




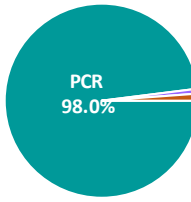




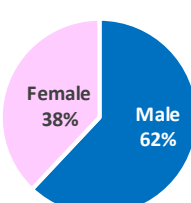




Photo Credit: Social Media, Bangladesh

Tested	Confirmed Cases	Recovered	Death	Hotline
 5 820 612	 789 080	 730 697	 12 376	 28 million
Test/100 000/Week	Case/100 000/Week	Recovery Rate	CFR%	AR/100 000
66	5.2	92.5%	1.57	463
Testing Lab/Centres Number Tests (N=486)			PoE Screening	
RT PCR Lab : 129	5 704 950	 <p>PCR 98.0% GeneX 0.8% AgRDT 1.2%</p>		1 589 504
GeneXpert Lab : 42	47 213			84 359
Rapid Antigen : 315	68 449			7 029
Last week daily Test average: 16 128				513 789
Vaccination				
Persons registered	7 248 829	 <p>Female 38% Male 62%</p> <p>1st dose by Gender</p>		
Vaccinated (1 st dose)	5 819 971			
Vaccinated (2 nd dose)	4 015 522			
% Population received 1 st dose	3.6%			
% Population received 1 st dose	2.4%			

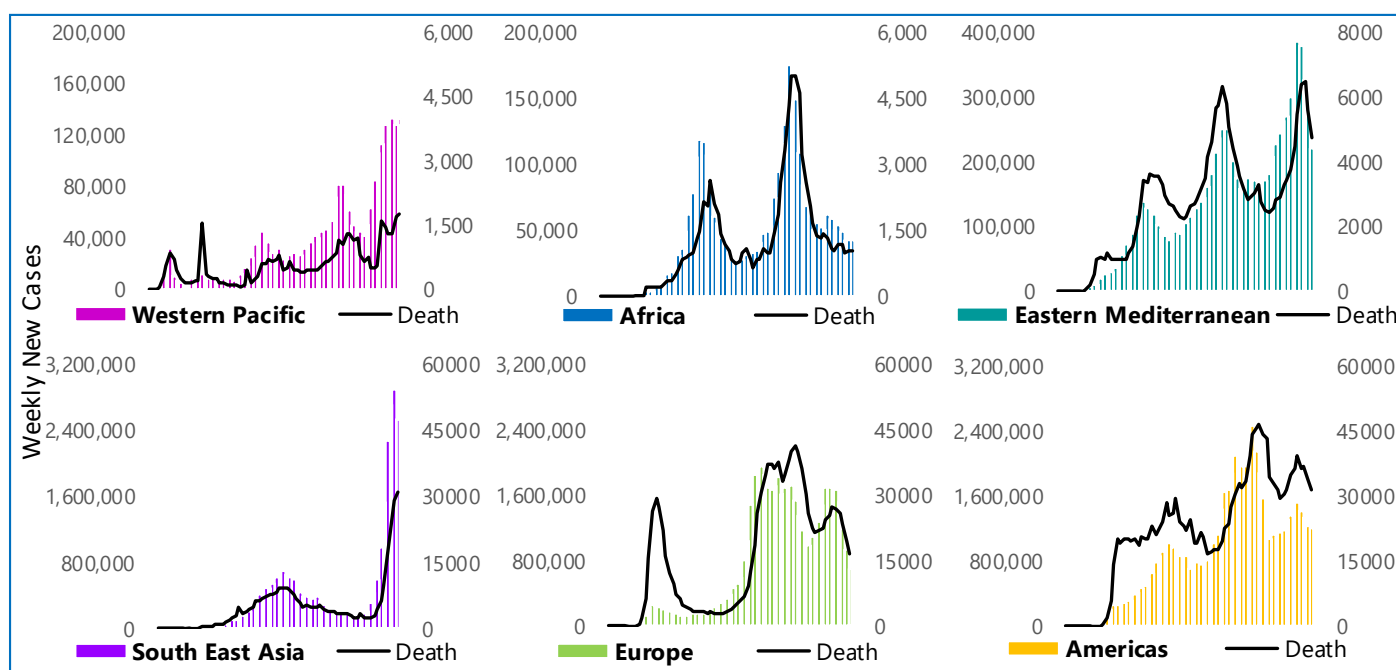
Date Source: Directorate General of Health Services, MoHFW, Bangladesh

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1. Global Situation

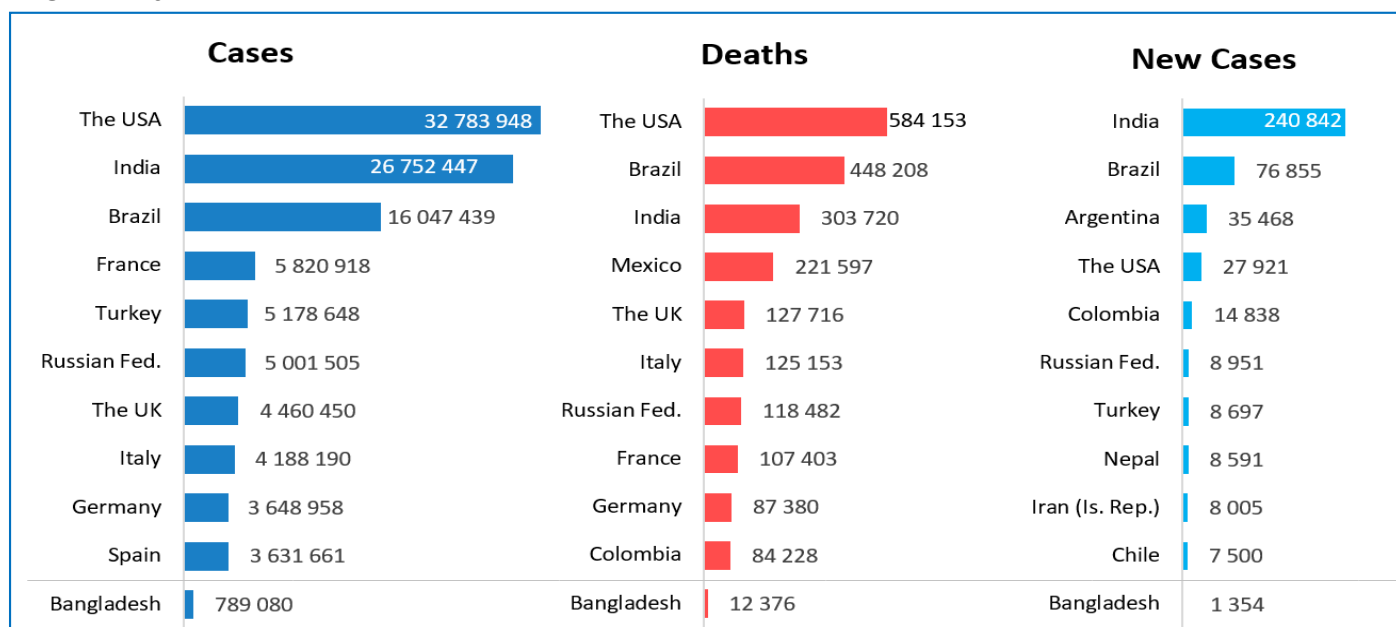
Globally, as of 23 May 2021, there have been **166 349 821** confirmed cases of COVID-19, including **3 449 171** deaths, received by the WHO from national authorities. The USA, the world's worst-hit country, has counted **32 762 914** (27 921) cases with **583 696** (743) deaths, followed by India with **26 530 132** (240 842) cases and the third-highest death of **299 266** (3 741). Brazil reported the third-highest cases of **15 970 949** (76 855) and the second-highest deaths of **446 309** (2 215).

