







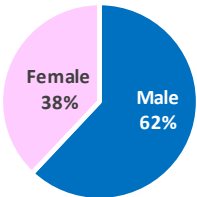




| Tested  | Confirmed Cases   | Recovered   | Death  | Hotline  |
|---|---|---|--|--|
| <br><b>5 707 716</b> | <br><b>780 159</b> | <br><b>722 036</b> | <br><b>12 149</b> | <br><b>27.9 million</b> |
| Test/100 000/Week   | Case/100 000/Week   | Recovery Rate   | CFR%   | AR/100 000   |
| <b>45</b>   | <b>3.9</b>  | <b>92.5%</b>  | <b>1.56</b>  | <b>458</b>   |
| Testing Lab/Centres Number Tests (N=459)  |   |   | PoE Screening  |  |
| RT PCR Lab : <b>128</b> <b>5 604 052</b>  |   |   |                   | <b>1 569 679</b>   |
| GeneXpert Lab : <b>36</b> <b>44 813</b>   |   |   |  |  |
| Rapid Antigen : <b>295</b> <b>58 851</b>  |   |   |  |  |
| Last week daily Test average: <b>10 975</b>   |   |   |                   | <b>83 257</b>  |
| Vaccination   |   |   |                   | <b>7 029</b>   |
| Persons registered <b>7 248 829</b>   |   |   |                     | <b>510 829</b>   |
| Vaccinated (1 <sup>st</sup> dose) <b>5 819 912</b>  |   |   |  |  |
| Vaccinated (2 <sup>nd</sup> dose) <b>3 700 083</b>  |   |   |  |  |
| National coverage (1 <sup>st</sup> dose) <b>11.7%</b>   |   |   |  |  |
| Dhaka city coverage (1 <sup>st</sup> dose) <b>38.0%</b>   |   |   |  |  |
| <i>1<sup>st</sup> dose by Gender</i>  |   |   |  |  |

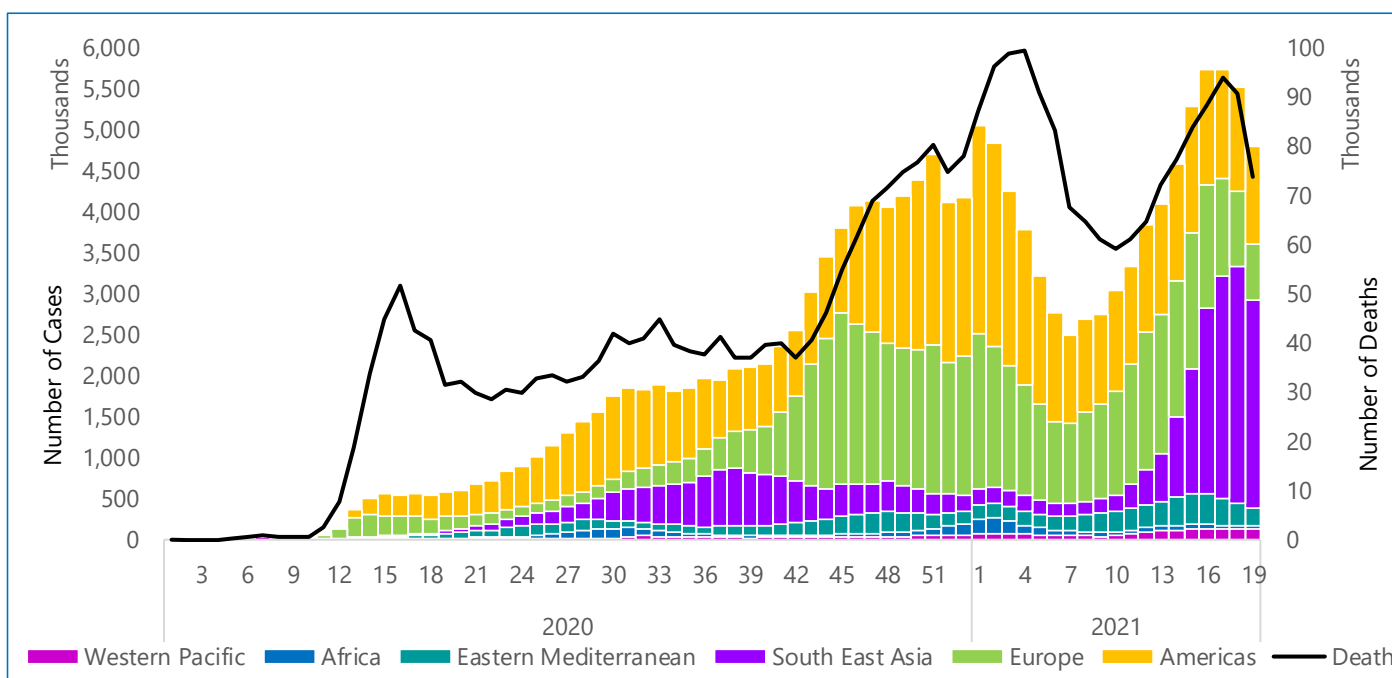
Date Source: Directorate General of Health Services, MoHFW, Bangladesh

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## 1. Global Situation

Globally, as of 16 May 2021, there have been **162 177 376** confirmed cases of COVID-19, including **3 364 178** deaths, received by the WHO from national authorities. The USA, the world's worst-hit country, has counted **32 574 504** (40 431) cases with **579 664** (680) deaths, followed by India with **24 684 077** (311 170) cases and the third-highest death of **270 284** (4 077). Brazil reported the third-highest cases of **15 519 525** (85 536) and the second-highest deaths of **432 628** (2 211).

*The figure below shows the weekly change of COVID-19 cases by WHO region as of 16 MAY 2021*



Over **4.8 million** new cases were reported last week, a **19.2%** decrease from the previous week. Weekly cases increased only in the Western Pacific Region (**4.1%**) and the African Region (**2.0%**); while, weekly cases decreased in the Eastern Mediterranean Region by **16.7%**, the European Region (**16.5%**), the South East Asia Region by (**15.3%**) and the region of Americas by **4.9%**. Globally, 137 (**58%**) countries/territories are seeing declines while 68 (**29%**) are experiencing increasing numbers of new cases; the remaining 31 (**13%**) have no growth during the reporting week.

