
















| Tested | Confirmed Cases | Recovered | Death | Hotline |
|--|--|--|--|--|
|  3,457,453 |  527,632 |  472,437 |  7,906 |  23.39 million |
| Test/100,000/Week | Case/100,000/Week | Recovery Rate | CFR% | AR/100,000 |
| 58.8 | 3.0 | 89.5% | 1.50 | 310 |
| Laboratories | | PPE Stock | PoE Screening | |
| RT PCR Lab : 115 GeneXpert Lab : 28 Rapid Antigen : 56 Weekly average Test : 14,305 | |  793,373 |  1,019,341 | |
| | |  6,639,565 |  62,160 | |
| | |  241,356 |  7,029 | |
|  5.2% Weekly Positivity | |  1,649,189 |  440,931 | |
|  15.3% Overall Positivity | | | | |

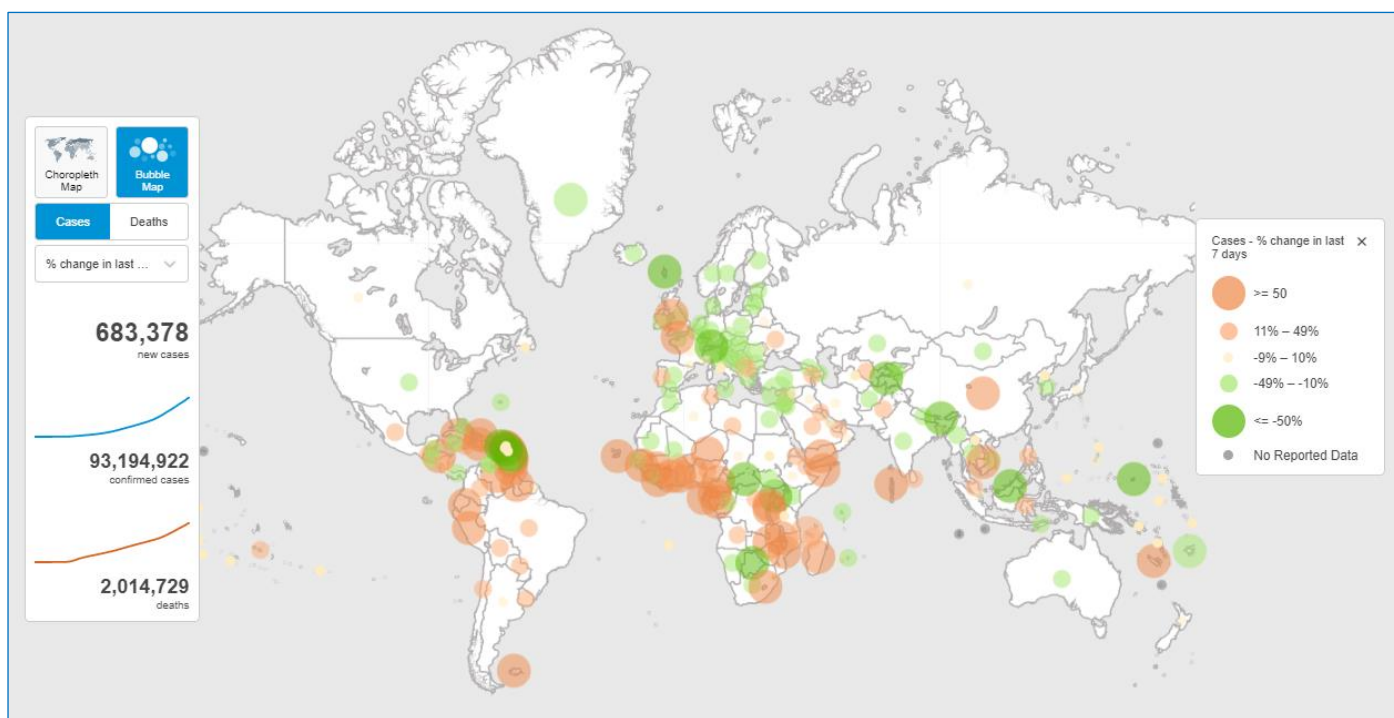
Date Source: Directorate General of Health Services, MoHFW, Bangladesh