The figure below shows the weekly Cases and Deaths from COVID-19 by WHO region as of 23 MAY 2021



Over **4.1 million** new cases were reported last week, a **14.3%** decrease from the previous week. Weekly cases **increased** in the Africa Region (**4.4%**) and in the Region of Americas (**1.6%**); while, weekly cases **decreased** in the European Region by **25.7%**, followed by the South East Asia Region (**20.7%**), the Eastern Mediterranean Region (**2.0%**), and the Western Pacific Region by **0.8%**. Globally, 121 (**51%**) countries/territories are seeing **declines** while 83 (**35%**) are experiencing **increasing** numbers of new cases; the remaining 32 (**14%**) have no growth during the reporting week.

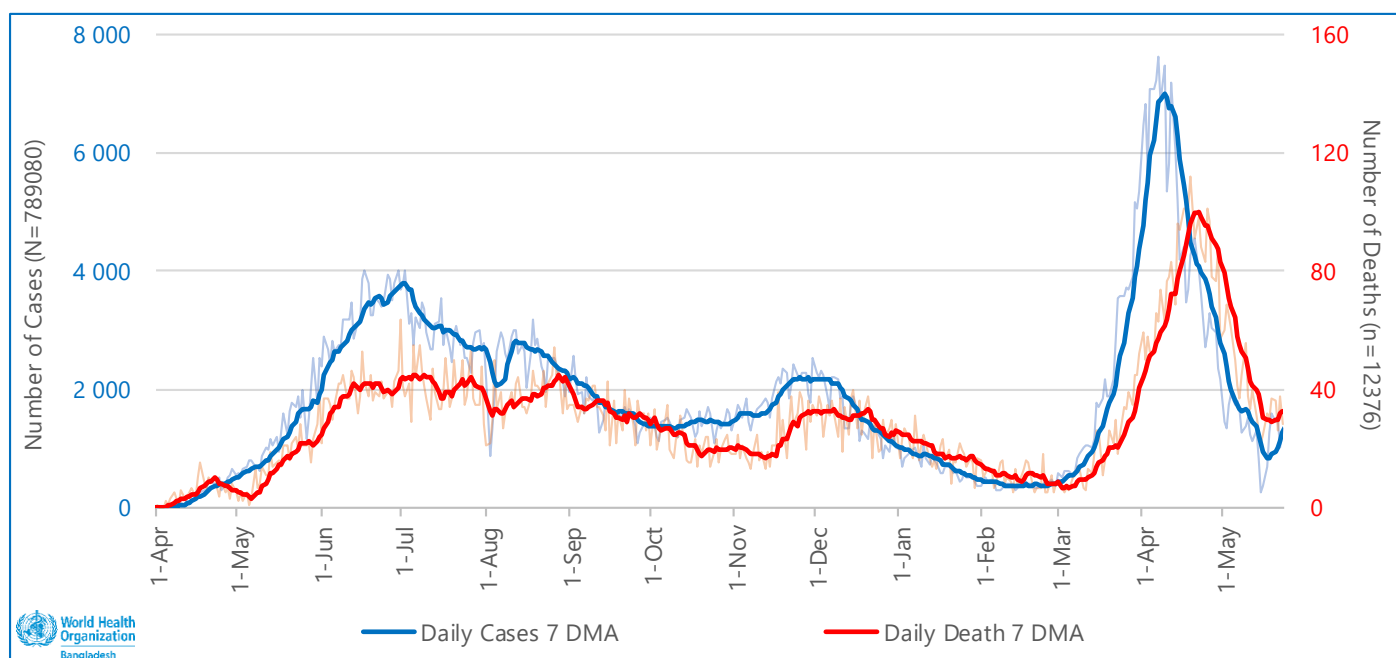
The figure below shows top-ranked countries for total Cases, Deaths, and New cases of COVID-19, 01 JAN 2020 – 23 MAY 2021



