














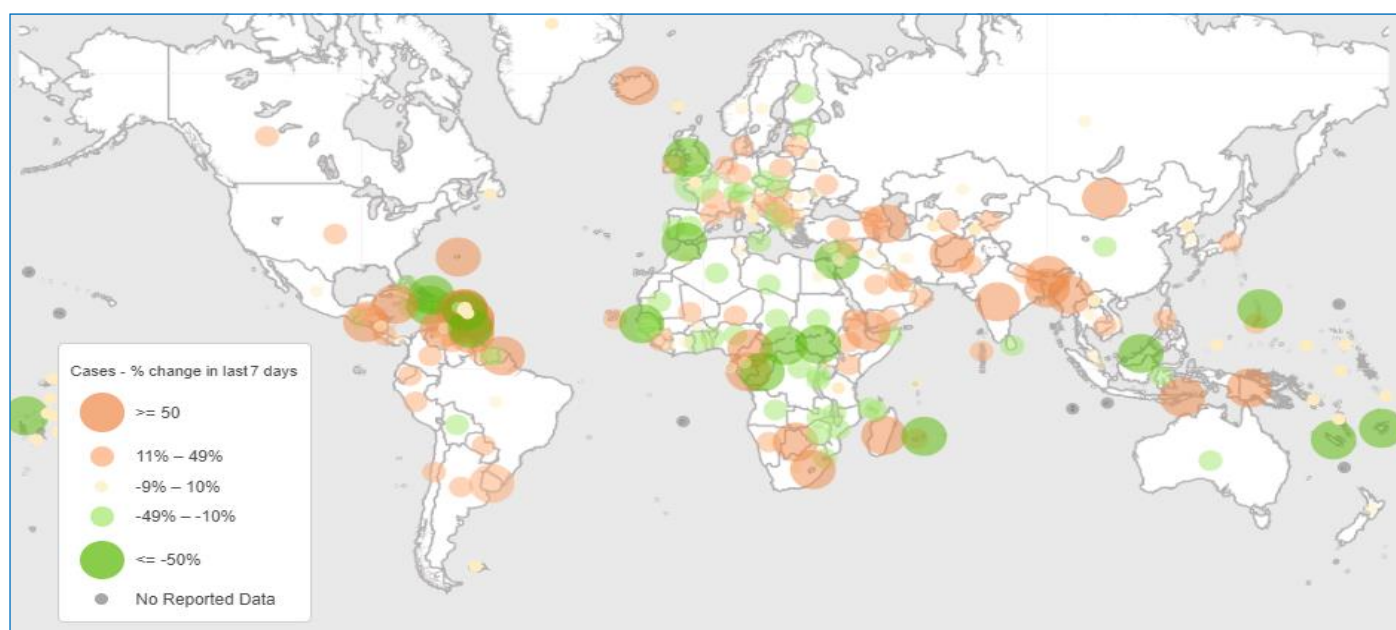
Tested	Confirmed Cases	Recovered	Death	Hotline
 <b>4,588,830</b>	 <b>595,714</b>	 <b>535,941</b>	 <b>8,904</b>	 <b>24.9 million</b>
Test/100,000/Week	Case/100,000/Week	Recovery Rate	CFR%	AR/100,000
<b>105.5</b>	<b>14.6</b>	<b>90%</b>	<b>1.49</b>	<b>350</b>
Lab/Centres Number Tests (N=224)		PPE Stock	PoE Screening	
RT PCR Lab : <b>120</b>	<b>4,542,114</b>	 <b>791,696</b>		<b>1,411,998</b>
GeneXpert Lab : <b>31</b>	<b>31,297</b>			
Rapid Antigen : <b>73</b>	<b>15,419</b>	 <b>7,206,463</b>		<b>75,055</b>
Last week daily Test average:	<b>3,548</b>			
Vaccination				
Persons registered	<b>6,693,507</b>	 <b>267,313</b>		<b>7,029</b>
Persons vaccinated	<b>5,263,248</b>			
National coverage	<b>10.6%</b>	 <b>1,630,851</b>		<b>487,207</b>
Coverage in Dhaka Metro	<b>34.2%</b>			