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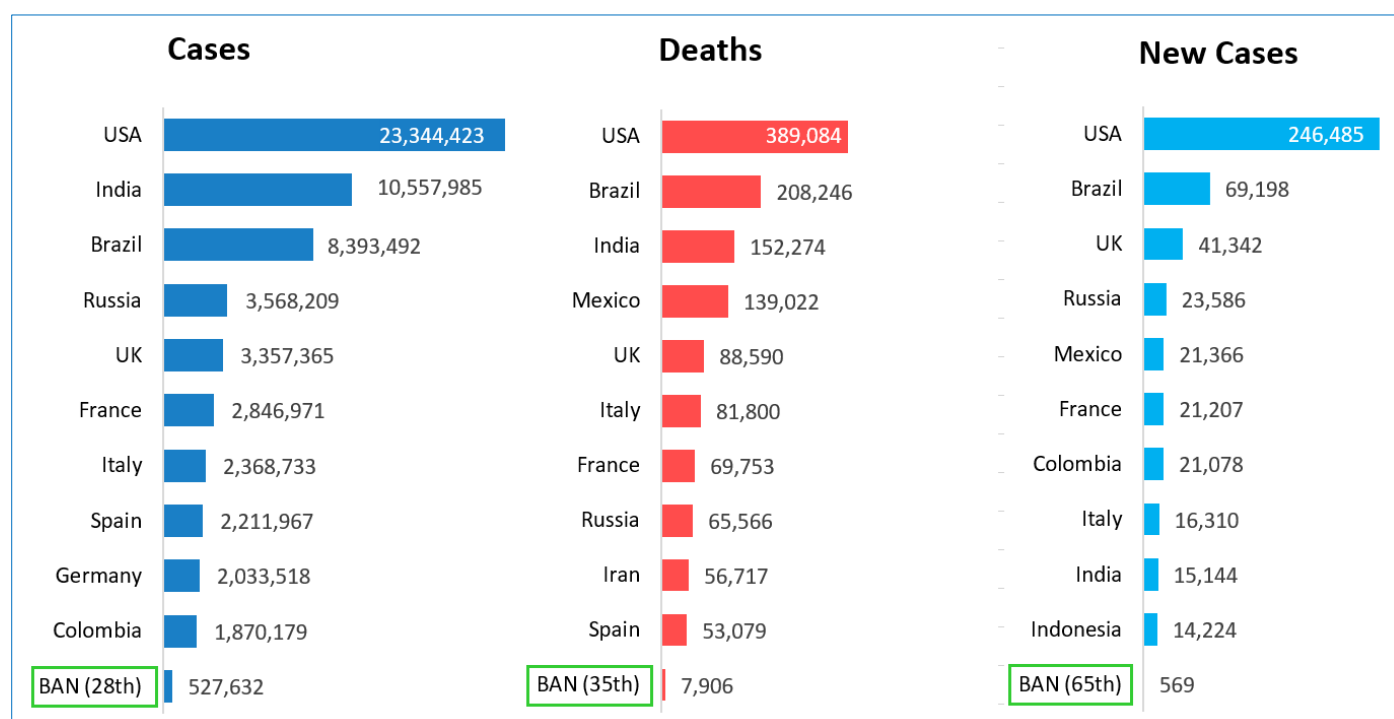
1. Global Situation

Globally, as of 9:35pm, 17 January 2021, there have been 93,194,922 confirmed cases of COVID-19, including 2,014,729 deaths, reported to WHO by national authorities. USA, the world's worst hit country, has counted **23,344,423** (246,485) cases with **389,084** (3,671) deaths as reported to WHO; followed by India with **10,557,985** (15,144) cases; while Brazil reported the third highest cases of **8,393,492** (69,198) and second highest deaths **208,246** (1,151) followed by India **152,274** (181) at the same cut off time.

