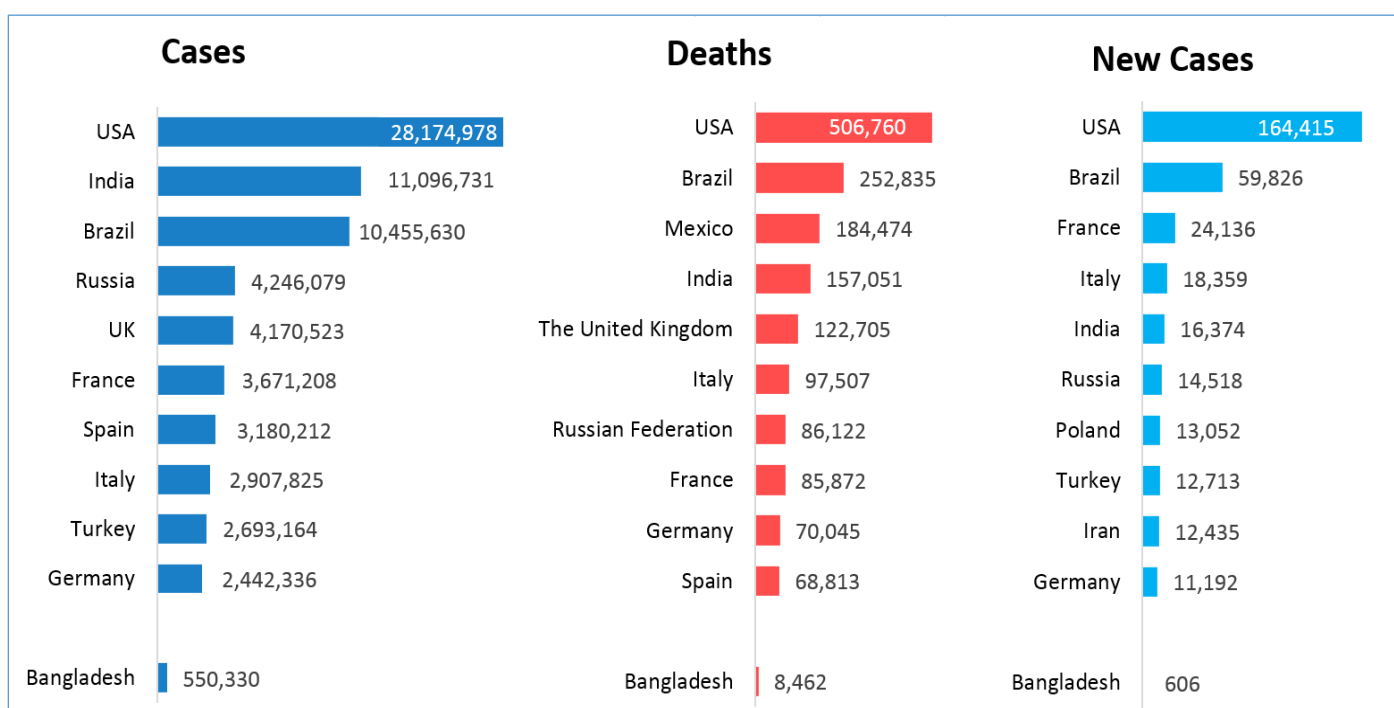
1. Global Situation

Globally, as of 7:03pm, 7 March 2021, there have been 116,135,492 confirmed cases of COVID-19, including 2,581,976 deaths, reported to WHO. As of 8 March 2021, a total of 349,398,519 vaccine doses have been administered all over the world. USA, the world's worst hit country, has counted **28,602,211** (133,475) cases with **519,075** (4,062) deaths; followed by India with **11,210,799** (18,711) cases; while Brazil reported the third highest cases of **10,869,227** (75495) and second highest deaths of **262,770** (1,800), death followed by Mexico **189,578** (712) at the same cut off time.

The figure below shows persons vaccinated for COVID-19 with at least 1 dose per 100 population, 07 March 2021



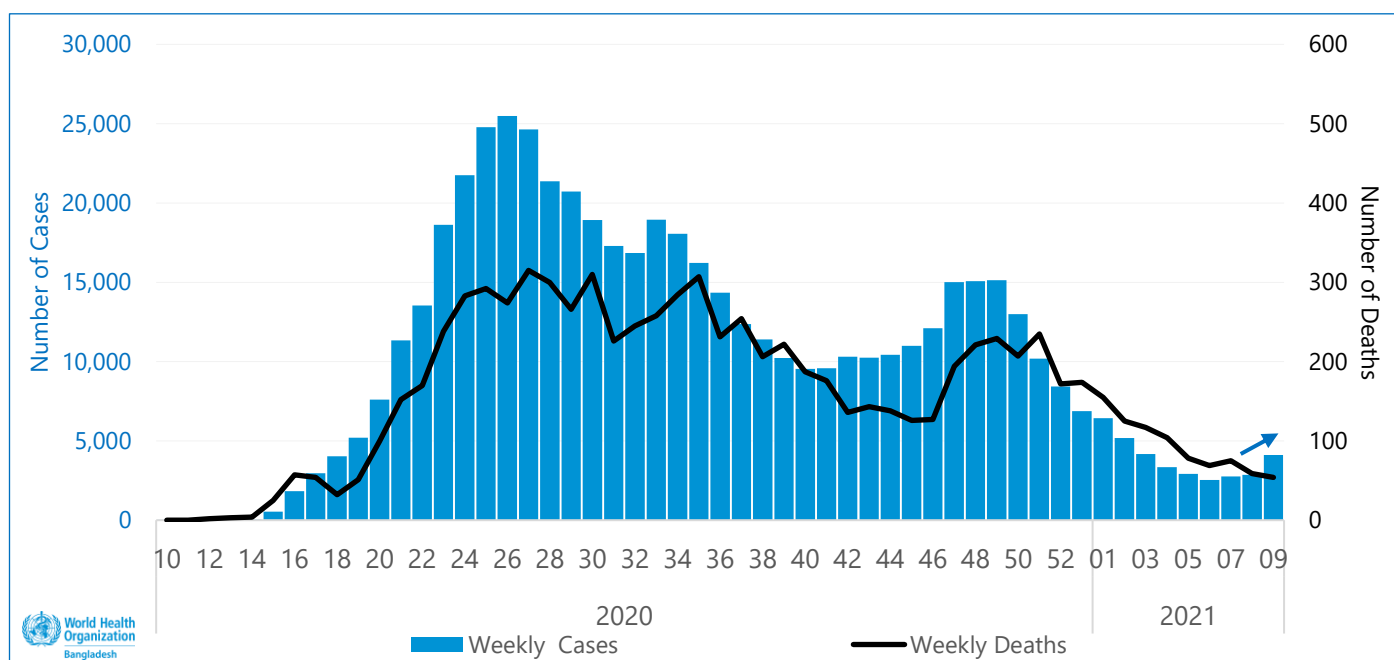
The figure below shows top ranked countries for total Cases, Deaths and New cases of COVID-19, 01 January 2020 – 07 March 2021