Date Source: Directorate General of Health Services, MoHFW, Bangladesh

## 1. Global Situation

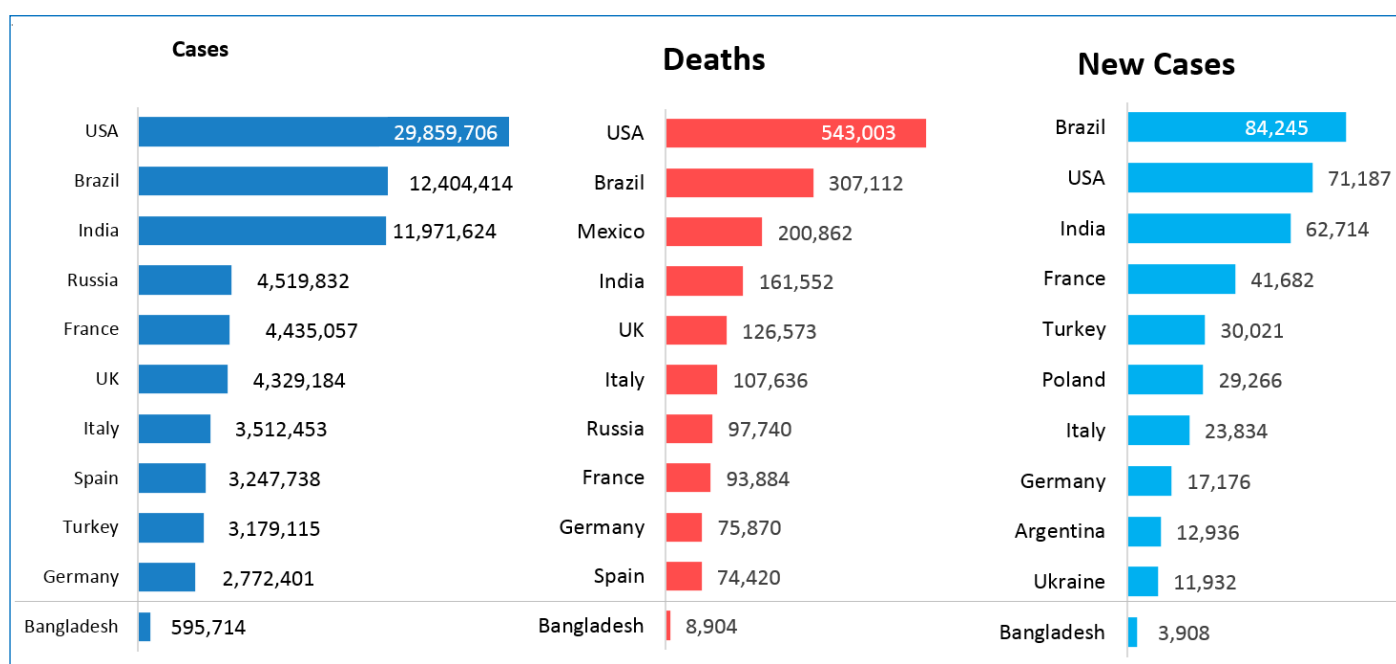
Globally, as of 6:30 PM, on 28 March 2021 there have been 126,359,540 confirmed cases of COVID-19, including 2,769,473 deaths, received by the WHO from national authorities. The USA, the world's worst-hit country, has counted **29,859,706** (71,187) cases with **543,003** (1,280) deaths; followed by Brazil with **12,404,414** (84,245) cases and **307,112** (3,650) deaths. India reported the third-highest cases of **11,971,624** (62,714) and fourth-highest deaths of **161,552** (312); Mexico reported the third-highest death of **200,862** (651) at the same cut off time.

*The map below shows the weekly change of COVID-19 cases around the globe, as of 27 MAR 2021*



Over **3.7 million** new cases were reported last week, a **16%** increase compared to the week before. Weekly cases increased in all the regions while the highest in South-East Asia (**46%**) followed by the Western Pacific region (**32%**), Africa (**22%**), Europe (**14%**), Americas (**11%**), and Eastern Mediterranean (**2%**). Globally, 89 (**38%**) countries/territories are seeing declines while 115 (**49%**) are experiencing increasing numbers of new cases; the remaining 32 (**14%**) have no growth during the reporting week.

*The figure below shows top-ranked countries for total Cases, Deaths, and New cases of COVID-19, 01 JAN 2020 – 28 MAR 2021*