The figure below is showing global growth of COVID-19 Cases, 11 – 17 January 2021



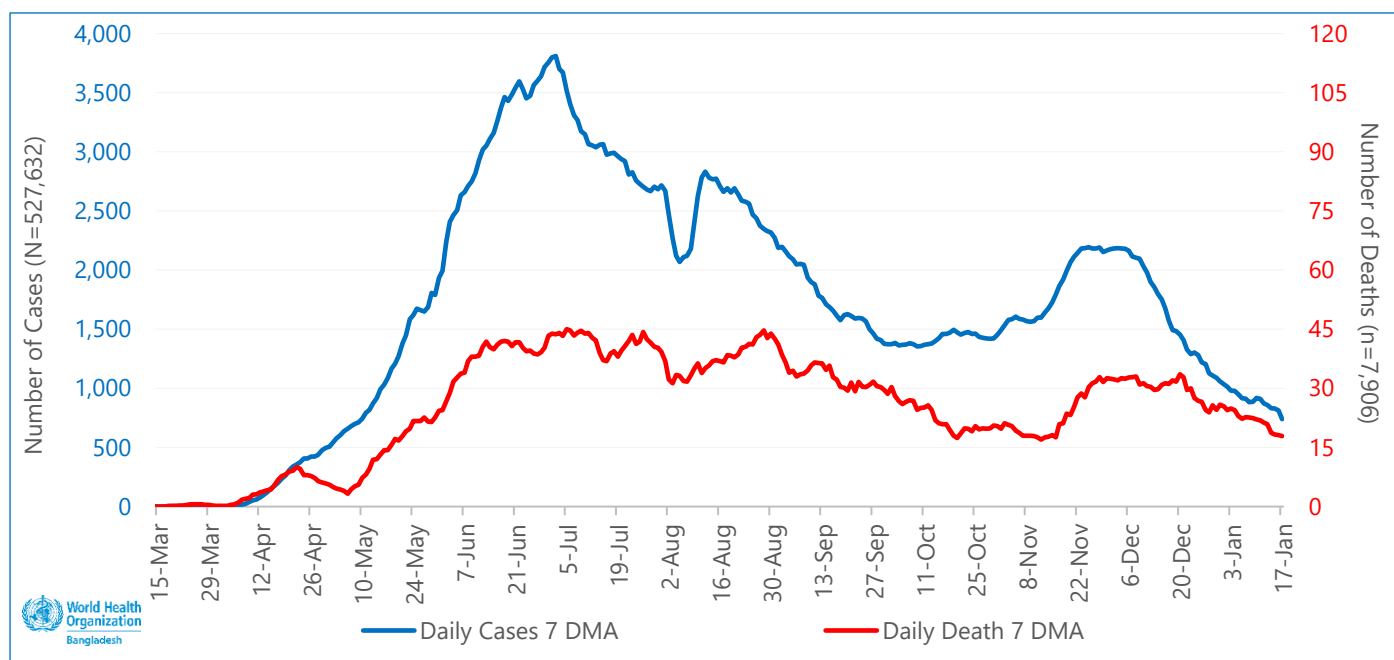
The figure below shows top ranked countries for total confirmed Cases, Deaths and New cases of COVID-19, 01 January 2020 – 17 January 2021