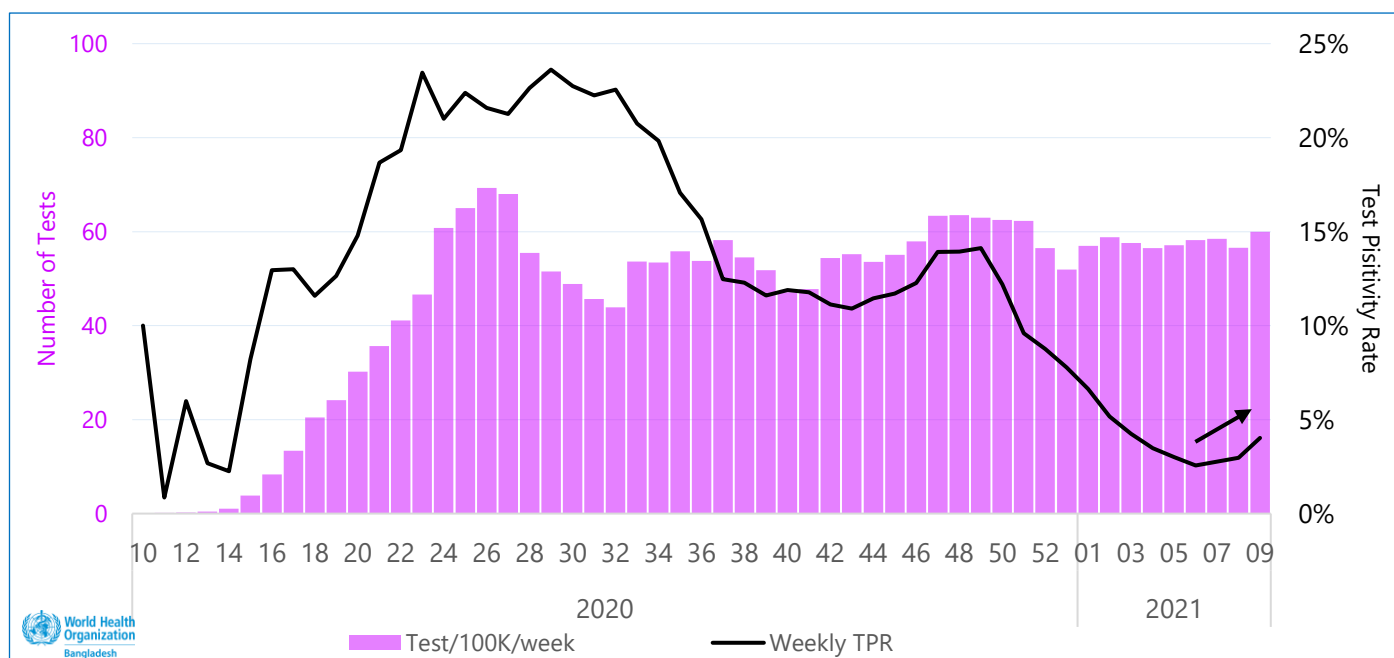
2. Bangladesh Situation

Between 8 March 2020 and 07 March 2021, according to the DGHS Press Release <<https://corona.gov.bd/press-release>> there were five hundred fifty thousand three hundred thirty (**550,330**) COVID-19 cases confirmed by rRT-PCR, GeneXpert and Rapid Antigen tests including eight thousand four hundred sixty-two (**8,462**) related deaths (**CFR 1.54**). Bangladesh is the top 33rd country in the world and accounts for **0.47%** of the COVID-19 cases of the world.