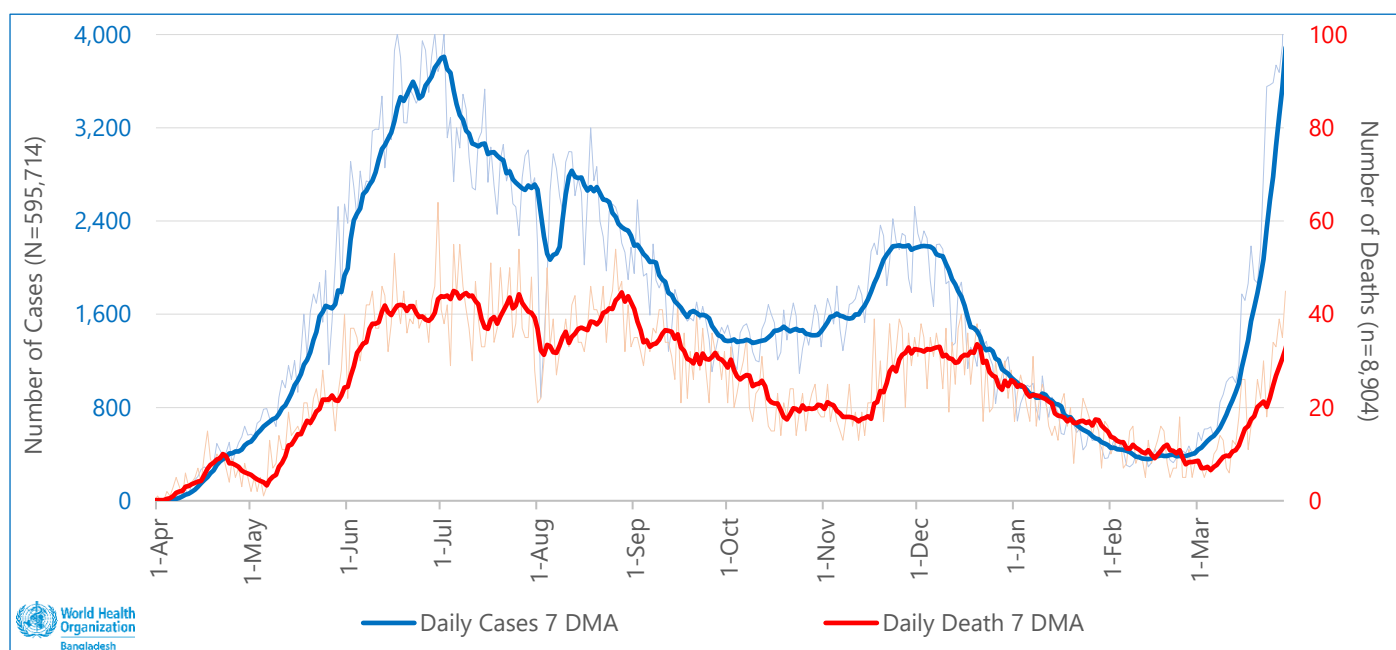




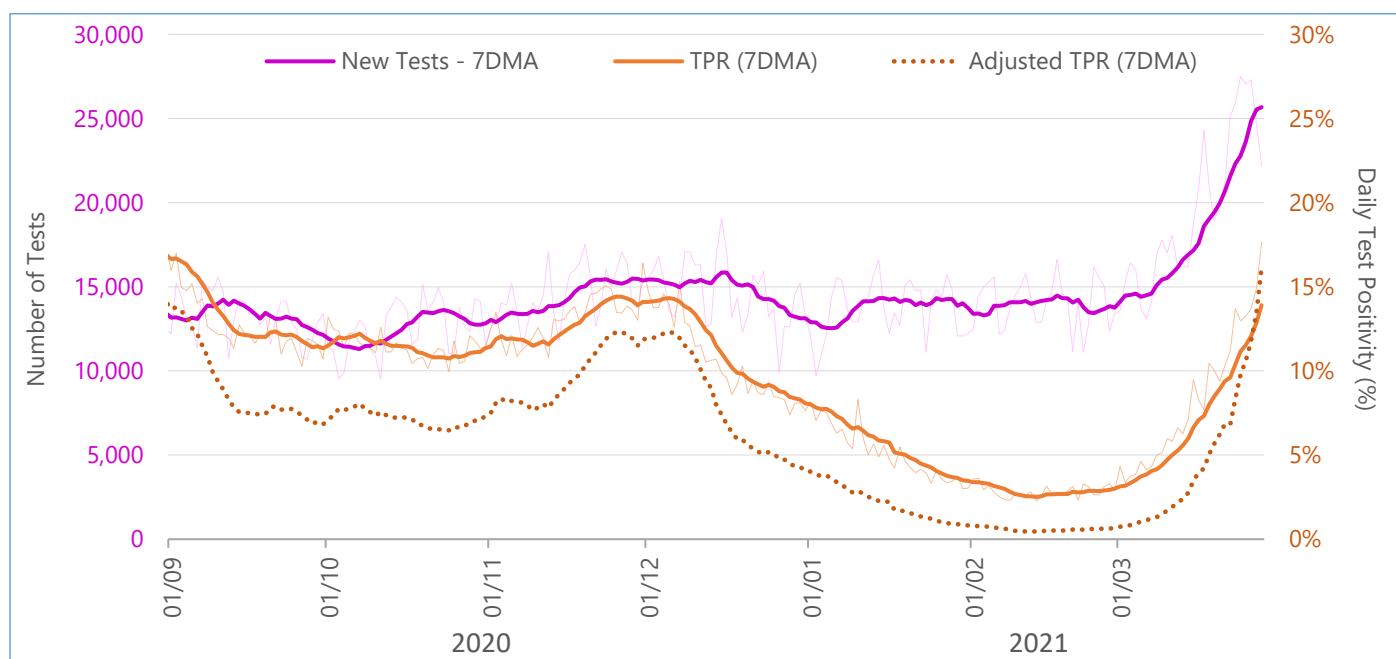
## 2. Bangladesh Situation

Between 8 March 2020 and 28 March 2021, according to the DGHS Press Release <<https://corona.gov.bd/press-release>> there were five hundred ninety-five thousand, seven hundred fourteen (**595,714**) COVID-19 cases confirmed by RT-PCR, GeneXpert, and Rapid Antigen tests including eight thousand, nine hundred four (**8,904**) related deaths (**CFR 1.49%**). Bangladesh is among the top 33 countries and accounts for **0.47%** of the COVID-19 cases of the world.

The figure below is showing seven days moving average of COVID-19 cases and deaths, as of 28 MAR 2021



The figure below is showing seven days moving average of COVID-19 tests and test positivity, as of 28 MAR 2021



In the past week (epidemiological week 12, 2021), Bangladesh reported **24,836** new cases, an **84.2% increase** compared to last week; the case per 100,000 population per week is **14.6**. The country reported **214** new death, a **47.6% increase**; death per 100,000 per week is **0.13**. The weekly new test is **179,711** (daily average: **25,673**), a **24.3% increase** than the week before; tests per 100,000 per week is **106**; the weekly average test positivity rate (TPR) is **13.8%**, TPR **increased by 48%** from last week. Overall Case Fatality Ratio (CFR) is **1.49%** which was 1.52% last week.

### 3. Surveillance & Laboratory

As of 28 March 2021, **70%** of reported cases were from **Dhaka** division (**60%** at Dhaka city), **Chattogram** – 13%, **Rajshahi** – 4%, **Khulna** – 4%, **Rangpur** – 3%, **Sylhet** – 3%, **Barishal** – 2% and the lowest 1% from **Mymensingh** division. While **57%** of the reported death were from **Dhaka** division (30% at Dhaka city), **Chattogram** – 18%, **Khulna** – 6%, **Rajshahi** – 6%, **Rangpur** – 4%, Sylhet – 4%, **Barishal** – 3%, and the lowest 2% from **Mymensingh** division.

*The table below is showing the distribution of COVID-19 case and death, as of 28 MAR 2021*

Division	08 MAR 2020 – 28 MAR 2021			Week 12, 2021 (22-28 MAR 2021)		
	Cases	Death	CFR (%)	Cases	Weekly Change	Death
Dhaka	416,113	5,049	1.2%	20,681	87%	162
Chattogram	74,788	1,633	2.2%	2,462	63%	26
Rajshahi	26,475	487	1.8%	397	53%	6
Khulna	26,353	572	2.2%	345	59%	5
Sylhet	16,556	317	1.9%	439	118%	3
Rangpur	16,285	372	2.3%	170	79%	4
Barishal	11,134	275	2.5%	244	177%	7
Mymensingh	8,010	199	2.5%	98	123%	1
<b>National</b>	<b>595,714</b>	<b>8,904</b>	<b>1.5%</b>	<b>24,836</b>	<b>84%</b>	<b>214</b>

In the epi-week 12, the Barishal division has the highest growth of weekly new cases, **177%** (244 this week and 88 in the week before), followed by Mymensingh **123%** (98 and 44) and Sylhet **118%** (439 and 201 respectively). The Dhaka division reported the highest number (20,681) of new cases, with **48** new cases per 100,000, an **increase of 87%**; followed by Chattogram (2,462), with seven (**7**) new cases per 100,000, an **increase of 63%** compared to last week.