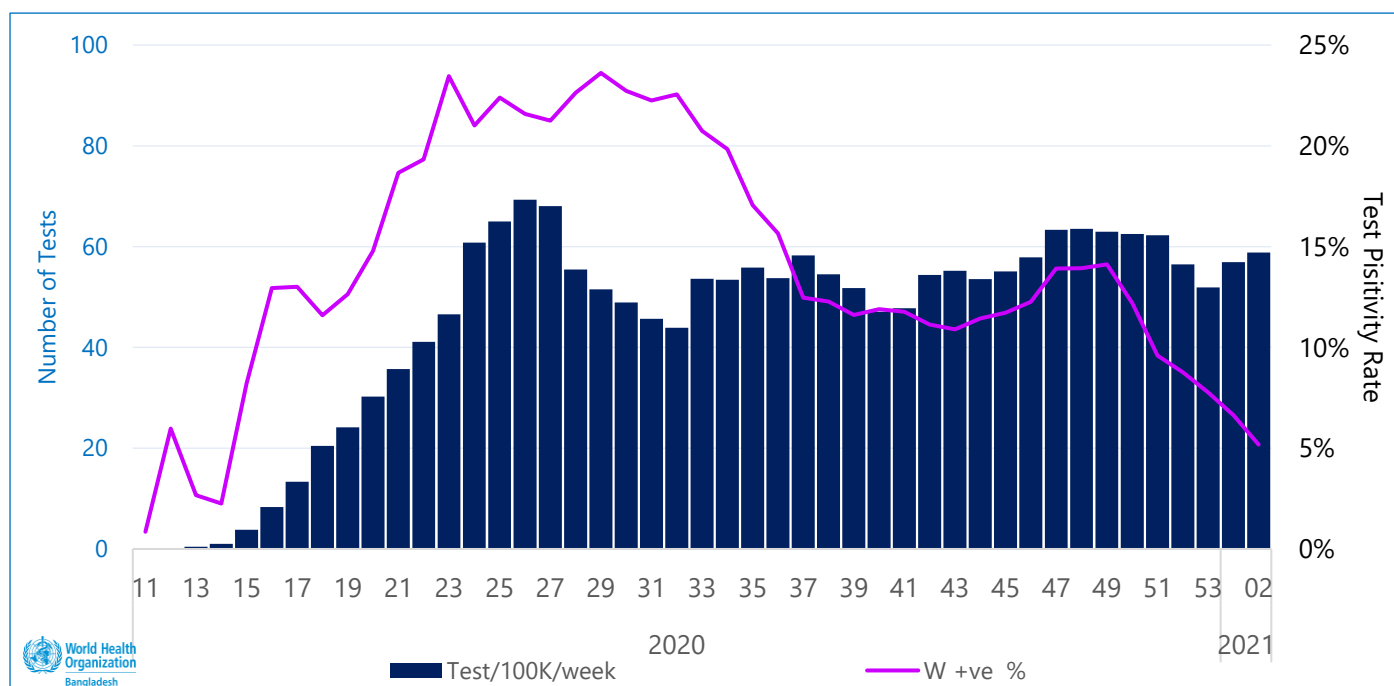
2. Bangladesh Situation

Between 8 March 2020 and 17 January 2021, according to the DGHS Press Release <<https://corona.gov.bd/press-release>> there were five hundred twenty-seven thousand six hundred thirty-two (**527,632**) COVID-19 confirmed by rRT-PCR, GeneXpert and Rapid Antigen tests including seven thousand nine hundred six (**7,906**) related deaths (**CFR 1.50%**). Bangladesh is the top 28th country in the world and accounts for **0.57%** of the COVID-19 disease burden of the world.

The figures below showing trend of COVID-19 Cases and Deaths, 15 March 2020 – 17 January 2021, Bangladesh



The figures below showing COVID-19 Test and Positivity, 08 March 2020 – 17 January 2021, Bangladesh