The figure below is showing **COVID-19 Cases and Deaths by week, 08 March 2020 – 07 March 2021, Bangladesh**



The figure below showing **COVID-19 Tests and Test positivity by week, 08 March 2020 – 07 March 2021, Bangladesh**

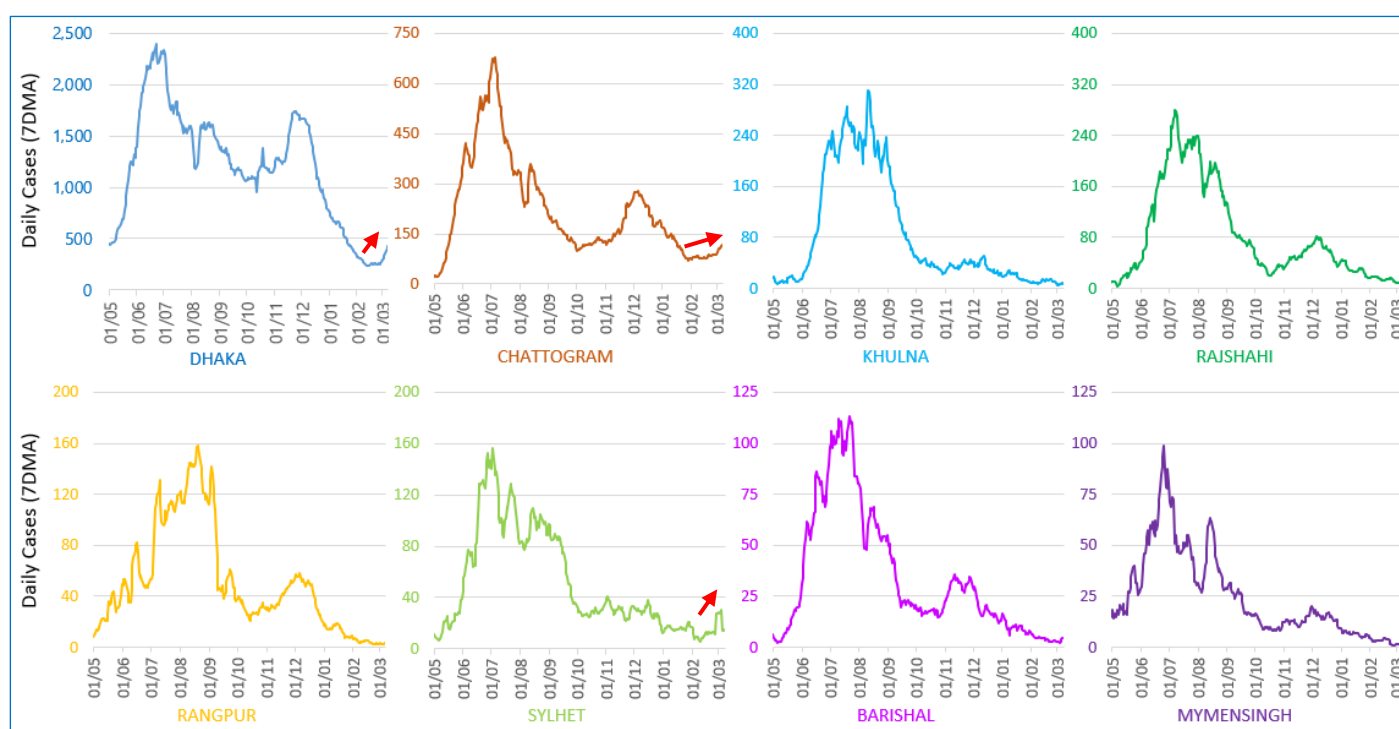


In the past week (epidemiological week 09, 2021), Bangladesh reported **4,114** new cases, an **increase** of **43.6%** compared to last week; case per 100,000 population per week is **2.4**. The country reported **54** new death, a **decrease** of **8.5%**; death per 100,000 per week is **0.03**. Weekly new test is **102,178**, weekly **increase** of **6.0%** (daily average: **14,597**); tests per 100,000 per week is **60.0**; weekly test positivity rate is **4.03%**, TPR **increase** by **35.4%** from last week. Overall Case Fatality Ratio (CFR) is **1.54** which was same in the last two weeks.

3. Surveillance & Laboratory

As of 07 March 2021, **68.8%** of reported cases were from **Dhaka** division (**56.9%** at Dhaka city), **12.7%** from **Chattogram**, **Khulna** – 4.7%, **Rajshahi** – 4.7%, **Rangpur** – 2.9%, **Sylhet** – 2.8%, **Barishal** – 2.0% and the lowest 1.4% from **Mymensingh** division. While, **55.9%** of the reported death were from **Dhaka** division (29.1% at Dhaka city), 18.6% from **Chattogram**, **Khulna** – 6.6%, **Rajshahi** – 5.6%, **Rangpur** – 4.3%, Sylhet – 3.7%, **Barishal** – 3.0% and the lowest 2.3% from **Mymensingh** division.

The figure below shows COVID-19 daily Cases by division, 01 MAY 2020 – 07 MAR 2021, Bangladesh