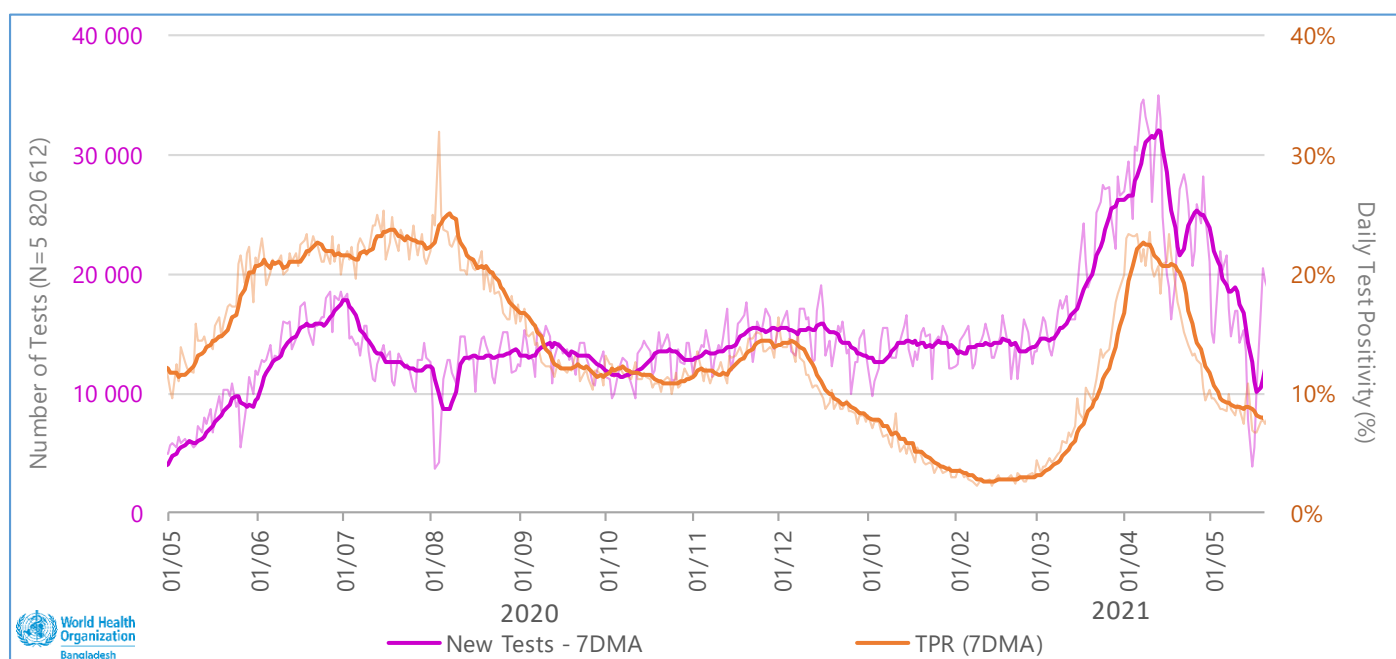
2. Bangladesh Situation

Between 8 March 2020 and 23 May 2021, according to the DGHS Press Release <<https://corona.gov.bd/press-release>> there were seven hundred eighty-nine thousand, eighty (**789 080**) COVID-19 cases confirmed by RT-PCR, GeneXpert, and Rapid Antigen tests including twelve thousand, three hundred seventy-six (**12 376**) related deaths (**CFR 1.57%**). 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 the trend of COVID-19 cases, deaths as of 23 MAY 2021



The graph below is showing the weekly number of samples tested and the Positivity ratio, as of 23 MAY 2021



In the past week (epidemiological week 20, 2021), Bangladesh reported **8 921** new cases, a **34.2% increase** compared to last week; the case per 100 000 population per week is **5.2**. The country reported **227** new death, a **5.6% increase**; death per 100 000 per week is **0.1**. The weekly new test is **112 896** (daily average: **16 128**), a **47.0% increase** than the week before; tests per 100 000 per week is **66**; the weekly average test positivity rate (TPR) is **7.9%**, TPR **decreased** by **8.7%** from last week. Overall Case Fatality Ratio (CFR) is **1.57%** which was 1.56% last week.

3. Surveillance & Laboratory

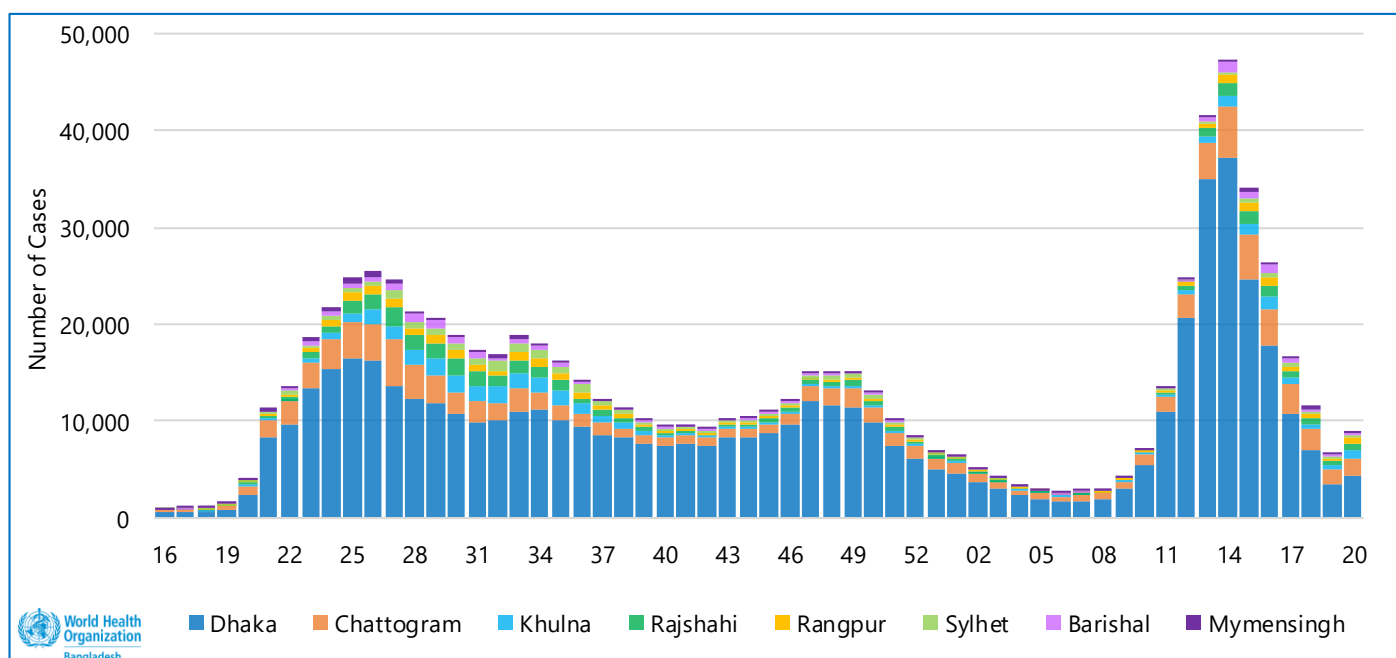
As of 23 May 2021, **70.5%** of reported cases were from Dhaka division (**60.6%** at Dhaka city), Chattogram – **12.8%**, Rajshahi – **4.2%**, Khulna – **4.2%**, Sylhet – **2.7%**, Rangpur – **2.4%**, Barishal – **1.9%** and the lowest **1.3%** from Mymensingh division. While **57.5%** of the reported death were from Dhaka division (**34.4%** at Dhaka city), Chattogram – **18.9%**, Khulna – **6.1%**, Rajshahi – **5.3%**, Rangpur – **3.6%**, Sylhet – **3.6%**, Barishal – **3.0%**, and the lowest **2.0%** from Mymensingh division.