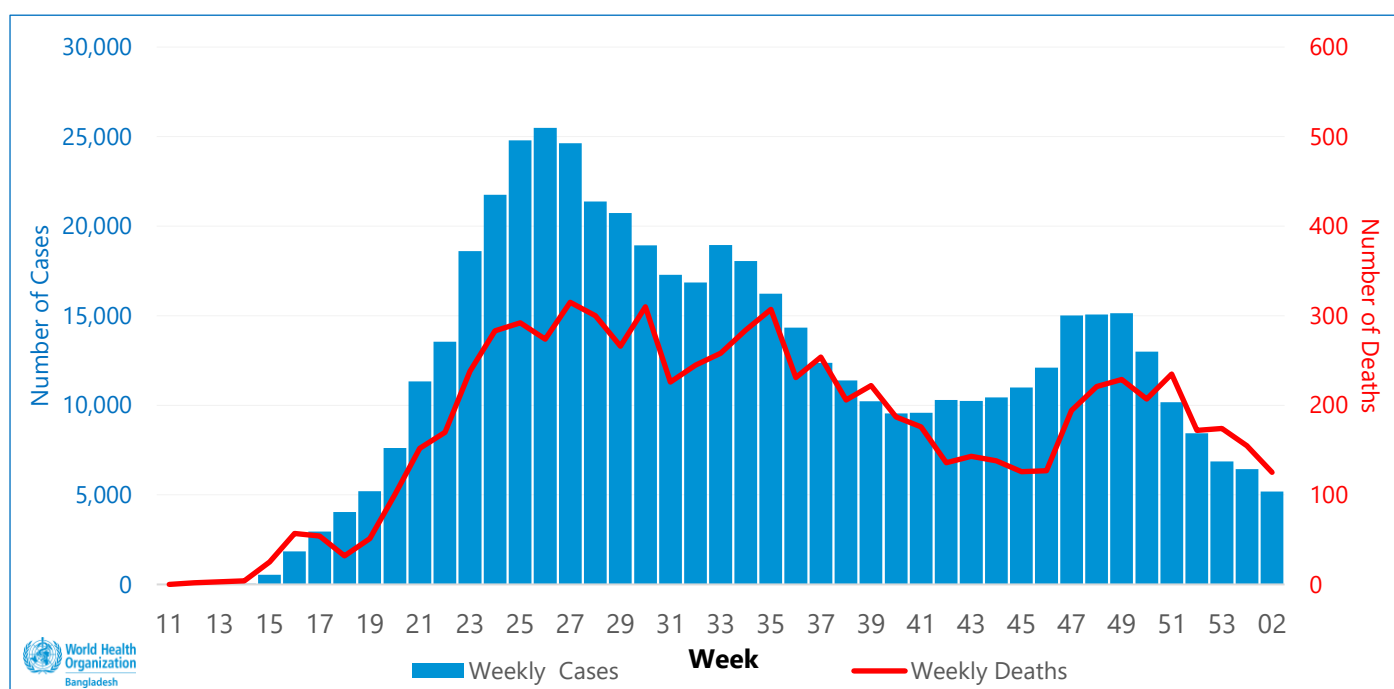


In the epidemiological week 02, 2021, number of new cases in Bangladesh is **5,179**; case per 100,000 population per week is **3.0**. New death is **125**; death per 100,000 per week is **0.07**. Weekly new test is **100,134** (daily average: **14,305**); tests per 100,000 per week is **58.8**; weekly test positivity rate is **5.17%**.

3. Surveillance & Laboratory

In the reported week (epidemiological week 02, 2021), in comparison to the previous epidemiological week, the number of new weekly COVID-19 cases **decreased** by **19.5%** (5,179 in week 02 and 6,434 in week 01, 2021) and the number of COVID-19 new weekly deaths **decreased** by **19.4%** (125 and 155 respectively); overall Case Fatality Ratio (CFR) **increase** to **1.50** which was 1.49 last week.

The figure below is showing weekly Cases and deaths of COVID-19, 09 March 2020 – 17 January 2021, Bangladesh



As of 17 January 2021, among the reported cases **26.7%** cases were confirmed in people between 30 and 39 years old, **19.7%** in the age group of 40 to 49, **18.2%** in 20 to 29 years and **16.6%** in the age group between 50 and 59 years old, **12.6%** in the age group 60 and above and **6.3%** in the age group below 20 years. The highest death rate (**32.0%**) in the older age group of 70 and above, **31.8%** was reported in the age group of 60 to 69 years old, **21.1%** in 50 to 59 years, and **15.1%** in the age group of below 50 years. Male represents **71%** and **76%** of the of total reported confirmed COVID-19 cases and deaths respectively.