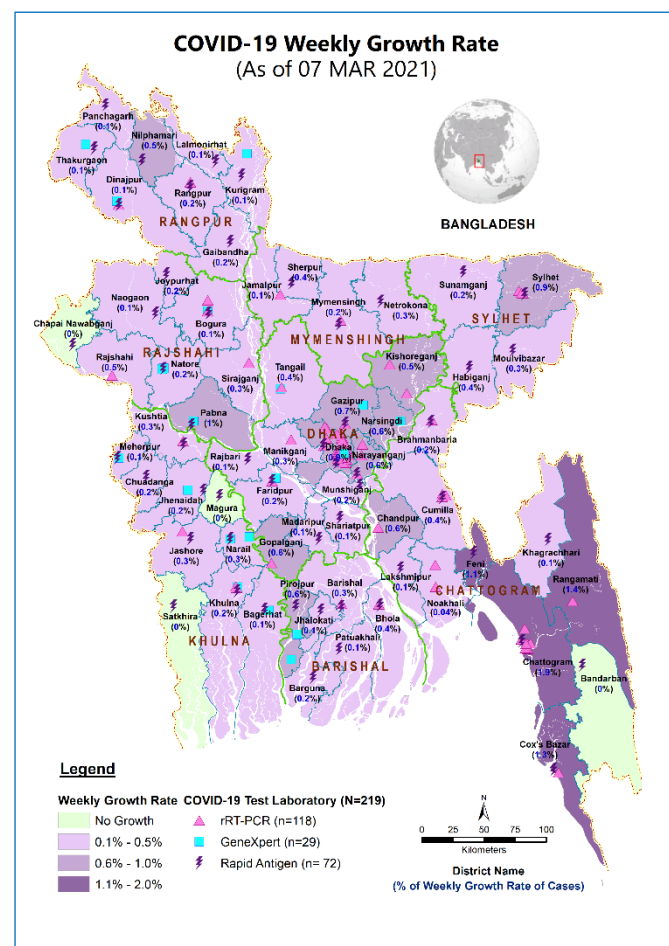
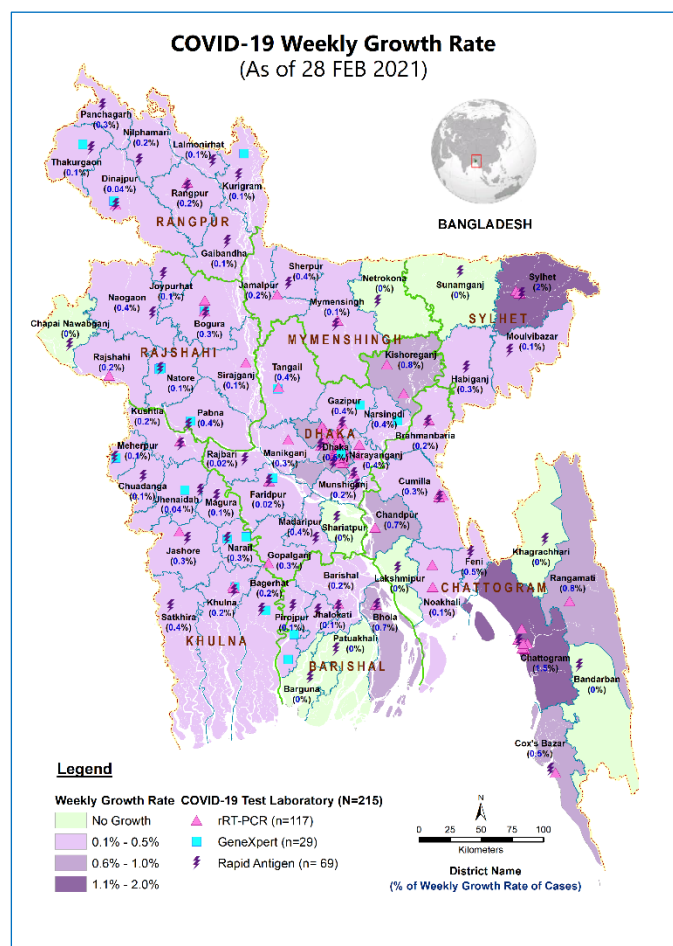
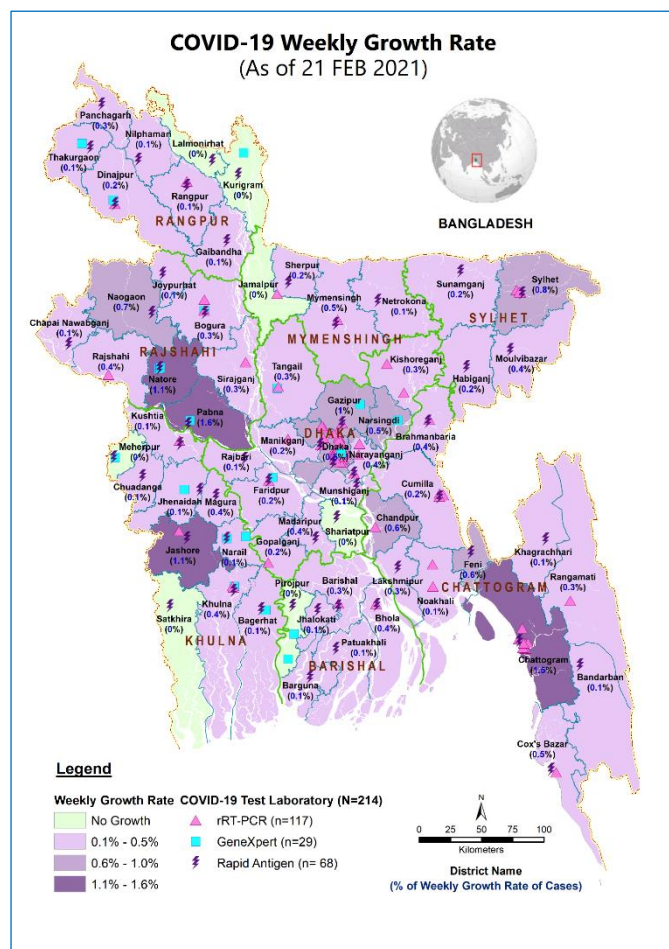
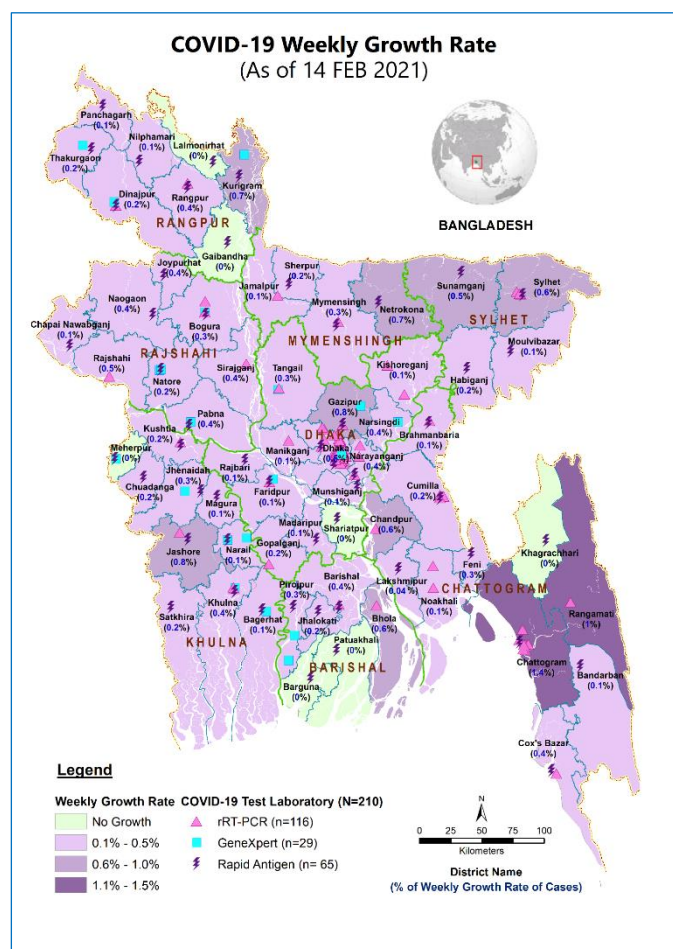