The table below is showing the distribution of COVID-19 case and death as of 23 MAY 2021

Division	08 MAR 2020 – 16 MAY 2021			Week 19, 2021 (10 – 16 MAY 2021)		
	Cases	Death	CFR (%)	Cases	Weekly Change	Death
Dhaka	556 178	7 113	1.28%	4 282	22.1%	93
Chattogram	100 813	2 334	2.32%	1 909	19.8%	59
Rajshahi	33 611	653	1.94%	759	79.0%	15
Khulna	32 901	752	2.29%	816	117.0%	20
Sylhet	21 484	444	2.07%	492	56.2%	20
Rangpur	18 617	451	2.42%	271	99.3%	7
Barishal	15 266	374	2.45%	189	23.5%	6
Mymensingh	10 210	255	2.50%	203	43.0%	7
National	789 080	12 376	1.57%	8 921	34.2%	227

In the epi-week 20, all the divisions experienced an increment of weekly new cases; the highest increase observed in the Khulna division, **117.0%** (816 this week and 376 in the week before), followed by the Rangpur division **99.3%** (271 and 136 respectively). The Dhaka division reported the highest number of new cases (4282), **10** new cases per 100 000/week with an **increase** of 22.1% of weekly cases; and the Barishal division reported the lowest number (189) of new cases, **2** new cases per 100 000/week. Out of the 789 080 COVID-19 cases registered as of 23 May 2021, **92.6%** (730 697) recovered, **5.8%** (46 485) were active cases, and the remaining died (previously mentioned as CFR). In epidemiological week 20, the average number of COVID-19 active cases **decreased** by **4.2%** compared to the week before (**45 569** and **47 568** respectively); during the same time, recovery decreased by **27.1%** (**8 661** in the current week and **11 874** in the week before).

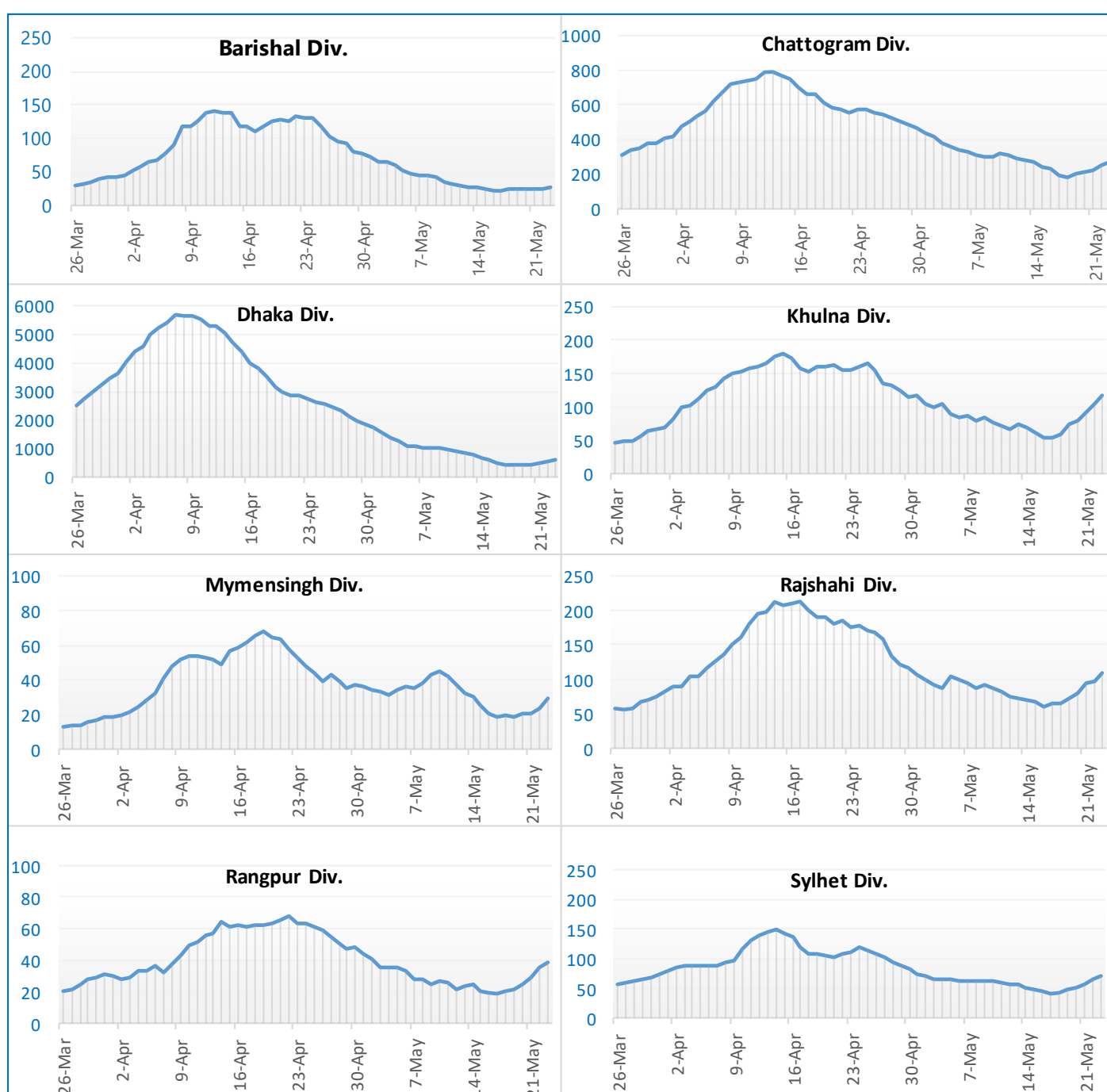
The figure below is showing weekly Cases of COVID-19 by Division as of 23 MAY 2021