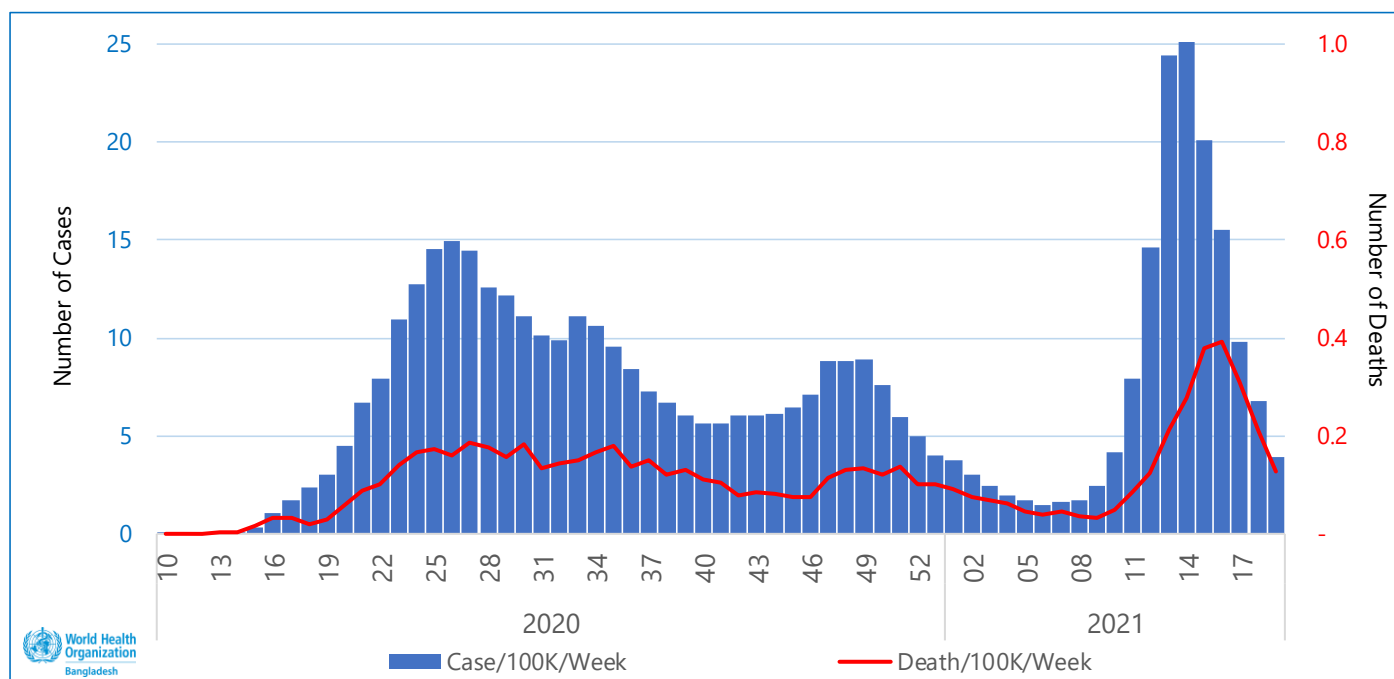
*The figure below shows top-ranked countries for total Cases, Deaths, and New cases of COVID-19, 01 JAN 2020 – 16 MAY 2021*

| Cases        |            |  | Deaths       |         |  | New Cases    |         |  |
|--------------|------------|--|--------------|---------|--|--------------|---------|--|
| The USA      | 32 574 504 |  | The USA      | 579 664 |  | India        | 311 170 |  |
| India        | 24 684 077 |  | Brazil       | 432 628 |  | Brazil       | 85 536  |  |
| Brazil       | 15 519 525 |  | India        | 270 284 |  | The USA      | 40 431  |  |
| France       | 5 769 839  |  | Mexico       | 220 159 |  | Argentina    | 27 363  |  |
| Turkey       | 5 106 862  |  | The UK       | 127 675 |  | Colombia     | 16 581  |  |
| Russian Fed. | 4 940 245  |  | Italy        | 124 063 |  | France       | 15 685  |  |
| The UK       | 4 448 855  |  | Russian Fed. | 115 871 |  | Turkey       | 11 472  |  |
| Italy        | 4 153 374  |  | France       | 106 778 |  | Russian Fed. | 8 554   |  |
| Spain        | 3 598 452  |  | Germany      | 86 096  |  | Germany      | 8 500   |  |
| Germany      | 3 593 434  |  | Colombia     | 80 250  |  | Nepal        | 8 046   |  |
| Bangladesh   | 780 159    |  | Bangladesh   | 12 149  |  | Bangladesh   | 363     |  |