The table below is showing distribution of COVID-19 case and death, 08 MAR 2020 – 07 MAR 2021, Bangladesh

Division	Week 10, 2020 – Week 09, 2021			Week 09, 2021		
	Cases	Death	CFR (%)	Cases	Weekly Change	Death
Dhaka	378,787	4,731	1.2	2,965	56.1%	0.9
Chattogram	69,742	1,570	2.3	846	38.5%	2.2
Khulna	25,701	561	2.2	50	-9.1%	6.0
Rajshahi	25,695	474	1.8	77	28.3%	3.9
Rangpur	15,964	363	2.3	25	25.0%	-
Sylhet	15,824	311	2.0	105	-45.0%	1.0
Barishal	10,771	257	2.4	31	55.0%	3.2
Mymensingh	7,846	195	2.5	15	66.7%	-
National	550,330	4,862	1.54	4,114	56.1%	1.3

In the week 09, Dhaka division reported the highest number (2,965) of new cases, **6.9** new cases per 100,000, a **56.1% increase**; followed by Chattogram (846), **2.5** new cases per 100,000, a increase of **38.5%** than last week. Sylhet division has 45% decrease of weekly new cases (105 this week and 191 in the week before).

The maps below are showing weekly growth of COVID-19 cases, 08 FEB – 07 MAR 2021, Bangladesh



The highest number of weekly cases (**25,481**) reported in the epi-week 26, 2020 (22 – 28 JUN) and the highest daily cases 4,029 recorded on 02 July 2020. The highest weekly death (**314**) recorded on week **27**, 2020 (29 JUN – 05 JUL) with a highest daily death of 64 on 30 June 2020. In the reported week, COVID-19 daily average cases increased to **588** from **409** in the week before.

Out of the total **550,330** COVID-19 cases registered as of 07 March 2021, **91.4%** (503,003) **recovered**, **1.54%** (8,462) **died** and **7.06%** (38,865) were **active cases**. In the epidemiological week 09, weekly average number of COVID-19 **active cases** decreased by **5.4%** than the week before (**39,726** and 42,011 respectively); during the same time, weekly **recovery** increased by **9.4%** (**6,079** and 5,557 respectively).