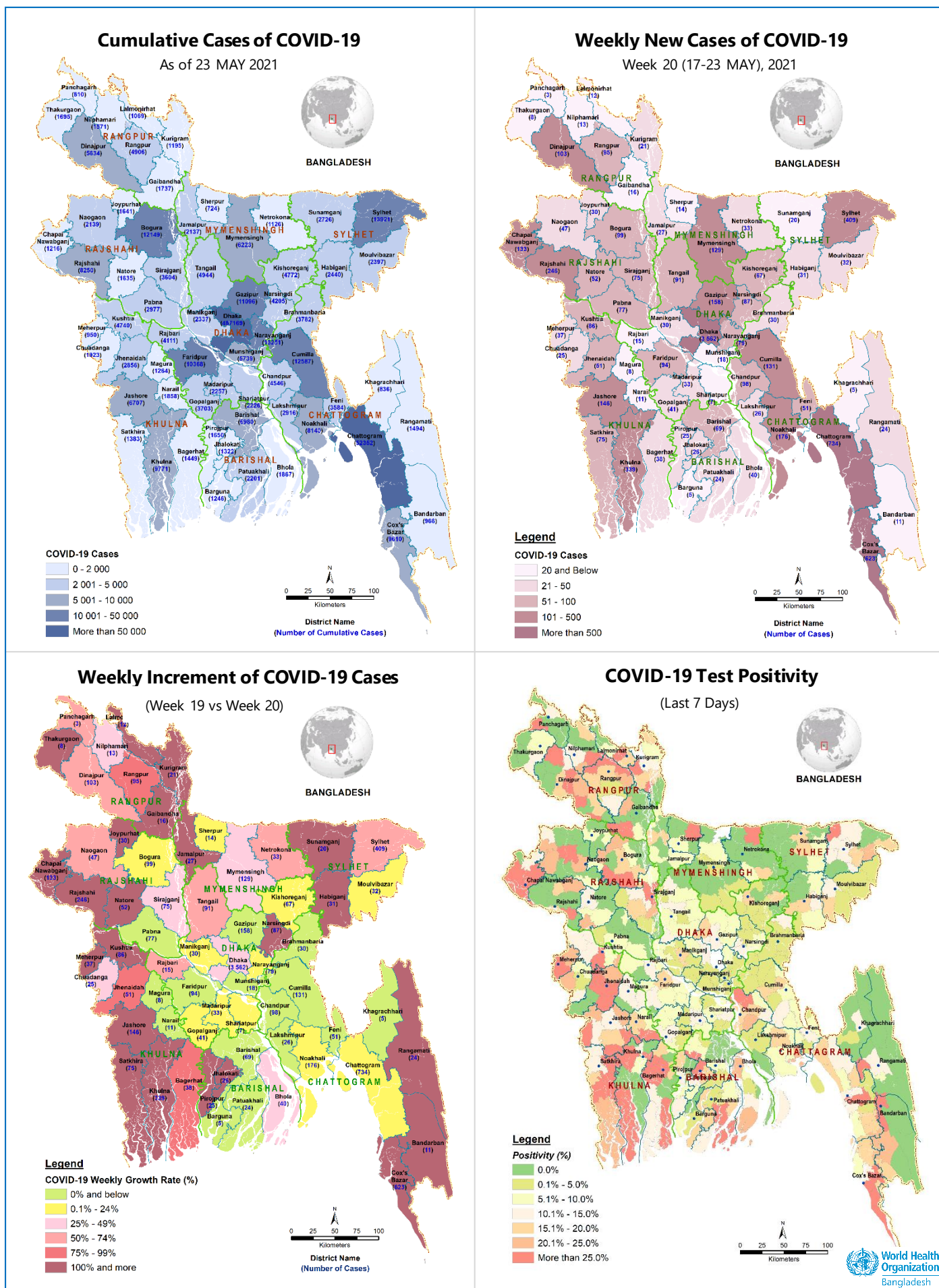
The highest number of weekly cases (**47 392**) reported in the epi-week **14**, 2021 (05-11 APR), and the highest daily cases **7 626** was recorded on 07 April 2021. The highest weekly death (**668**) was recorded in week **16**, 2021 (19-25 APR), with the highest daily death of **112** on 19 April 2021. In the reported week, COVID-19 daily average cases **increased** to **1 274** from 949 in the week before.

As of 23 May 2021, according to the DGHS Press Release, **5 820 612** COVID-19 tests (RT-PCR **98.1%**, GeneXpert **0.8%**, and Rapid Antigen **1.2%**) were conducted in Bangladesh with an overall positivity rate of 13.56% (**8.90%** in the last 24 hours) by **486** laboratories/test centres. So far, **73.1%** of the samples (4 256 408) have been tested for COVID-19 in government facilities (RT-PCR **52/129**, GeneXpert **39/42**, and Rapid Antigen **315/315**). During the last week, one (1) RT-PCR lab (National Heart Foundation and Research Institute, Dhaka), six (06) GeneXpert lab (Patiya Upazila Health Complex, Chattogram; BRAC TB Diagnostic Center, Netrokona; Gurudaspur Upazila Health Complex, Natore; DNCC Dedicated COVID-19 Hospital, Dhaka; Jashore Chest Disease Clinic, Jashore; and Gournadi Upazila Health Complex, Barishal) and 20 Rapid Antigen test centres have been added to the network of COVID-19 testing facilities.

The figure below shows the trend of daily cases of COVID-19 by division, as of 26 MAR - 23 MAY 2021



The maps below are showing the distribution of COVID-19 Cases as of 23 MAY 2021



4. Points of Entry (PoE) & Quarantine

In the reported week (week 20, 2021), the number of international flights arrived at three international airports has **decreased** by **17%** than the week before (144 and 174 flights, respectively), and the number of incoming passengers has **decreased** by **15%** (20 586 and 24 314 persons, respectively). In the reported week, **4 217** travellers were sent to Institutional Quarantine, and **16 272** sent for Home quarantine after passenger screening at the Points of Entry.