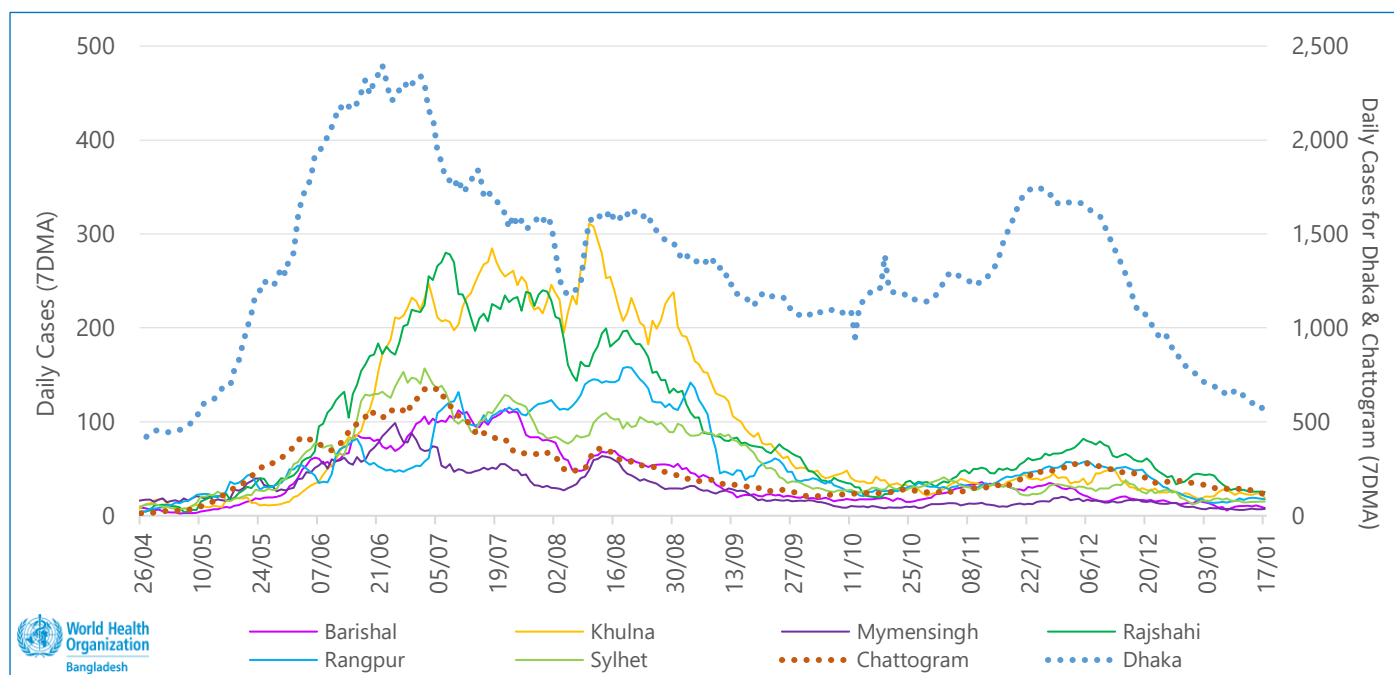
The table below is showing distribution of COVID-19 case and death, 08 March 2020 – 17 January 2021, Bangladesh