The highest number of weekly cases (**25,481**) reported in the epi-week 26, 2020 (22 – 28 JUN), and the highest daily cases 4,019 was 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 **3,548** from 1,926 in the week before.

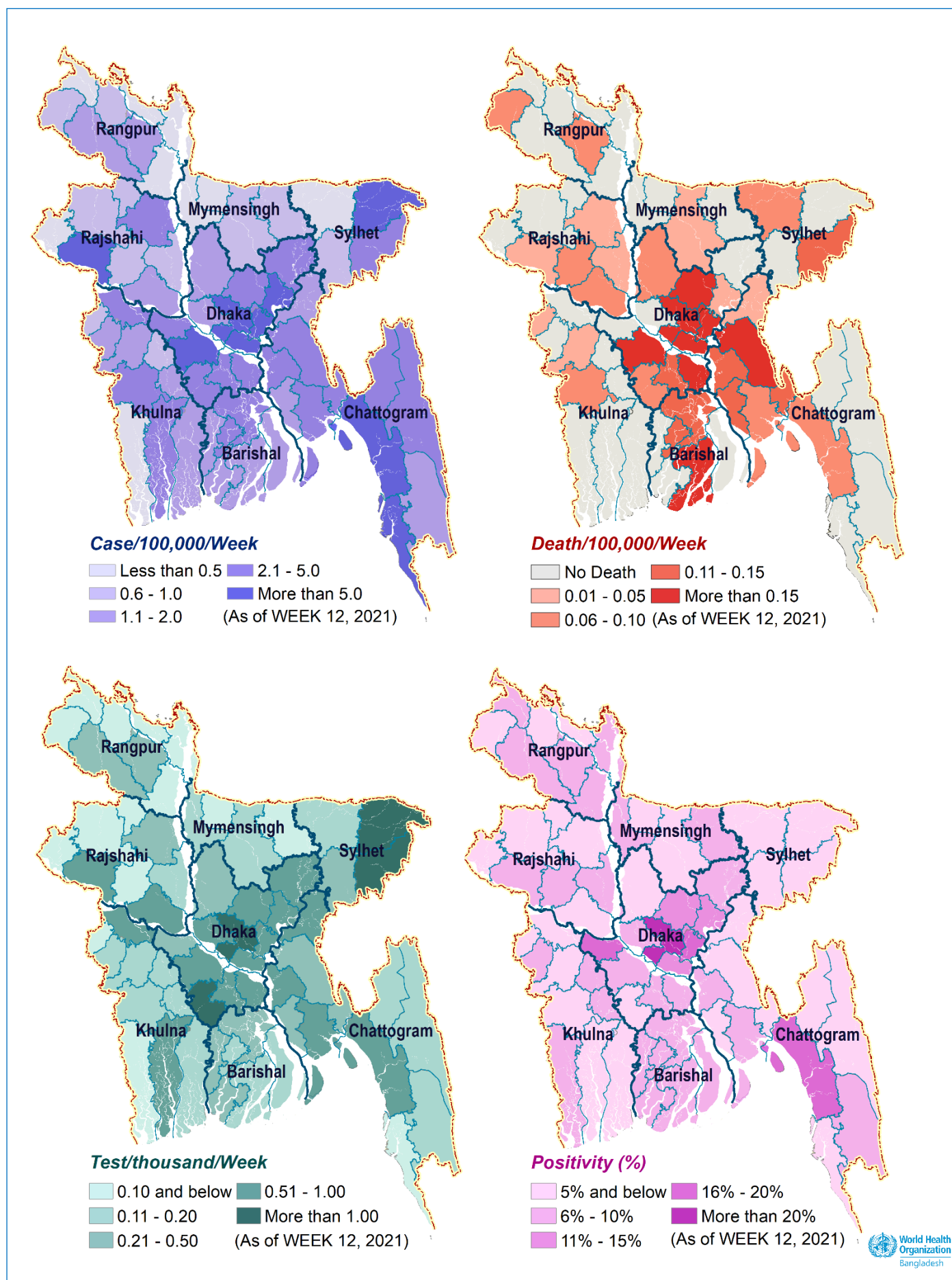
Out of **595,714** COVID-19 cases registered as of 28 March 2021, **90.0%** (535,941) **recovered**, **8.5%** (50,869) were **active cases** and the remaining died (previously mentioned as CFR). In epidemiological week 12, the average number of COVID-19 **active cases** increased by **18.5%** compared to the week before (**45,770** and 38,627 respectively); during the same time, **recovery** increased by **26.4%** (**13,536** in the current week and 10,710 in the week before).

As of 28 March 2021, according to the DGHS Press Release, **4,588,830** COVID-19 tests (RT-PCR **99%**, GeneXpert **0.7%**, and Rapid Antigen **0.3%**) were conducted in Bangladesh with an overall positivity rate of 12.98% (**17.65%** in the last 24 hours) by **224** laboratories/test centres. So far, **75.9%** of the samples (3,483,836) have been tested for COVID in government facilities (RT-PCR **52/120**, GeneXpert **29/31**, and Rapid Antigen **73/73**).

Two RT-PCR labs (Khwaja Yunus Ali Medical College, Sirajganj and Satkhira Medical College), two GeneXpert labs (Amtali Upazila Health Complex, Barguna, and Chuadanga Chest Disease Clinic), and one Rapid Antigen test centre (Institute of Child and Mother Health, Dhaka city) have been added to the network of COVID-19 testing facilities during the last week.