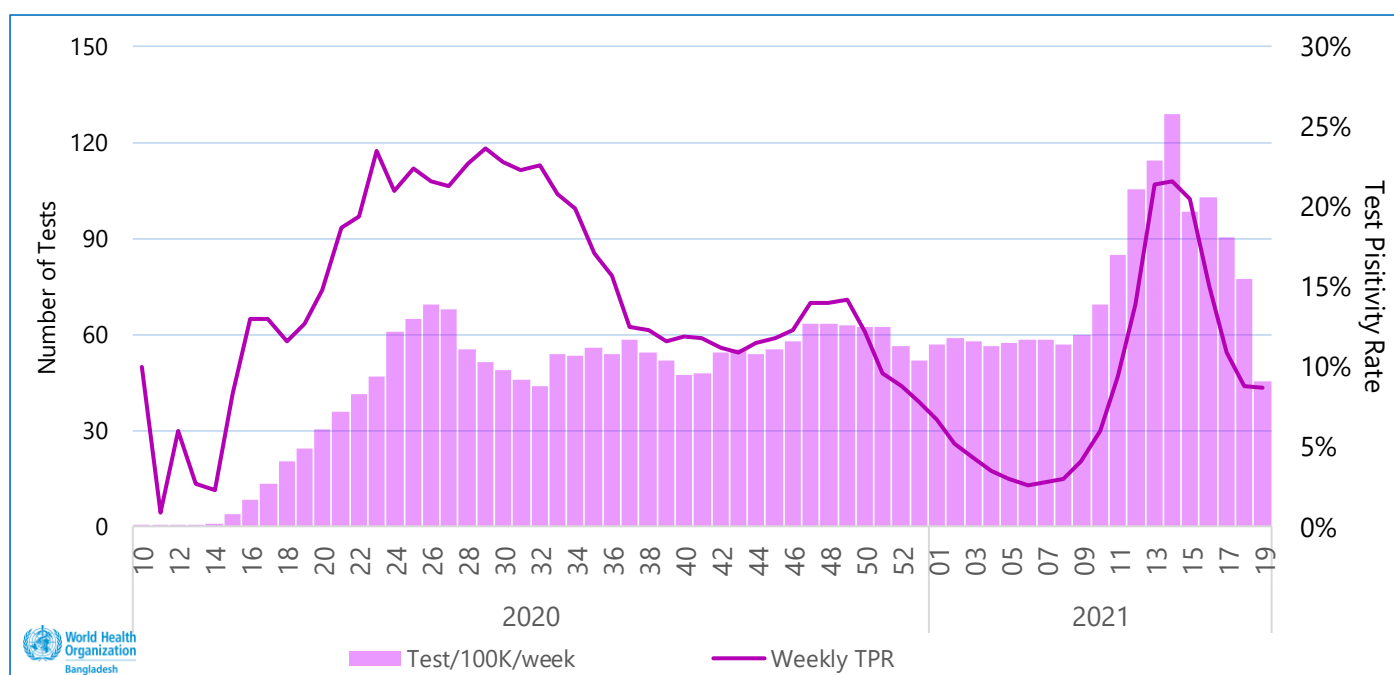
## 2. Bangladesh Situation

Between 8 March 2020 and 16 May 2021, according to the DGHS Press Release <<https://corona.gov.bd/press-release>> there were seven hundred eighty thousand, one hundred fifty-nine (**780 159**) COVID-19 cases confirmed by RT-PCR, GeneXpert, and Rapid Antigen tests including twelve thousand, one hundred forty-nine (**12 149**) related deaths (**CFR 1.56%**). Bangladesh is among the top **33** countries and accounts for **0.48%** of the COVID-19 cases of the world.

The figure below is showing the trend of weekly cases, deaths of COVID-19 as of 16 MAY 2021



The graph below is showing the weekly number of samples tested and the Positivity ratio, as of 16 MAY 2021



In the past week (epidemiological week 19, 2021), Bangladesh reported **6 646** new cases, a **42.6% decrease** compared to last week; the case per 100 000 population per week is **3.9**. The country reported **215** new death, a **39.4% decrease**; death per 100 000 per week is **0.1**. The weekly new test is **76 822** (daily average: **10 975**), a **41.8% decrease** than the week before; tests per 100 000 per week is **45**; the weekly average test positivity rate (TPR) is **8.7%**, TPR **decreased** by **1.4%** from last week. Overall Case Fatality Ratio (CFR) is **1.56%** which was 1.54% last week.

### 3. Surveillance & Laboratory

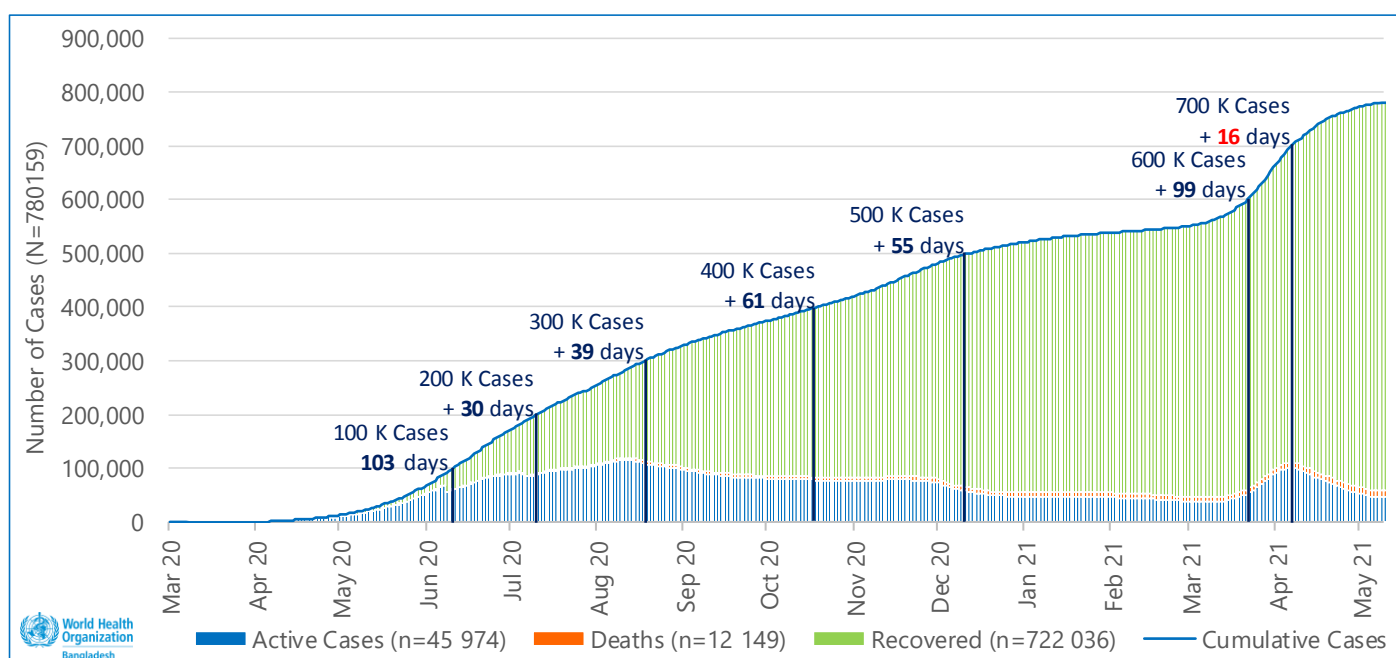
As of 16 May 2021, **70.7%** of reported cases were from Dhaka division (**60.9%** at Dhaka city), Chattogram – **12.7%**, Rajshahi – **4.2%**, Khulna – **4.1%**, Sylhet – **2.7%**, Rangpur – **2.4%**, Barishal – **1.9%** and the lowest **1.3%** from Mymensingh division. While **57.8%** of the reported death were from Dhaka division (**34.6%** at Dhaka city), Chattogram – **18.7%**, Khulna – **6.0%**, Rajshahi – **5.3%**, Rangpur – **3.7%**, Sylhet – **3.5%**, 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 16 MAY 2021*