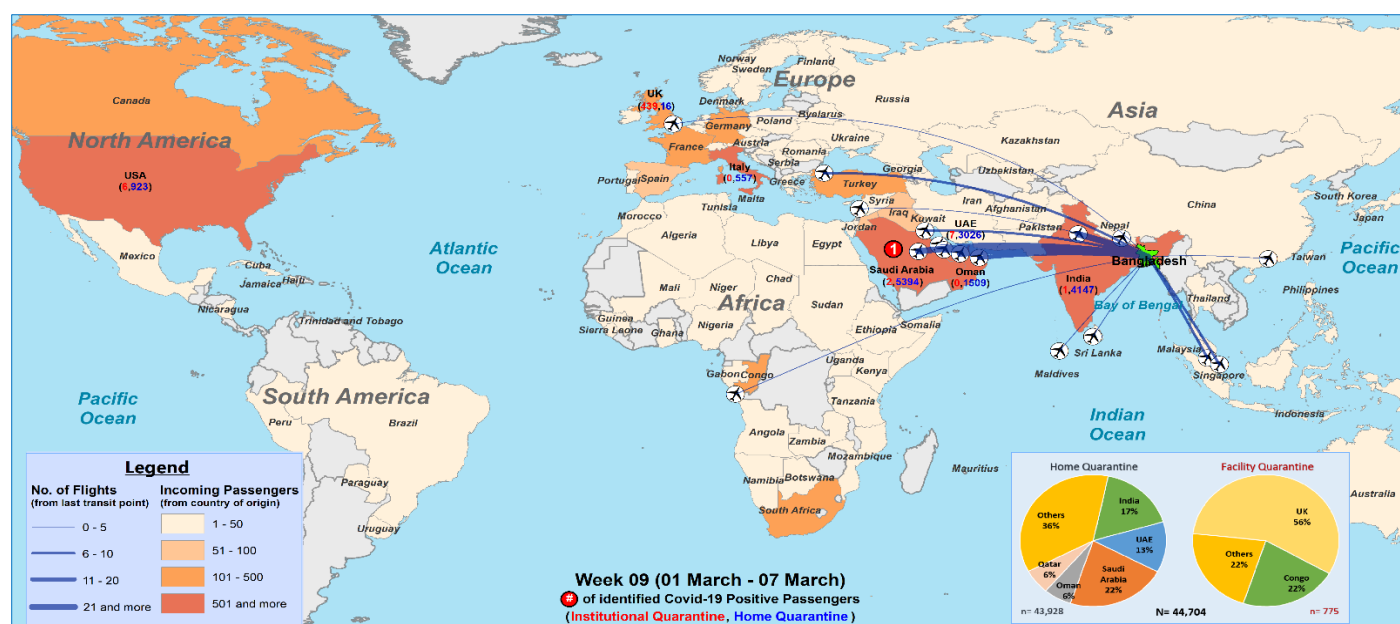
As of 07 March 2021, according to the DGHS Press Release **4,146,205** COVID-19 tests (RT-PCR **4,109,608**, GeneXpert **26,015** and Rapid Antigen **10,582**) were conducted in Bangladesh with the overall positivity rate of 13.27% (**4.3%** in last 24 hours) by **219** laboratories/test centres. So far, **76.8%** of the samples (3,184,634) have been tested for COVID in government facilities (RT-PCR **51/118**, GeneXpert **27/29** and Rapid Antigen **72/72**). One (01) private RT-PCR Lab (Ashiyan Medical College Hospital) and three (03) Rapid Antigen test centre (Sheikh Rasel Gastroliver Institute and Hospital, National Institute of Traumatology and Orthopaedic Rehabilitation, and National Institute of Ear, Nose & Throat) has been added to the network of COVID-19 testing facilities since last week. As of 07 March 2021, test per case is **7.53** which indicates the number of tests required to identify 1 case.

4. Points of Entry (PoE) & Quarantine

In the reported week (week 08, 2021), the number of international flights arrived at the designated international airport (HSIA) has increased by **3.9%** than the week before (**238** and 229 flights respectively) while the number of incoming passengers has increased by **8.2%** (**37,144** and 34,312 respectively). In the reported week **775** individuals were sent to Institutional Quarantine after passenger screening at three international Airports in the country.

According to DGHS, as of 07 March 2021, the current institutional quarantine capacity in the country is represented by **629** centres across the 64 districts, which can receive **31,991** persons. A total of **49,526** individuals were placed in quarantine facilities and of them **46,232** (93.3%) have already been released. Over the same period, total of **100,905** individuals were isolated in designated health facilities and of them **91,191** (90.4%) have been released.

The map below is showing geographical distribution of incoming flights and travellers captured through PoE Surveillance, week 09 (01 – 07 MAR), 2021, Bangladesh



During the reporting week 09, 2021, one (**1**) positive case (travelled from Saudi Arabia) was identified at the IHR designated PoE (Hazrat Shahjalal International Airport) of the country. Out of individuals sent to Institutional Quarantine

after passenger screening at the International Airports, **56%** (439/775) travelled from UK, 168 from Congo, 7 from UAE, 6 from USA and remaining from other countries.

5. Case Management and Infection Prevention & Control

According to DGHS, as of 07 March 2021, there are **10,283** general beds in the country of which **31.1%** (3,193) in Dhaka city and **566** ICU of which **49.6%** (281) in Dhaka city dedicated for COVID-19 treatment. Presently **15.5%** of the general beds and **31.3%** ICU beds are occupied all over the country.

The table below is showing temporal comparison of COVID-19 dedicated facilities, week 07 and week 09, 2021, Bangladesh

	National			Dhaka		
	07 MAR 2021	21 FEB 2021	Change	07 MAR 2021	21 FEB 2021	Change
General Beds	10,283	10,323	-0.39%	3,233	3,233	0.00%
Bed Occupancy	15.5%	12.7%	22.05%	31.1%	29.2%	6.51%
ICU	566	582	-2.75%	297	297	0.00%
ICU Occupancy	31.3%	27.3%	14.65%	25.3%	33.0%	-23.33%

6. Essential Health Service Delivery

Table: Essential health services (outpatient, inpatient, ANC-1 & PNC-1)

Month/Year	Quarter	No. of outpatient services	No. of inpatient services	No. of ANC-1 services	No. of PNC-1 (mother) services
Jan-20	Q1	4,596,674	527,796	129,897	71,443
Feb-20		5,230,388	540,130	133,827	64,266
Mar-20		4,383,782	475,150	108,305	55,912
Apr-20	Q2	1,149,216	194,185	64,994	40,305
May-20		1,092,495	216179	62,503	36,752
Jun-20		1,831,199	243,556	80,333	33,542
Jul-20	Q3	2,181,804	282,664	88,738	36,407
Aug-20		2,742,276	385,796	94,022	51,511
Sep-20		4,030,529	442,360	101,684	52,223
Oct-20	Q4	4,220,093	471,523	113,709	59,757
Nov-20		4,430,184	456,199	108,548	64,169
Dec-20		4,068,519	437,516	101,963	69,471
Total		39,957,159	4,673,054	1,189,002	635,758

Data Source: DHIS2, MIS, DGHS; access date: 02 March 2021 10:07am

39 million outpatient (OP) services were provided in 2020. Average number of OP services provided in the 4th quarter (October to December 2020) is about 4.2 million, which is 3.1 and 1.4 times higher than 2nd quarter (April to June 2020) and 3rd quarter (July to August 2020) respectively.