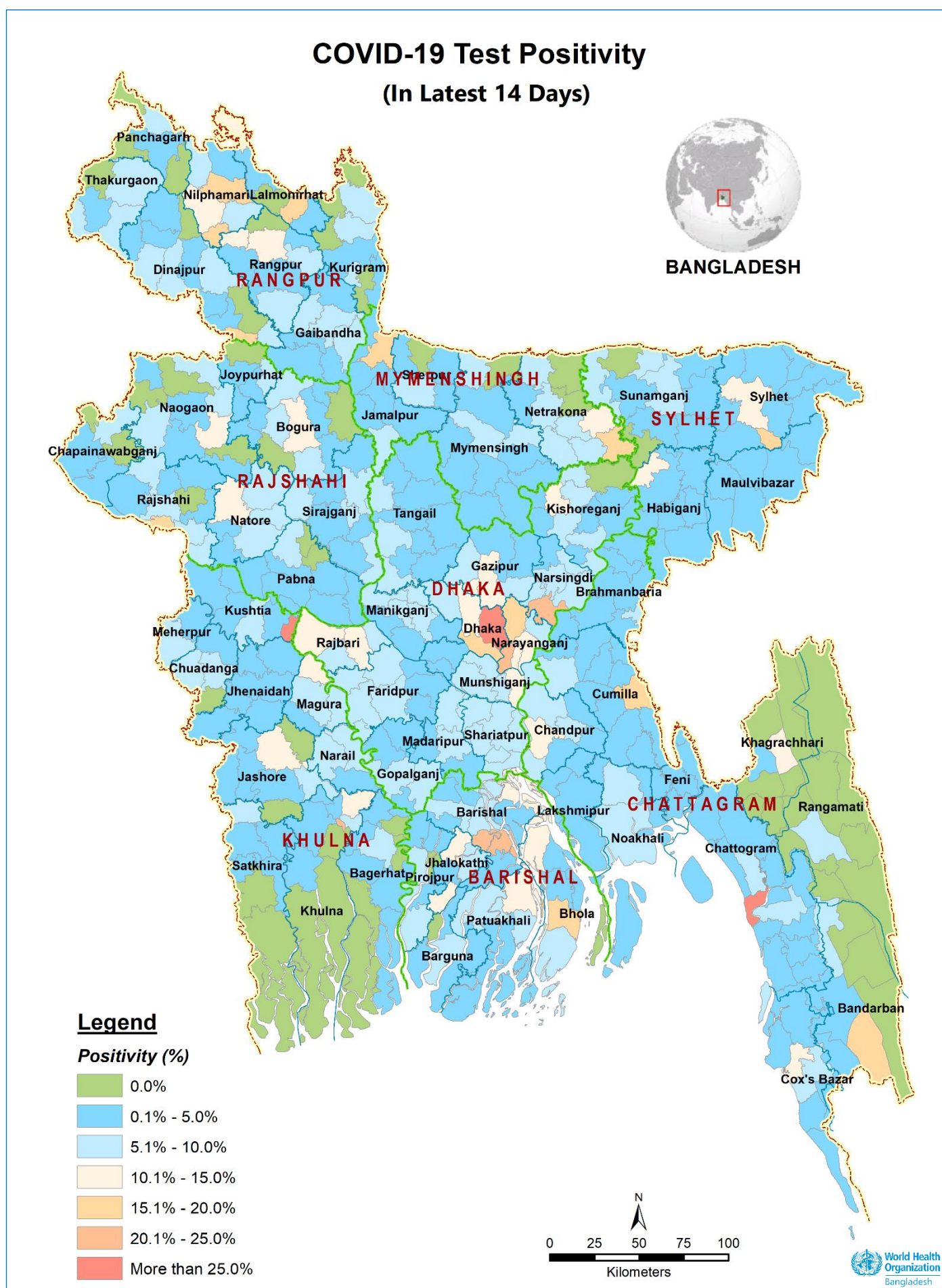
As of the reporting date, the test per case is **7.7**, which indicates the number of tests required to identify 1 case.

**The map below is showing the distribution of case, death, test, and test positivity of COVID-19 during 22 – 28 MAR 2021, Bangladesh**