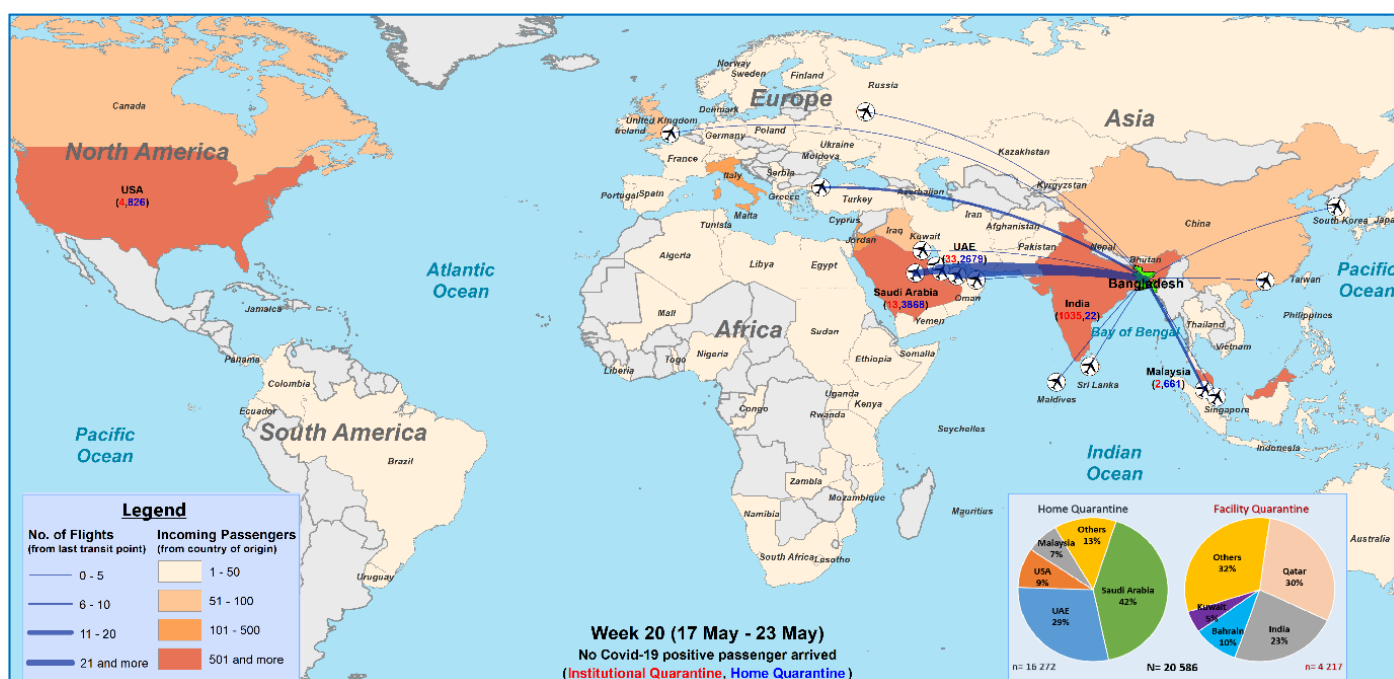
The table below is showing the Quarantine status of incoming travellers as captured through PoE Surveillance, 17 MAY – 23 MAY 2021, Bangladesh

Points of Entry	Home Quarantine	Facility Quarantine	Facility Isolation	Total Traveller
Benapole LC, Jashore	3	710	0	713
Akhaura LC, Brahmanbaria	19	380	0	399
HSIA, Dhaka	16 347	3 127	0	19 474
SAIA, Chattogram	0	0	0	0
OIA, Sylhet	0	0	0	0
Total	16 272	4 217	0	20 586

* HSIA: Hazrat Shahjalal Int'l Airport, SAIA: Shah Amanat Int'l Airport, OIA: Osmani Int'l Airport, LC: Land Crossing

According to DGHS, as of 23 May 2021, the country's current institutional quarantine capacity is represented by **629** centres across the 64 districts, receiving **31 991** persons. A total of **62 240** individuals were placed in quarantine facilities, and 56 897 (**91%**) of them have already been released. Over the same period, a total of **130 927** individuals were isolated in designated health facilities, and 113 098 (**86%**) of them were released.

The map below is showing the geographical distribution of incoming flights and travellers captured through PoE Surveillance, week 20 (17 MAY – 23 MAY), 2021, Bangladesh



During the reporting week, no positive case was identified at the IHR designated PoE of the country. Out of individuals sent to Institutional Quarantine after passenger screening at active PoEs during the week, 39% travelled from Qatar, 30% from India, 13% from Bahrain, 6% from Kuwait, 4% from Italy, 2% from Iraq, 1% each from UAE, Turkey, Germany, and France, and the remaining 2% from other countries.

5. Case Management and Infection Prevention & Control

According to DGHS, as of 23 May 2021, there are **11 970** general beds dedicated to COVID-19 treatment countrywide, **16.8%** (2 005) of which are occupied. **43.6%** of the dedicated general beds are in Dhaka City. There are **1 156** dedicated ICU beds in the country, of which **26.0%** (300) are occupied; **72.7%** of the dedicated ICU beds are in Dhaka City.

The table below is showing the weekly status of bed occupancy in COVID-19 dedicated facilities in Bangladesh