| Division        | 08 MAR 2020 – 16 MAY 2021 |               |              | Week 19, 2021 (10 – 16 MAY 2021) |               |            |
|-----------------|---------------------------|---------------|--------------|----------------------------------|---------------|------------|
|                 | Cases                     | Death         | CFR (%)      | Cases                            | Weekly Change | Death      |
| Dhaka           | 551 896                   | 7 020         | 1.27%        | 3 506                            | -50.2%        | 98         |
| Chattogram      | 98 904                    | 2 275         | 2.30%        | 1 594                            | -24.3%        | 66         |
| Rajshahi        | 32 852                    | 638           | 1.94%        | 424                              | -34.0%        | 15         |
| Khulna          | 32 085                    | 732           | 2.28%        | 376                              | -35.5%        | 7          |
| Sylhet          | 20 992                    | 424           | 2.02%        | 315                              | -26.9%        | 12         |
| Rangpur         | 18 346                    | 444           | 2.42%        | 136                              | -22.3%        | 10         |
| Barishal        | 15 077                    | 368           | 2.44%        | 153                              | -47.6%        | 6          |
| Mymensingh      | 10 007                    | 248           | 2.48%        | 142                              | -53.1%        | 1          |
| <b>National</b> | <b>780 159</b>            | <b>12 149</b> | <b>1.56%</b> | <b>6 646</b>                     | <b>-42.6%</b> | <b>215</b> |

In the epi-week 19, all the divisions experienced negative growth of new cases; the highest decrease observed in the Mymensingh division, **53.1%** (142 this week and 303 in the week before), followed by the Dhaka division **50.2%** (3 506 and 7 038 respectively). The Dhaka division reported the highest number of new cases (3 506), **8** new cases per 100 000/week with a **decrease** of 50.2% of weekly cases; and the Rangpur division reported the lowest number (136) of new cases, **1** new case per 100 000/week. Out of the 780 159 COVID-19 cases registered as of 16 May 2021, **92.5%** (722 036) recovered, **5.9%** (45 974) were active cases, and the remaining died (previously mentioned as CFR). In epidemiological week 19, the average number of COVID-19 active cases **decreased** by **15.0%** compared to the week before (**47 568** and 55 936 respectively); during the same time, recovery decreased by **48.0%** (**11 874** in the current week and 22 834 in the week before).

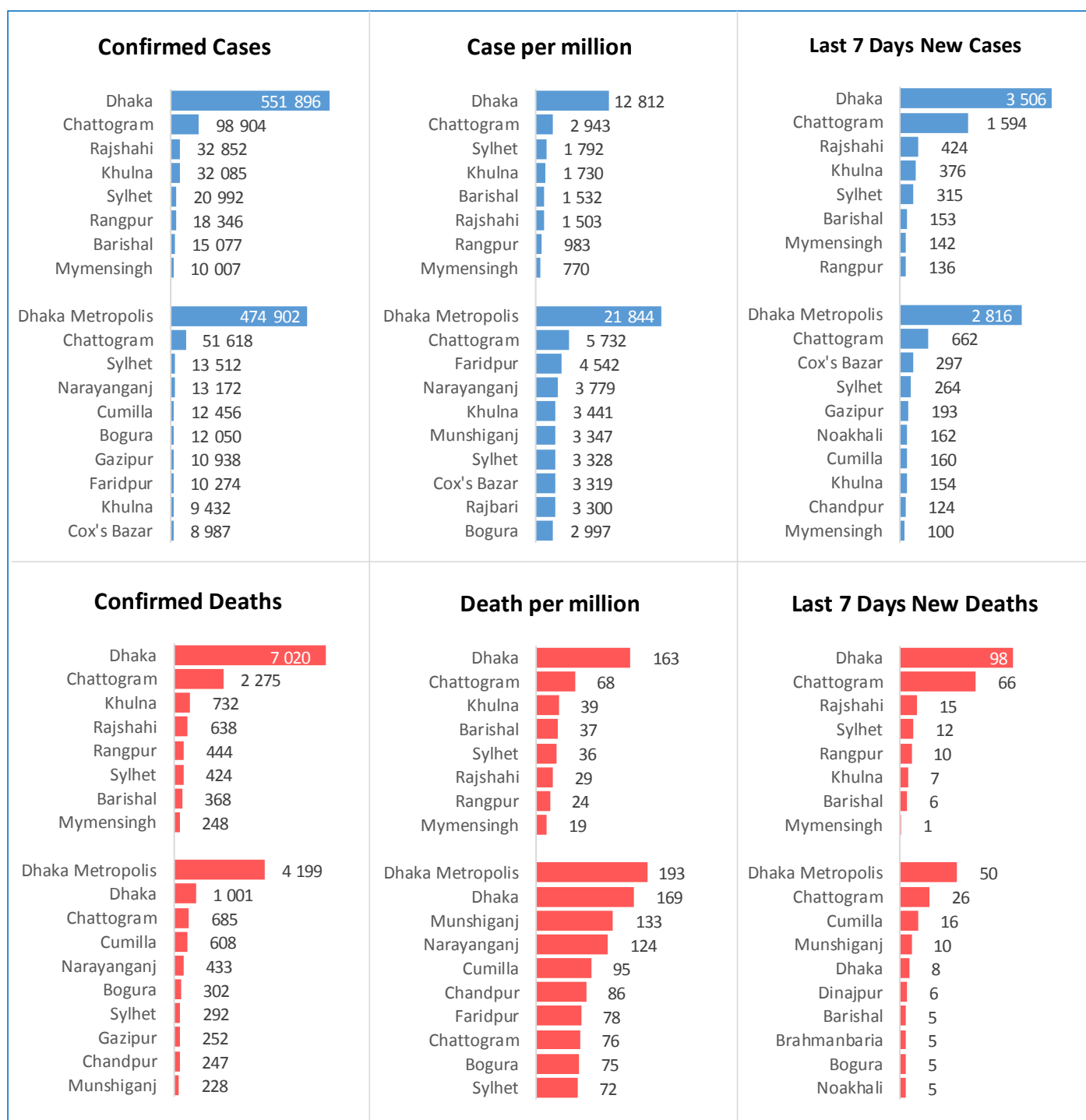
*The figure below is showing daily status of the Outcome of COVID-19 cases as of 16 MAY 2021*



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 decreased to **949** from 1 653 in the week before.