More than 4.6 million inpatient (IP) services were provided in 2020. Inpatient services increased by 70% and 109% in 3rd quarter and 4th quarter respectively as compared to 2nd quarter.

For maternal health services, more than 1.1 million ANC-1 services were provided in 2020. Though the number of ANC-1 services reduced by 44% in the 2nd quarter as compared to 1st quarter, it increased by 37% and 56% in 3rd and 4th quarter respectively as compared to 2nd quarter. More than 600,000 PNC-1 services were provided in 2020. Though there was a decline in number of PNC-1 services in the 2nd quarter, it increased by 27% and 75% in 3rd and 4th quarter respectively as compared to 2nd quarter.

7. Vaccination

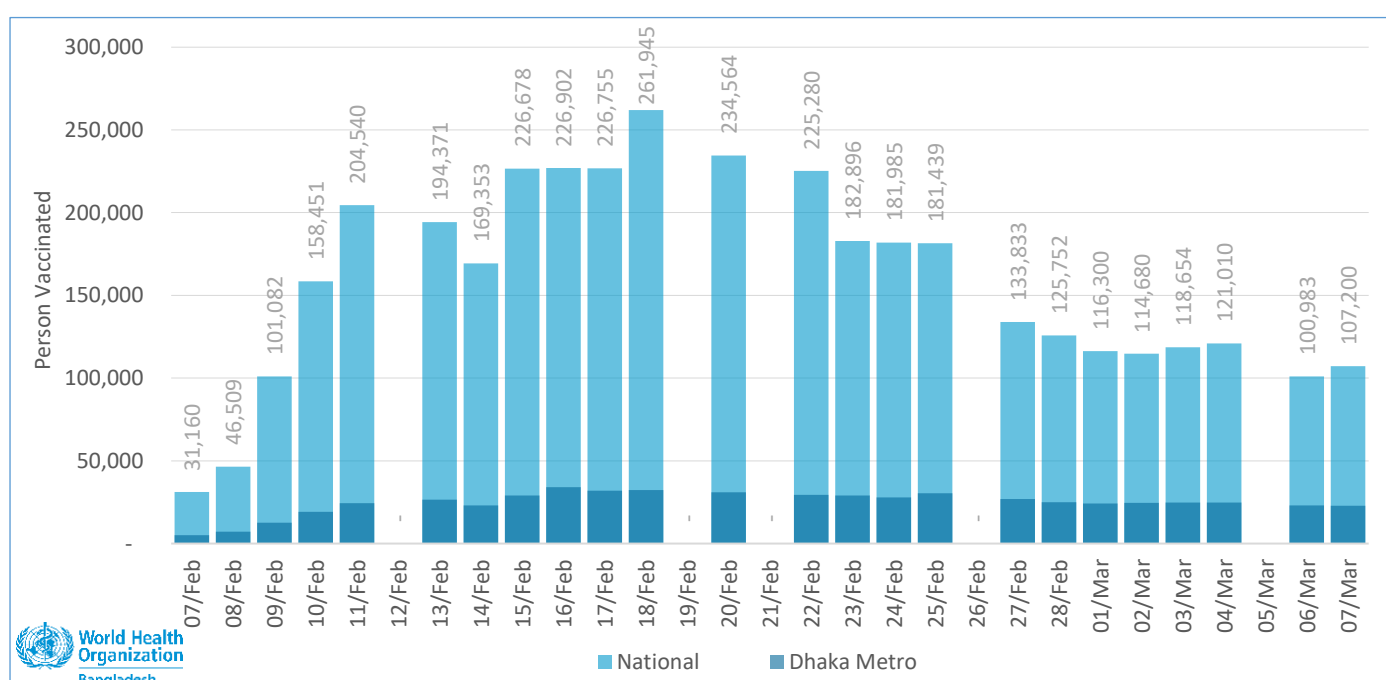
Prime Minister Sheikh Hasina receives her first shot of Covid-19 vaccine at her official residence, Ganabhaban, in Dhaka on Thursday, March 4, 2021. As of 07 March 2021, total 3,789,352 people including 2,420,857 (64%) male and 1,368,499 (36%) female in the country have received their first dose of the COVID-19 vaccine since the beginning of vaccination. So far, 6,000,000 vaccine doses were distributed across the country, out of which 3,789,356 (63%) vaccine doses have already been utilized.

The table below shows utilization of COVID-19 Vaccine doses, 27 January – 07 March 2021, Bangladesh