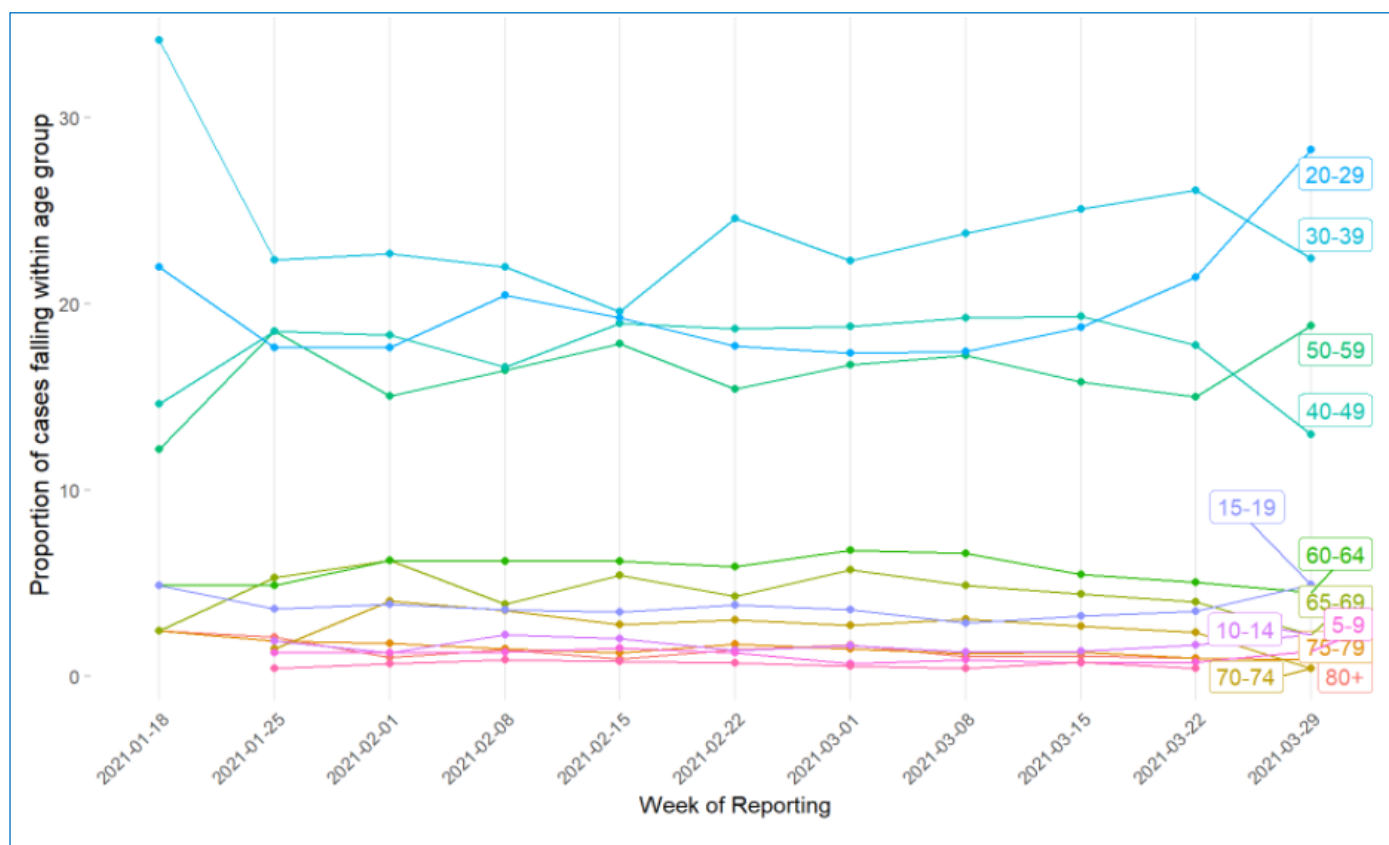


The map below shows COVID-19 Test Positivity Rate by Upazila; as of 28 MAR 2021, Bangladesh



#### 4. Contact Tracing (CT)

According to the IEDCR Go.Data platform, as of 28 March 2021, a total of 41,405 confirmed cases have been entered into the system for case investigation and contact listing. During the week of 22 to 28 March 2021 alone, 16,278 were uploaded and newly assigned to Outbreak Investigation Officers (OIOs) – 20 of which were among known contacts being followed. In this week, the OIOs successfully reached 3,048 cases and completed 2,563 Case Record Forms (CRF). 1.3% of the new cases (226/16,278) had a history of COVID-19 vaccination. The demographics of these cases are changing in recent weeks – for example, a significantly larger percentage of cases aged 20-29 is detected as shown below:



As of 28 March 2021, there are 11,082 total active contacts listed in Go.Data and currently within their 14-day follow-up period. During the week of 22 to 28 March 2021 alone, 4,980 new contacts were listed – a majority of which were women staying in the home or students. Of those registered contacts who were due for either a 7- or 14-day follow-up by a contact tracer during this reporting period, 47% (1,471/3,114) successfully received their 7-day follow-up call and 55% (1,694/3,064) received their 14-day follow up call. Among newly listed contacts during the reporting period, 75 were reported to have been vaccinated, either partially or fully.

**The figure below is showing the divisional breakdowns of the Key Indicators as captured through IEDCR Go.Data platform, 15 – 28 MAR 2021**

Division	Case Investigation & 14d Follow Up - Last 7d							Contact Listing & 7/14d Follow Up - Last 7d						
	Newly Assigned Cases	From Known Contact	Reached	CRF Filled	Needing 14d Case Followup	Completed 14d Case Followup	Case Vaccinated	Currently Active Contacts	Newly Listed Contacts	Needing 7d Followup	Completed 7d Followup	Needing 14d Followup	Completed 14d Followup	Contact Vaccinated
Dhaka	11895	6	1704	1273	11895	388	116	4746	1761	1168	324	1207	459	34
Chattogram	26	14	711	665	4529	82	83	1931	1172	776	764	946	928	25
Rajshahi	484	0	87	79	732	29	6	875	146	105	3	128	49	3
Khulna	321	0	149	130	465	72	0	387	332	124	0	136	89	0
Sylhet	312	0	97	86	390	0	4	538	183	143	0	112	26	0
Barishal	290	0	33	28	227	27	8	609	251	106	48	127	24	0
Rangpur	199	0	137	172	265	110	7	582	351	225	0	104	0	0
Mymensingh	158	0	121	121	184	90	2	452	304	195	174	94	79	0
NA	9	0	9	9	12	1	0	962	461	272	158	210	40	13
Total	16278	20	3048	2563	18699	799	226	11082	4980	3114	1471	3064	1694	75

## 5. Points of Entry (PoE) & Quarantine

In the reported week (week 12, 2021), the number of international flights arrived at three international airports has **decreased** by **0.7%** than the week before (**292** and **294** flights respectively) and the number of incoming passengers has **decreased** by **1%** (**37,665** and **38,017** respectively). In the reported week, 501 travellers were sent to Institutional Quarantine, and 41,076 sent for Home quarantine after passenger screening at the Points of Entry.