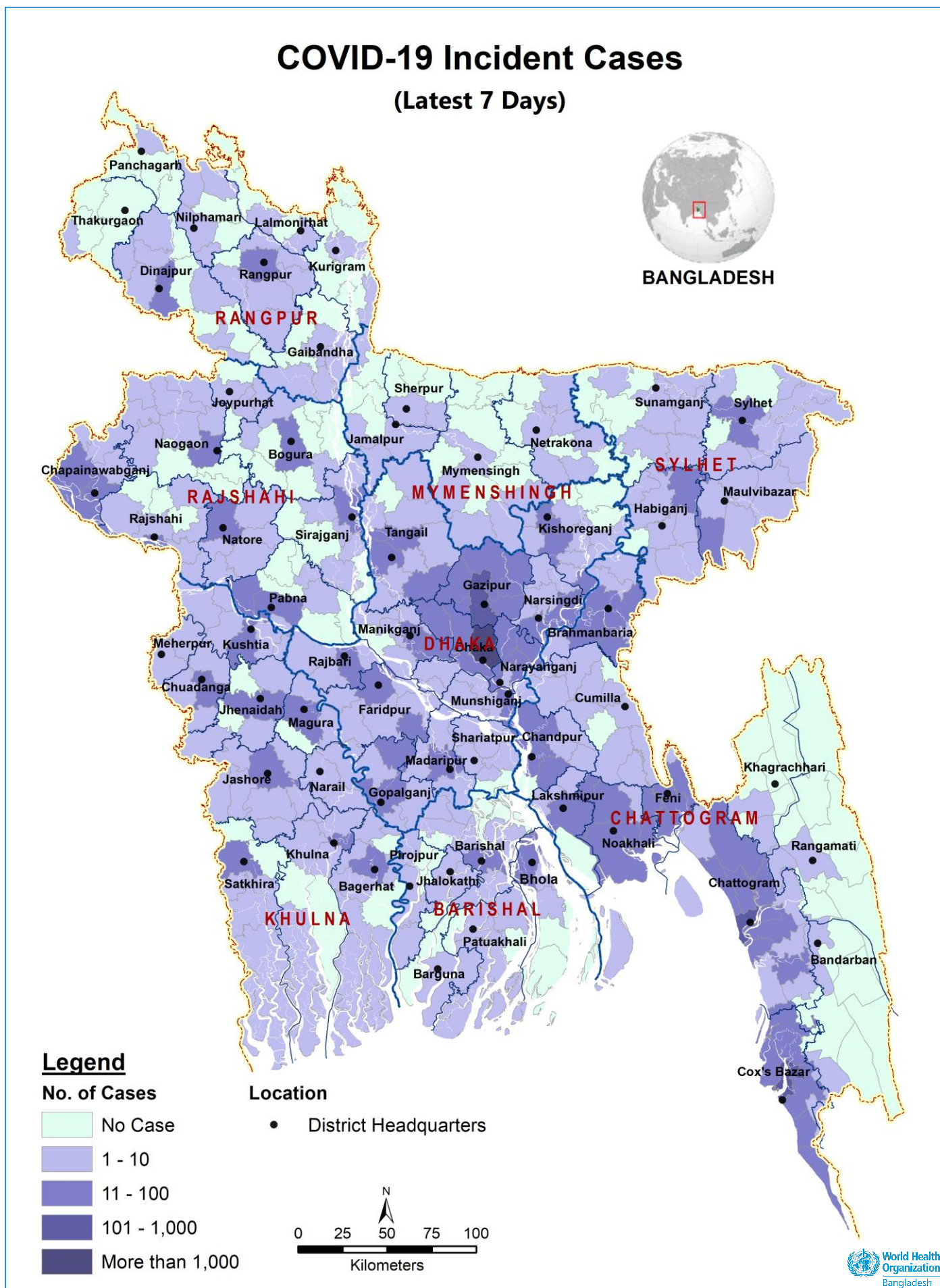
As of 16 May 2021, according to the DGHS Press Release, **5 707 716** COVID-19 tests (RT-PCR **98.2%**, GeneXpert **0.8%**, and Rapid Antigen **1.0%**) were conducted in Bangladesh with an overall positivity rate of 13.67% (**6.69%** in the last 24 hours) by **459** laboratories/test centres. So far, **73.3%** of the samples (4 182 491) have been tested for COVID-19 in government facilities (RT-PCR **52/128**, GeneXpert **34/36**, and Rapid Antigen **295/295**). During the last week, one (1) GeneXpert lab (Kalmakanda Upazila Health Complex, Netrokona) and 04 Rapid Antigen test centres have been added to the network of COVID-19 testing facilities.

**The figure below shows the top ranked districts/city with higher number of COVID-19 cases and deaths, as of 16 MAY 2021**





The map below is showing the distribution of COVID-19 new cases during week 19 (10 – 16 MAY), 2021



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

In the reported week (week 19, 2021), the number of international flights arrived at three international airports has **decreased** by 15% than the week before (174 and 204 flights, respectively), and the number of incoming passengers has **decreased** by 15% (24 314 and 28 478 persons, respectively). In the reported week, **4 064** travellers were sent to Institutional Quarantine, and **20 250** sent for Home quarantine after passenger screening at the Points of Entry.