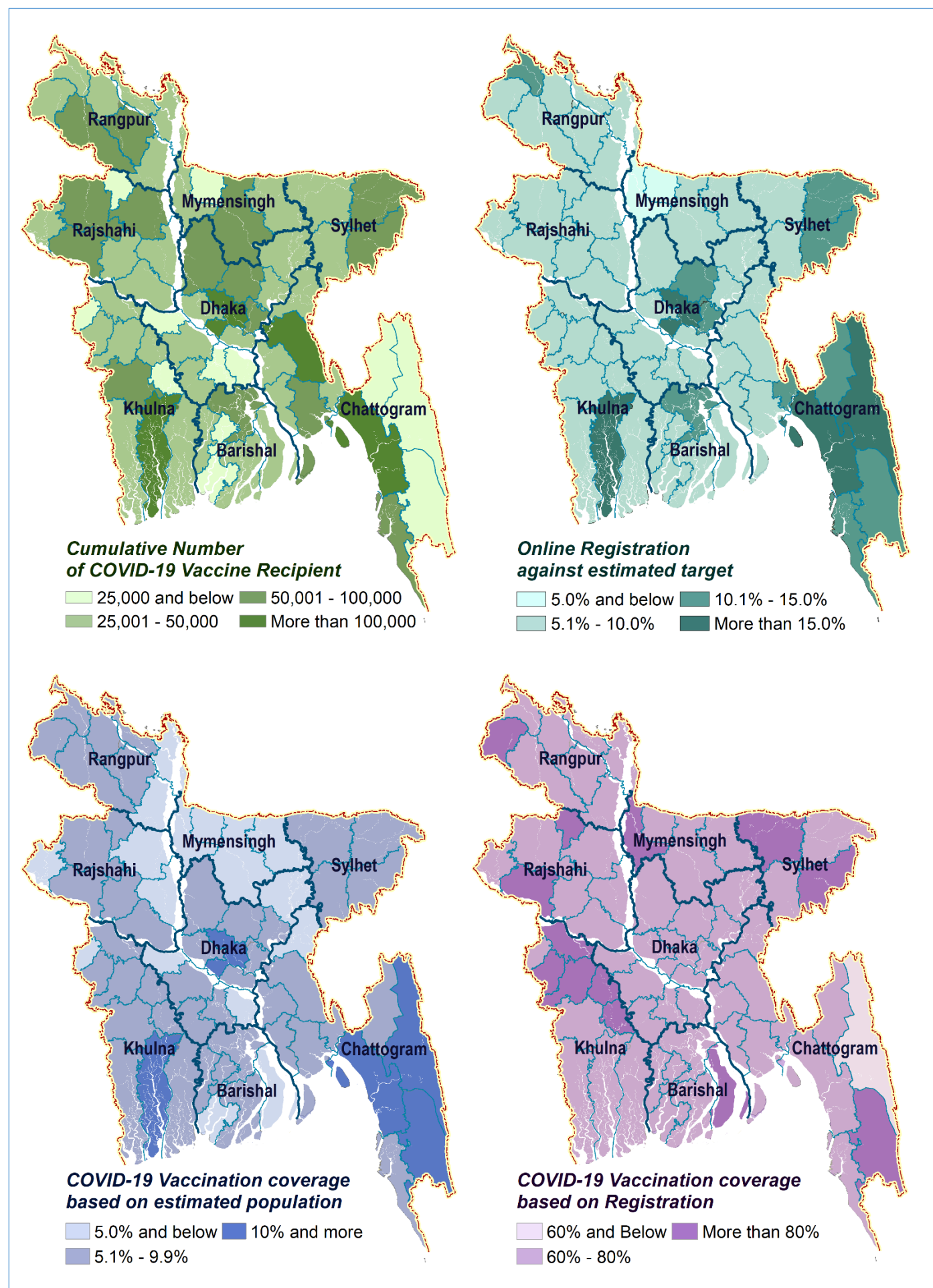
Division	No. of Vaccine Doses supplied	No. of Vaccine Doses utilized	Utilization Rate (%)*	% of Population vaccinated**
Dhaka Metropolis	609081	589,522	97%	24.4%
Dhaka***	1030919	599,976	58%	4.8%
Chattogram	1346000	804,504	60%	8.2%
Rajshahi	672000	410,480	61%	6.5%
Rangpur	600000	345,719	58%	6.4%
Khulna	588000	487,333	83%	9.0%
Mymensingh	362000	159,116	44%	4.2%
Sylhet	444000	219,541	49%	6.4%
Barishal	348000	173,161	50%	6.0%
National	6,000,000	3,789,352	63%	7.6%

* Wastage rate not considered, **Eligible population >40 years old, *** Dhaka division including Dhaka Metropolis

The figure below shows daily number of COVID-19 Vaccine administered, 07 FEB – 07 MAR 2021, Bangladesh



The map below is showing COVID-19 Vaccination status, 27 JAN – 07 MAR 2021, Bangladesh



8. Useful links for more information

- WHO Bangladesh COVID-19 Situation Reports:
[https://www.who.int/bangladesh/emergencies/coronavirus-disease-\(covid-19\)-update/coronavirus-disease-\(covid-2019\)-bangladesh-situation-reports](https://www.who.int/bangladesh/emergencies/coronavirus-disease-(covid-19)-update/coronavirus-disease-(covid-2019)-bangladesh-situation-reports)
- WHO Cox's Bazar Situation reports:
<https://ln2.sync.com/dl/f33b85a60/99r3nuhb-zebna3tg-kun4acy3-mvyxqv56>
- COVID-19 Situation in the WHO South-East Asia Region:
<https://experience.arcgis.com/experience/56d2642cb379485ebf78371e744b8c6a>
- WHO global Weekly Epidemiological Update and Weekly Operational Update:
<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports/>
- WHO Bangladesh awareness and risk communication materials in Bengali:
[https://www.who.int/bangladesh/emergencies/coronavirus-disease-\(covid-19\)-update](https://www.who.int/bangladesh/emergencies/coronavirus-disease-(covid-19)-update)
- COVID-19 WHO Online Training modules: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/training/online-training>
- COVID-19 updates from the Directorate General of Health Services, Ministry of Health and Family Welfare, Government of The People's Republic of Bangladesh:
<https://dghs.gov.bd/index.php/en/component/content/article?id=5393>
- Institute of Epidemiology, Disease Control and Research (IEDCR):
<https://iedcr.gov.bd/covid-19/covid-19-general-information>