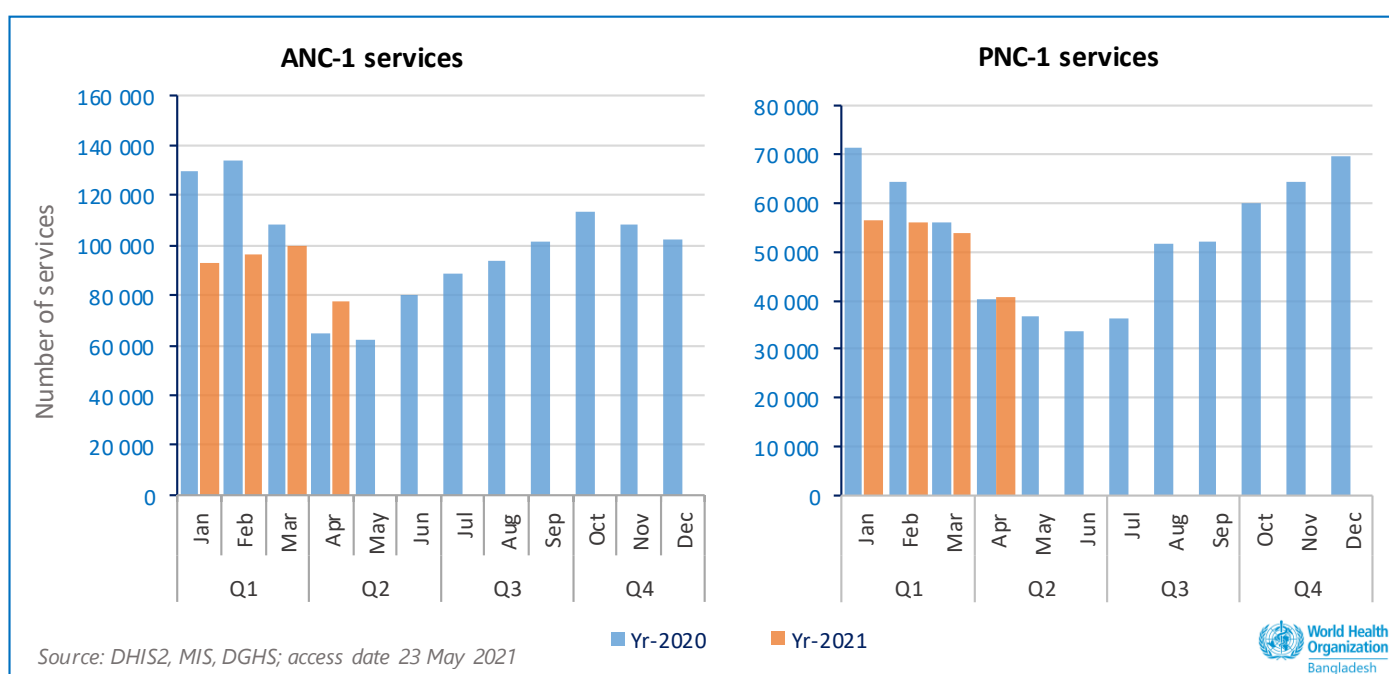
	National				Dhaka			
	23-May	16-May	9-May	2-May	23-May	16-May	9-May	2-May
General beds	11 970	11 991	12 059	12 347	5 220	5 241	5 309	5 626
Empty	9 965	10 136	9 631	8 873	4 445	4 415	4 176	3 799
Gen. bed Occupancy	16.8%	15.5%	20.1%	28.1%	14.8%	15.8%	21.3%	32.5%
ICU beds	1 156	1 171	1 069	1 092	840	855	753	773
Empty	856	801	664	565	676	638	494	420
ICU bed Occupancy	26.0%	31.6%	37.9%	48.3%	19.5%	25.4%	34.4%	45.7%

6. Essential Health Services

About **78 thousand** ANC-1 services were provided by the public health facilities in Bangladesh in April 2021. The ANC-1 services status in April 2021 has decreased by **22%** as compared to that of March 2021. It is important to assess the cause and the alternative strategies adopted to address the decline. However, when compared to the ANC-1 service utilization in April 2020, utilization in April 2021 is **20%** higher representing a better situation as compared to last year.

About **40 thousand** PNC-1 services for mothers were provided by public health facilities in April 2021, which is **25%** lower as compared to March 2021. It is important to evaluate the cause and the alternative strategies adopted to address the decline. When compared to the PNC-1 service utilization in April 2020, utilization in April 2021 is only **1%** higher, indicating a setback in progress, which is concerning and calls for adequate attention.

The figure below is showing the Number of Outpatient and Inpatient services, as of 30 APR 2021



7. Vaccination

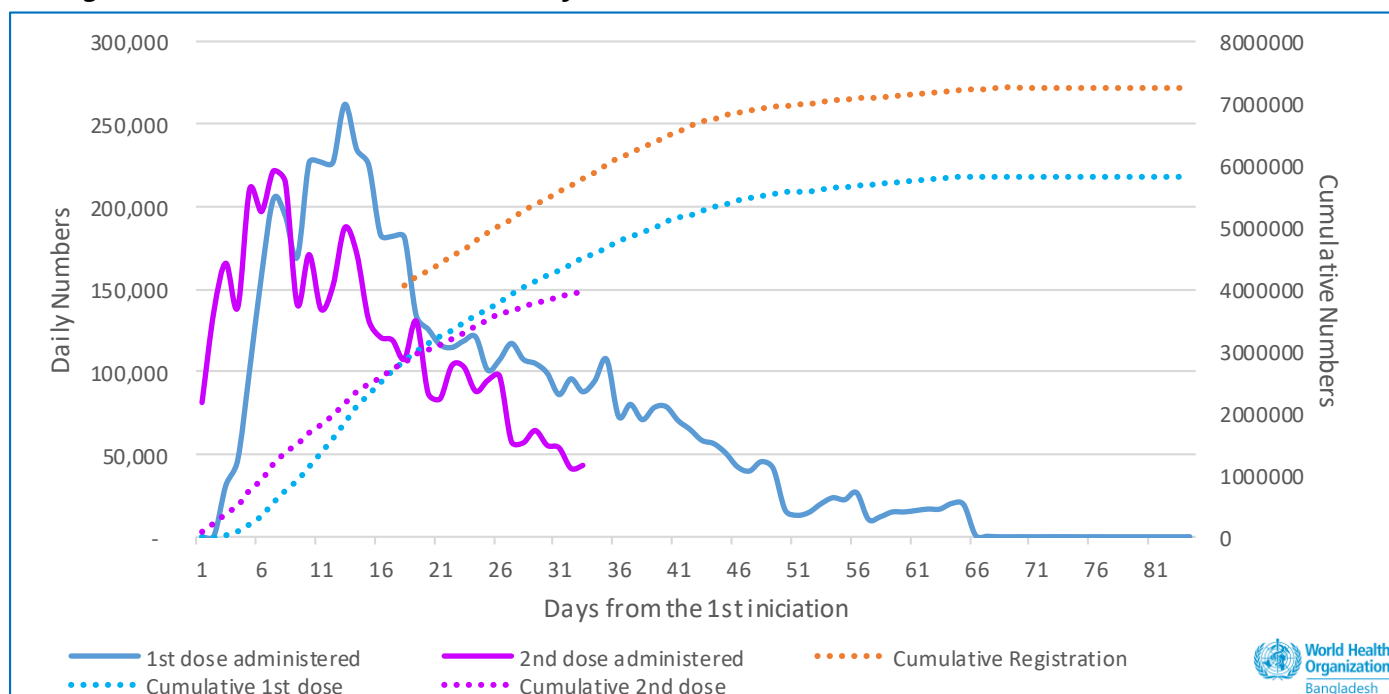
The nationwide COVID-19 vaccination was launched on 7 February 2021 and the 2nd dose inoculation was started on 8 April 2021. Since the beginning, as of 16 May 2021, a total of **9 835 493** doses of Oxford/AstraZeneca (COVISHIELD) vaccine were administered in the whole country, out of which 5,819,971 population received their 1st dose and 4 015 522 completed for their two doses schedule. Total 3 609 029 (**62%**) males and 2 210 942 (**38%**) females received their 1st dose of vaccine, while 2 571 521 (**64%**) males and 1 444 001 (**36%**) females received their 2nd doses of vaccine. The government is preparing to expedite the rollout of 500 000 doses Sinopharm COVID-19 vaccines received from the People's Republic of China. Two doses of Sinopharm Vaccine, at an interval of 28 days (4 weeks) between the doses, will be administered exclusively to the selected population/priority group subject to the number of available vaccine doses. The rollout plan proposed is, first run to be conducted on 25 May 2021 in selected four government medical college hospitals of Dhaka Metropolitan City, and after certain days gap, wide rollout in the selected health facilities of the whole country.