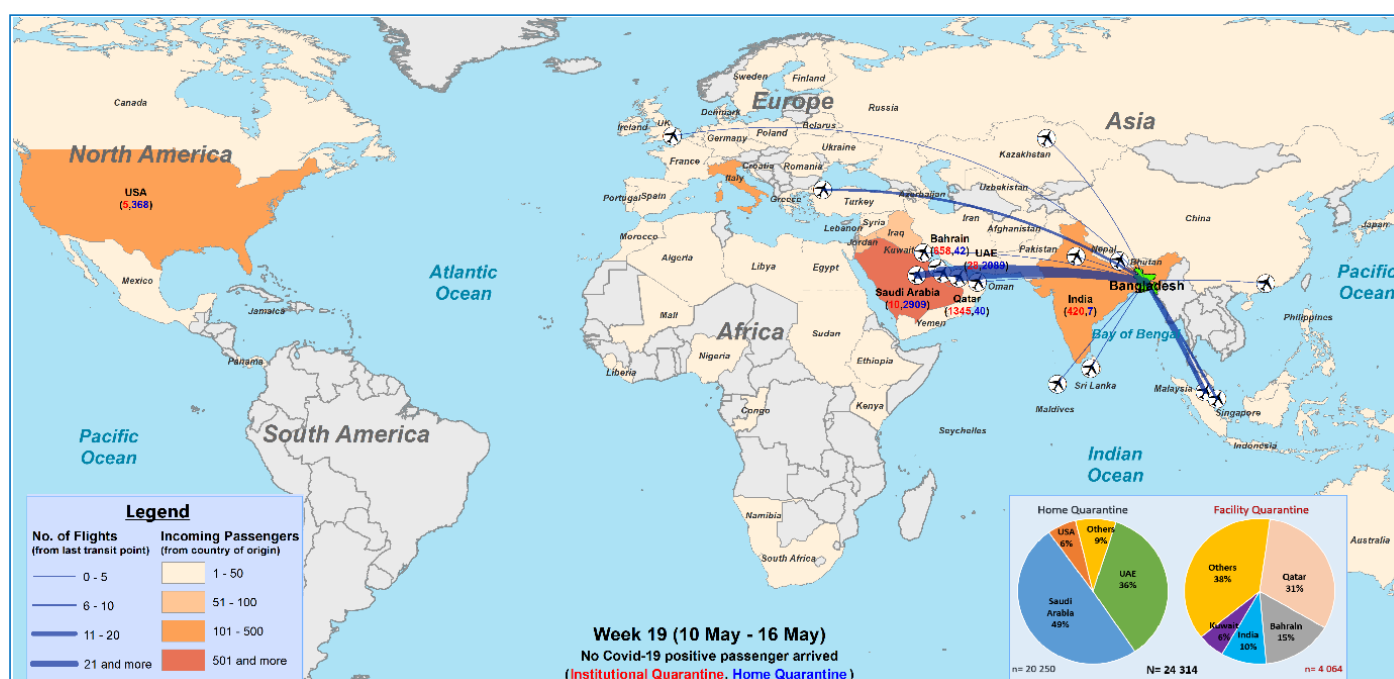
**The table below is showing the quarantine status of incoming travellers as captured through PoE Surveillance, 10 – 16 MAY 2021, Bangladesh**

| Points of Entry          | Home Quarantine | Facility Quarantine | Facility Isolation | Total Traveller |
|--------------------------|-----------------|---------------------|--------------------|-----------------|
| Benapole LC, Jashore     | 7               | 136                 | 0                  | 143             |
| Akhaura LC, Brahmanbaria | 0               | 284                 | 0                  | 284             |
| HSIA, Dhaka              | 20 243          | 3 644               | 0                  | 23 887          |
| SAIA, Chattogram         | 0               | 0                   | 0                  | 0               |
| OIA, Sylhet              | 0               | 0                   | 0                  | 0               |
| <b>Total</b>             | <b>20 250</b>   | <b>4 064</b>        | <b>0</b>           | <b>24 314</b>   |

\* 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 16 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 **61412** individuals were placed in quarantine facilities, and 55 731 (**91%**) of them have already been released. Over the same period, a total of **128 041** individuals were isolated in designated health facilities, and 110 200 (**86%**) of them were released.

**The map below is showing the geographical distribution of incoming flights and travellers captured through PoE Surveillance, week 19 (10 – 16 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, 44% travelled from Qatar, 21% from Bahrain, 12% from India, 8% from Kuwait, 5% from Italy, 3% from Iraq, 1% each from France, UAE Turkey, Germany and Azerbaijan, and the remaining 2% from other countries.

## 5. Case Management and Infection Prevention & Control

According to DGHS, as of 16 May 2021, there are **11 991** general beds dedicated to COVID-19 treatment countrywide, **15.8%** (1 855) of which are occupied. **43.7%** of the dedicated general beds are in Dhaka City. There are **1 171** dedicated ICU beds in the country, of which **31.6%** (370) are occupied; **73.0%** 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*