**The table below is showing the Quarantine status of incoming travellers as captured through PoE Surveillance, 22 – 28 MAR 2021, Bangladesh**

Points of Entry	Home Quarantine	Facility Quarantine	Total Traveller
HSIA, Dhaka	32,349	238	32,587
SAIA, Chattogram	4,520	9	4,529
OIA, Sylhet	313	236	549
Benapole LC, Jashore	3,783	18	3,801
Akhaura LC, Brahmanbaria	111	0	111
<b>Total</b>	<b>41,076</b>	<b>501</b>	<b>41,577</b>

**The table below is showing the distribution of incoming travellers during the last 14 days sent to Home Quarantine as captured through PoE Surveillance, 15 – 28 MAR 2021, Bangladesh**

Chattogram Div.	20,268	Dhaka Div.	15,837	Sylhet Div.	4,770	Khulna Div.	4,603
Chattogram	8,059	Dhaka	7,806	Sylhet	2272	Khulna	1079
Cumilla	3797	Munshiganj	1082	Moulvibazar	1019	Jashore	1067
Noakhali	1880	Narayanganj	909	Sunamganj	784	Bagerhat	486
Brahmanbaria	1850	Tangail	908	Habiganj	695	Kushtia	469
Feni	1599	Faridpur	803			Satkhira	457
Chandpur	1339	Gazipur	792			Jhenaidah	276
Lakshmipur	830	Narsingdi	758			Narail	233
Cox's Bazar	785	Madaripur	613			Magura	222
Khagrachhari	60	Kishoreganj	600			Meherpur	172
Rangamati	43	Shariatpur	553			Chuadanga	142
Bandarban	26	Manikganj	437				
		Gopalganj	374				
		Rajbari	202				
Rajshahi Div.	2,698	Barishal Div.	1,636	Mymensingh Div.	968	Rangpur Div.	712
Pabna	589	Barishal	624	Mymensingh	564	Dinajpur	162
Rajshahi	573	Bhola	305	Jamalpur	192	Gaibandha	129
Bogura	449	Pirojpur	253	Netrokona	142	Rangpur	124
Chapai Nawabganj	303	Patuakhali	172	Sherpur	70	Nilphamari	88
Naogaon	241	Barguna	144			Thakurgaon	88
Natore	227	Jhalokati	138			Kurigram	57
Sirajganj	212					Lalmonirhat	44
Joypurhat	104					Panchagarh	20

According to DGHS, as of 28 March 2021, the country's current institutional quarantine capacity is represented by **629** centres across the 64 districts, receiving **31,991** persons. A total of **51,341** individuals were placed in quarantine facilities, and **47,809** (93.1%) of them have already been released. Over the same period, a total of **103,757** individuals were isolated in designated health facilities, and **92,832** (89.5%) of them were released.



## 6. Case Management and Infection Prevention & Control

According to DGHS, as of 28 March 2021, there are **9,807** general beds in the country dedicated to COVID-19 treatment, **36%** (3,545) of which are occupied. **34%** of the dedicated general beds are in Dhaka City, **76%** (2,542 of 3,329) of them are occupied. There are **578** dedicated ICU beds in the country, of which **62%** (358) are occupied. **51%** of the dedicated ICU beds are in Dhaka City, of which **84%** (250 of 296) were occupied at the same cut-off time.

*The table below is showing the bed occupancy in COVID-19 dedicated facilities, week 09 & 11, 2021*

	National			Dhaka		
	28 MAR 2021	14 MAR 2021	Change	28 MAR 2021	14 MAR 2021	Change
General Beds	<b>9,807</b>	10,303	-4.8%	<b>3,329</b>	3,213	3.6%
Bed Occupancy	<b>36%</b>	20%	80%	<b>76%</b>	48%	58.3%
ICU	<b>578</b>	566	2.1%	<b>296</b>	281	5.3%
ICU Occupancy	<b>62%</b>	45%	37.8%	<b>84%</b>	62%	35.5%

## 7. Vaccination

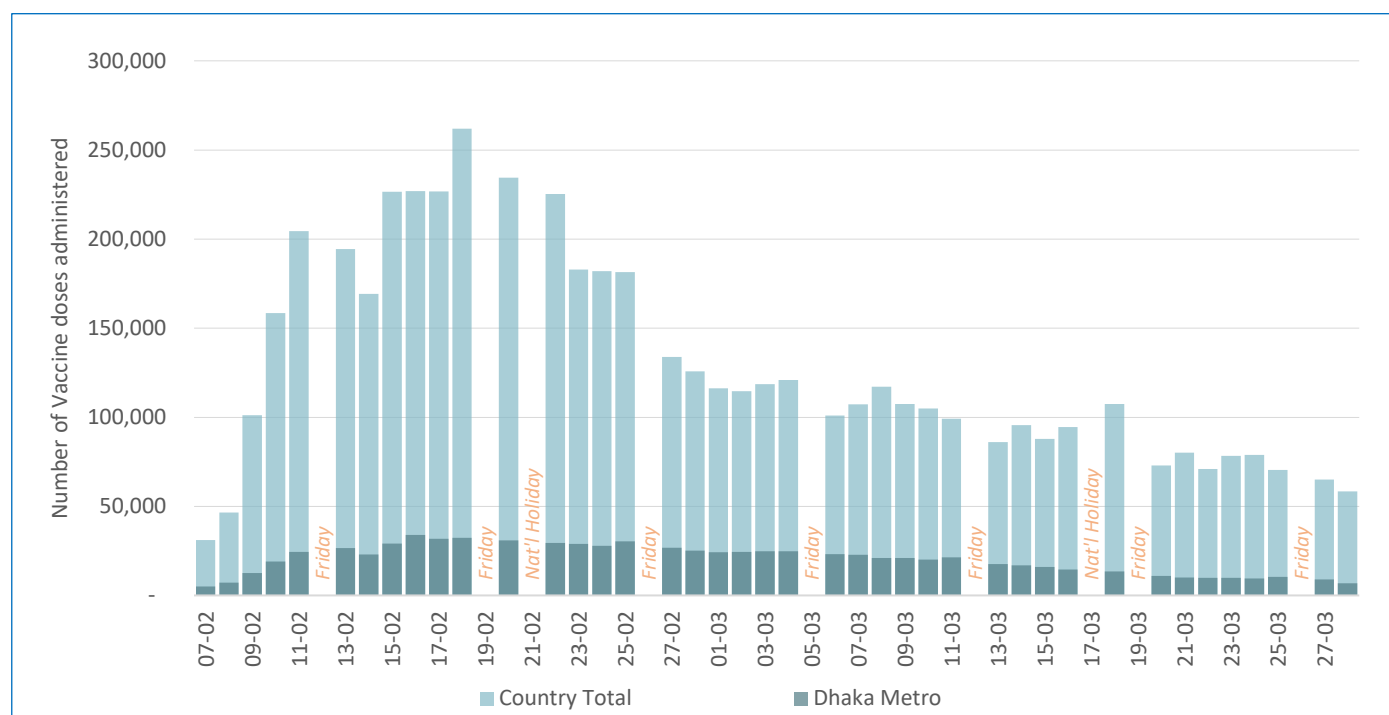
Since the launch of the COVID-19 vaccination campaign, as of 21 March 2021, **5,263,248** (88%) doses of vaccine were administered out of the 6 million doses distributed across the country. A total of **3,277,597** (62%) males and **1,985,651** (38%) females received their 1st dose of vaccine. So far, **10.6%** of the country's eligible population has been vaccinated, while in Dhaka metropolitan the coverage is **34.2%**.