The table below shows the number of persons who have taken the 1st and 2nd shot of COVID-19 vaccine, 27 JAN – 23 MAY 2021

Division	1 st dose administered	% of population* taken the 1 st shot	2 nd dose administered	% of population* taken the 2 nd shot
Barishal	251 345	8.8%	174 823	6.1%
Chattogram	1 178 204	12.0%	808 972	8.3%
Dhaka	1 808 034	14.4%	1 382 121	11.0%
Khulna	731 089	13.5%	486 254	9.0%
Mymensingh	289 233	7.6%	180 461	4.8%
Rajshahi	663 967	10.4%	401 583	6.3%
Rangpur	596 943	11.0%	368 246	6.8%
Sylhet	301 156	8.8%	213 062	6.2%
Total	5 819 971	11.7%	4 015 522	8.1%

*Eligible population >40 years old

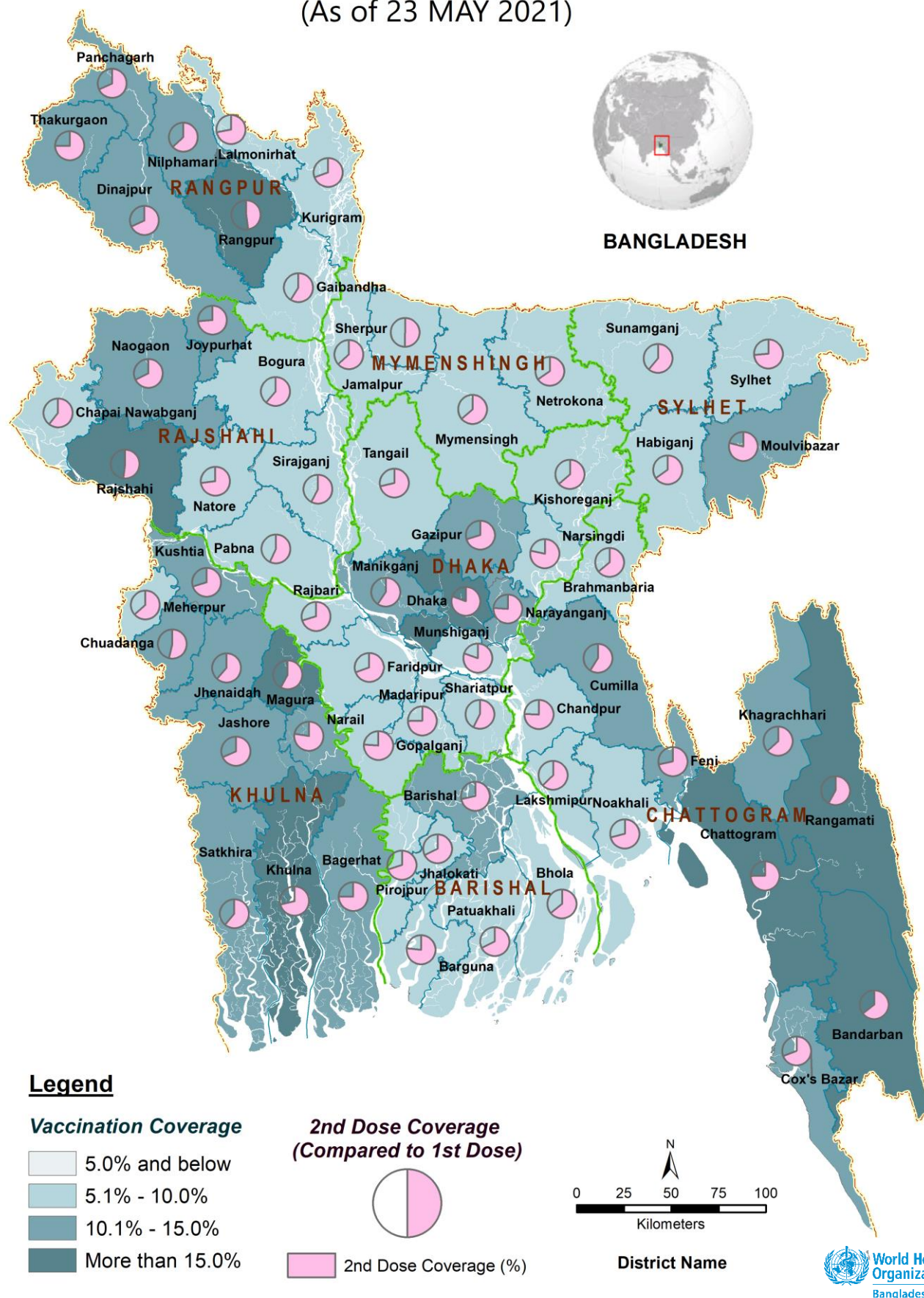
The figure below shows the trend of the daily number of COVID-19 vaccine administered, as of 23 MAY 2021



The map below is showing the COVID-19 Vaccination status as of 23 MAY 2021

COVID-19 Vaccination Coverage

(As of 23 MAY 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>