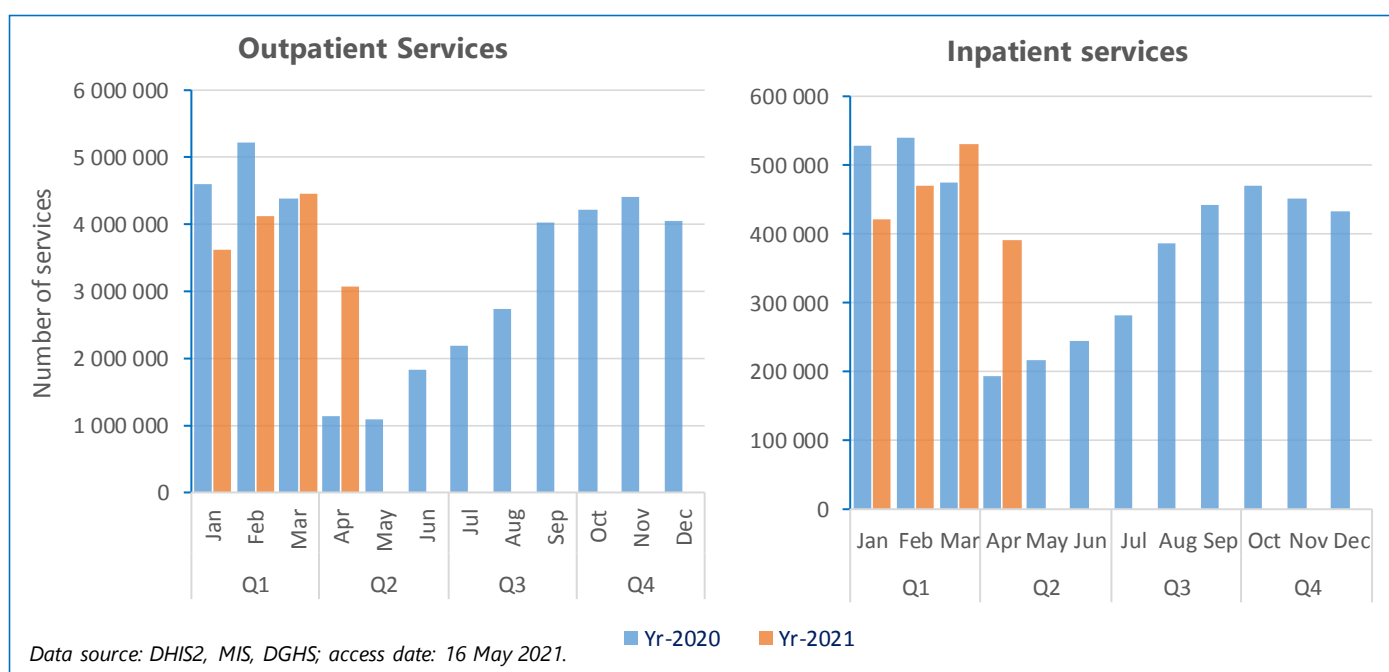
|                    | National |        |        |        | Dhaka  |        |        |        |
|--------------------|----------|--------|--------|--------|--------|--------|--------|--------|
|                    | 16-May   | 09-May | 02-May | 25-Apr | 16-May | 09-May | 02-May | 25-Apr |
| General beds       | 11 991   | 12 059 | 12 347 | 12 271 | 5 241  | 5 309  | 5 626  | 5 553  |
| Empty              | 10 136   | 9 631  | 8 873  | 7 231  | 4 415  | 4 176  | 3 799  | 2 556  |
| Gen. bed Occupancy | 15.5%    | 20.1%  | 28.1%  | 41.1%  | 15.8%  | 21.3%  | 32.5%  | 54.0%  |
| ICU beds           | 1 171    | 1 069  | 1 092  | 1 068  | 855    | 753    | 773    | 758    |
| Empty              | 801      | 664    | 565    | 355    | 638    | 494    | 420    | 219    |
| ICU bed Occupancy  | 31.6%    | 37.9%  | 48.3%  | 66.8%  | 25.4%  | 34.4%  | 45.7%  | 71.1%  |

## 6. Essential Health Services

More than 3 million Outpatient (OP) services were provided by the public health facilities in Bangladesh in April 2021. The OP services status in April 2021 has **decreased** by **31%** compared to that of March 2021, lockdown could be the reason for the decline of service utilization. However, when compared to the OP service utilization in April 2020, utilization in April 2021 is three times higher representing a better situation as compared to the last year.

About four hundred thousand inpatient services (IP) were provided by public health facilities in April 2021. In April 2021, IP services **decreased** by **26%** as compared to March 2021, lockdown could be the reason for the decline of IP services. However, the IP service utilization in April 2021 is two times higher than that of April 2020, representing a better situation as compared with the last year.

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





## 7. Vaccination

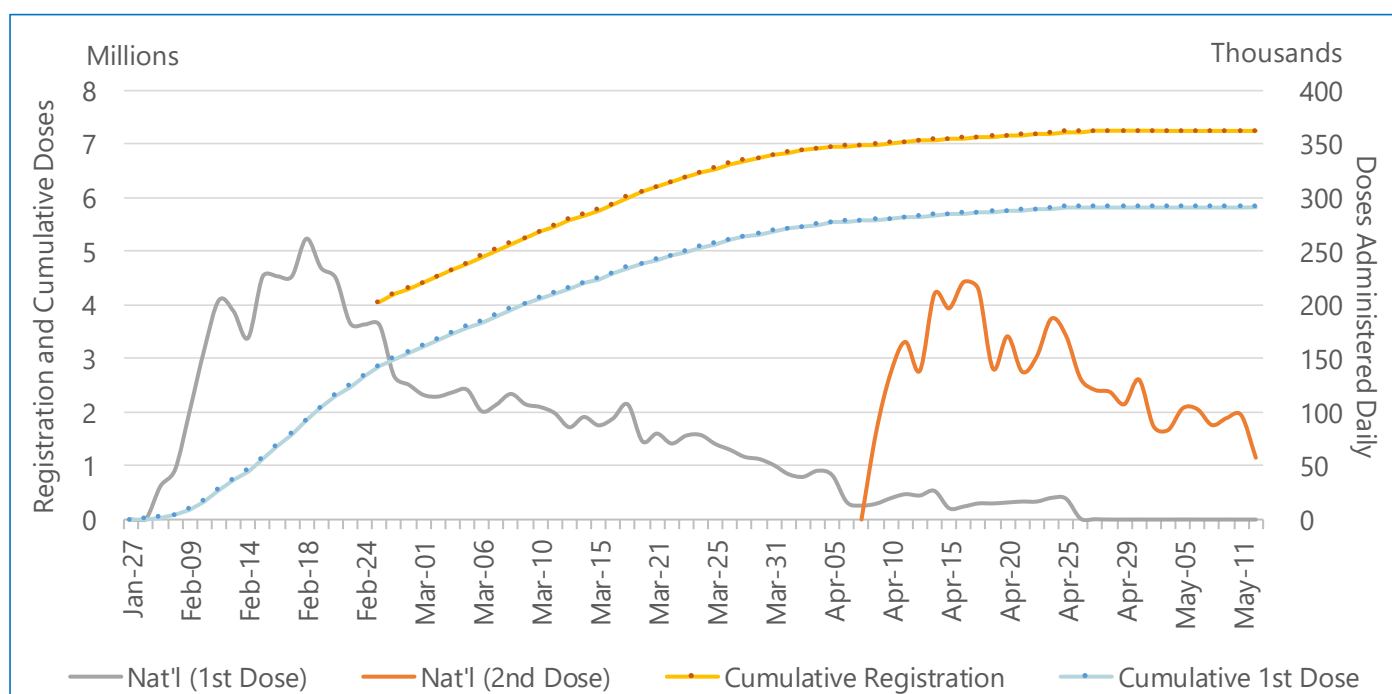
The nationwide COVID-19 vaccination was launched on 7 February 2021, and the 2nd dose inoculation was started on 8 April 2021. Since the beginning, as of 16 May 2021, a total of **9 519 995** doses of Oxford/AstraZeneca (COVISHIELD) vaccine were administered in the whole country, out of which, **5 819 912** population received their 1st dose, and **3 700 083** completed for their two doses schedule. Total 3 608 979 (**62%**) males and 2 210 933 (**38%**) females received their 1st dose of the vaccine while 2 378 675 (**64%**) males and 1 321 408 (**36%**) females received their 2nd doses of vaccine. So far, approximately **11.5%** of the country's eligible population (over 40 years old) has been vaccinated, while in Dhaka metropolitan, the coverage is **37.2%**. In the last week, the People's Republic of Bangladesh received 500 000 doses of Sinopharm COVID-19 vaccine from the People's Republic of China which is manufactured by the Beijing Institute of Biological Products Co., Limited (BIBP), a subsidiary of the China National Biotec Group (CNBG). The China National Pharmaceutical Group Corporation (Sinopharm) is CNBG's parent company.