*The table below shows the utilization of COVID-19 Vaccine doses, 27 JAN – 28 MAR 2021*

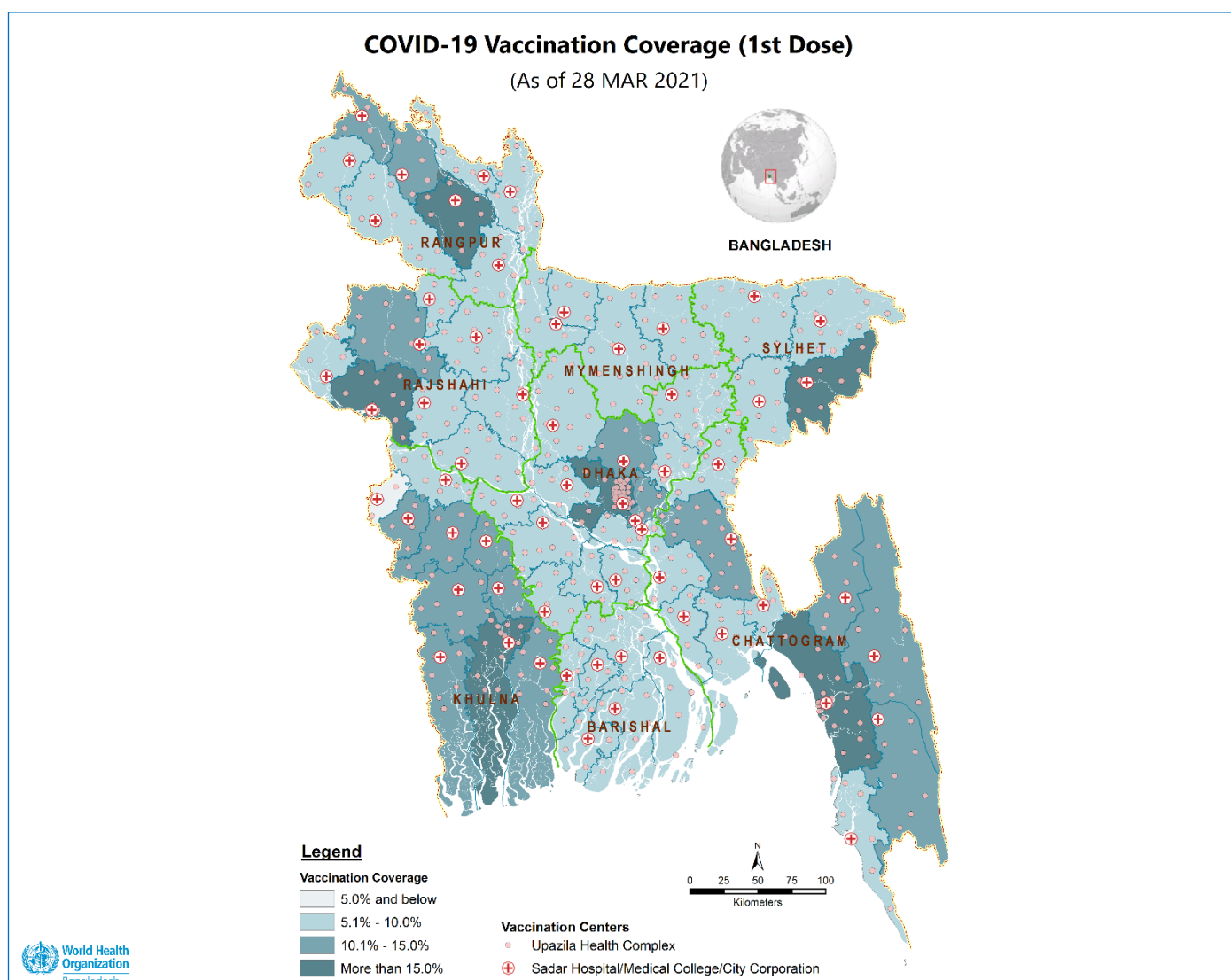
Division	No. of Vaccine Doses supplied	No. of Vaccine Doses utilized	Utilization Rate (%)*	% of population vaccinated**
Barishal	243,000	232,703	96%	8.1%
Chattogram	1,346,000	1,062,130	79%	10.9%
Dhaka	1,793,000	1,633,550	91%	13.0%
Khulna	693,000	678,472	98%	12.6%
Mymensingh	291,000	251,096	86%	6.6%
Rajshahi	672,000	594,176	88%	9.3%
Rangpur	600,000	537,382	90%	9.9%
Sylhet	362,000	273,739	76%	8.0%
Total	6,000,000	5,263,248	88%	10.6%

\* Wastage rate not considered, \*\*Eligible population >40 years old

The figure below shows the daily number of COVID-19 vaccine administered, as of 28 MAR 2021



The map below is showing COVID-19 Vaccination coverage, as of 28 MAR 2021



## 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>