**The table below shows the number of persons who have taken the 1<sup>st</sup> and 2<sup>nd</sup> shot of COVID-19 vaccine, 27 JAN – 16 MAY 2021**

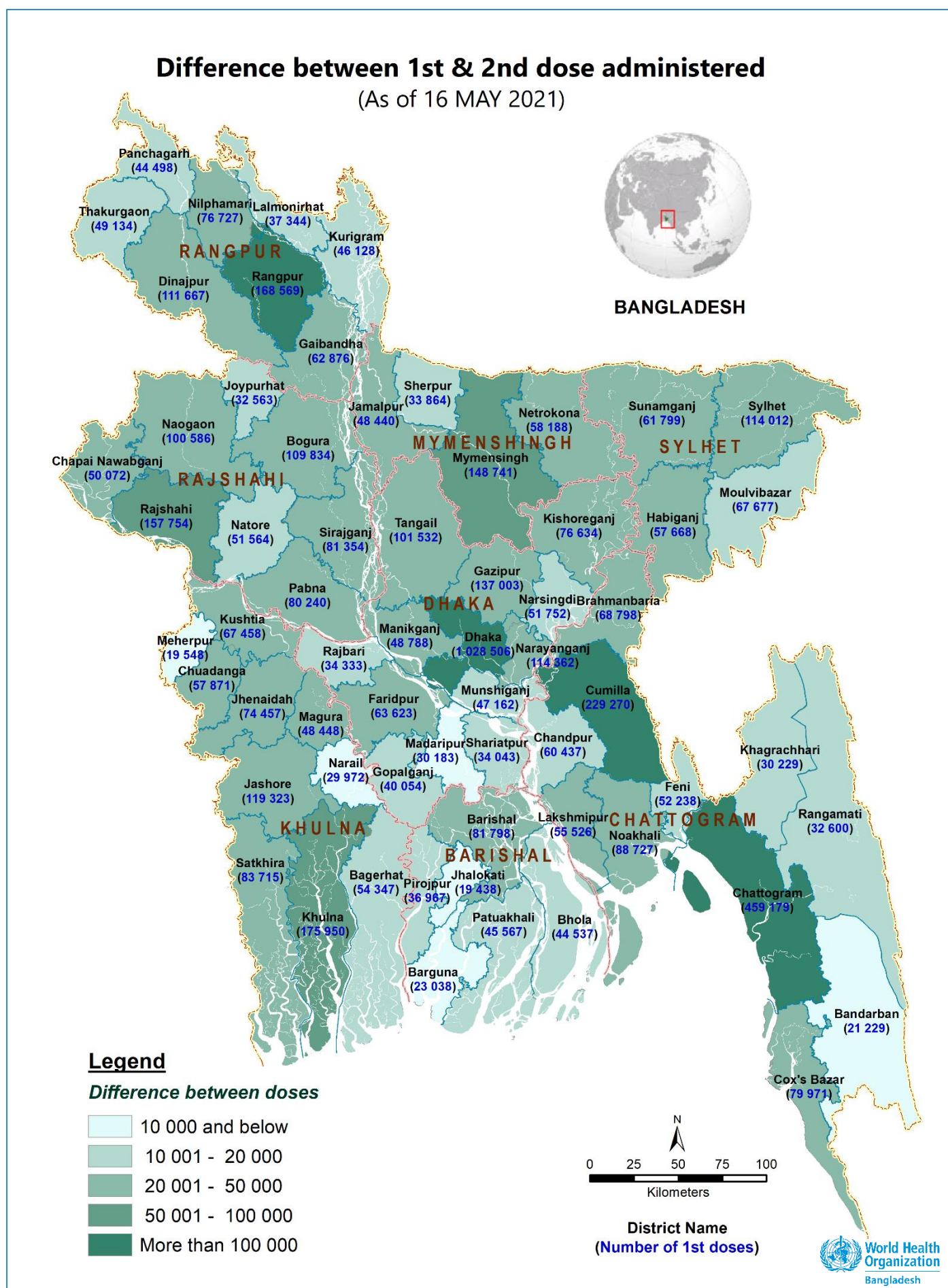
| Division     | 1 <sup>st</sup> dose administered | % of population* taken the 1 <sup>st</sup> shot | 2 <sup>nd</sup> dose administered | % of population* taken the 2 <sup>nd</sup> shot |
|--------------|-----------------------------------|---|-----------------------------------|---|
| Barishal     | 251,345                           | 8.8%  | 160528                            | 5.6%  |
| Chattogram   | 1,178,204                         | 12.0%   | 756612                            | 7.7%  |
| Dhaka        | 1,807,975                         | 14.4%   | 1248006                           | 10.0%   |
| Khulna       | 731,089                           | 13.5%   | 464938                            | 8.6%  |
| Mymensingh   | 289,233                           | 7.6%  | 160700                            | 4.2%  |
| Rajshahi     | 663,967                           | 10.4%   | 376860                            | 5.9%  |
| Rangpur      | 596,943                           | 11.0%   | 329127                            | 6.1%  |
| Sylhet       | 301,156                           | 8.8%  | 203312                            | 6.0%  |
| <b>Total</b> | <b>5,819,912</b>                  | <b>11.7%</b>                                    | <b>3,700,083</b>                  | <b>7.5%</b>                                     |

\*Eligible population >40 years old

**The figure below shows the trend of the daily number of COVID-19 vaccine administered, as of 16 MAY 2021**



The map below is showing the COVID-19 Vaccination status as of 16 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>