| Division | Cumulative | | | Week 02, 2021 | | |
|-----------------|----------------|--------------|-------------|---------------|------------|-------------|
| | Cases | Death | CFR (%) | Cases | Death | CFR (%) |
| Dhaka | 363,078 | 4,380 | 1.21 | 3,734 | 85 | 2.28 |
| Chattogram | 65,450 | 1,459 | 2.23 | 786 | 18 | 2.29 |
| Khulna | 25,197 | 541 | 2.15 | 148 | 4 | 2.70 |
| Rajshahi | 24,889 | 444 | 1.78 | 176 | 4 | 2.27 |
| Rangpur | 15,723 | 354 | 2.25 | 121 | 4 | 3.31 |
| Sylhet | 15,086 | 301 | 2.00 | 106 | 6 | 5.66 |
| Barishal | 10,527 | 243 | 2.31 | 58 | 1 | 1.72 |
| Mymensingh | 7,682 | 184 | 2.40 | 50 | 3 | 6.00 |
| National | 527,632 | 7,906 | 1.50 | 5,179 | 125 | 2.41 |

As of 17 January 2021, **68.8%** of reported cases were from **Dhaka** division, **12.4%** from **Chattogram**, **Khulna – 4.8%**, **Rajshahi – 4.7%**, **Rangpur – 3.0%**, **Sylhet – 2.9%**, **Barishal – 2.0%** and the lowest **1.5%** from **Mymensingh** division. While, **55.4%** of the reported death were from **Dhaka** division, **18.5%** from **Chattogram**, **Khulna – 6.8%**, **Rajshahi – 5.6%**, **Rangpur – 4.5%**, **Sylhet – 3.8%**, **Barishal – 3.1%** and the lowest **2.3%** from **Mymensingh** division.

The highest number of weekly cases (**25,481**) reported in epi-week **26** (22 – 28 JUN 2020) while the highest weekly death (**314**) recorded in the following week **27** (29 JUN – 05 JUL 2020). Weekly cases increased in Sylhet division by **9.0%** and Mymensingh by **8.7%**; while decreased in Chattogram division by **25.4%** followed by Dhaka – **20.2%**, Barishal – **12.1%**, Rajshahi – **12.0%**, Khulna – **11.4%** and Rangpur – **2.8%** than the last week.

The figure below is showing daily Cases of COVID-19 by Division, 26 April 2020 – 17 January 2021, Bangladesh



As on 17 January 2021, overall attack rate (**AR**) in Bangladesh is **310** per 100,000 population and **100% (64/64)** of districts with the estimated total population of 170,306,468 have reported confirmed COVID-19 cases. In the reported week (week 02, 2021), COVID-19 daily average cases (**740**) decreased by **19.5%** from the previous week.

The table below is showing top 10 districts of COVID-19 Cases, 30 November 2020 – 17 January 2021, Bangladesh

| District/City | Cases per Week | | | | | | | Case per 100,000 per Week | | | | | | |
|---------------|----------------|-------|-------|-------|-------|-------|-------|---------------------------|-------|------|------|------|------|------|
| | 49 | 50 | 51 | 52 | 53 | 1 | 2 | 49 | 50 | 51 | 52 | 53 | 1 | 2 |
| Dhaka City | 10,504 | 8,852 | 6,812 | 5,628 | 4,449 | 4,332 | 3,348 | 126.3 | 106.5 | 81.9 | 67.7 | 53.5 | 52.1 | 40.3 |
| Chattogram | 1,566 | 1,224 | 1,133 | 958 | 903 | 833 | 616 | 17.4 | 13.6 | 12.6 | 10.6 | 10.0 | 9.3 | 6.8 |
| Sylhet | 163 | 179 | 134 | 152 | 86 | 80 | 82 | 4.0 | 4.4 | 3.3 | 3.7 | 2.1 | 2.0 | 2.0 |
| Narayanganj | 239 | 205 | 127 | 86 | 73 | 74 | 80 | 6.9 | 5.9 | 3.6 | 2.5 | 2.1 | 2.1 | 2.3 |
| Faridpur | 91 | 94 | 99 | 101 | 89 | 44 | 66 | 4.0 | 4.2 | 4.4 | 4.5 | 3.9 | 1.9 | 2.9 |
| Dinajpur | 97 | 137 | 120 | 89 | 48 | 55 | 57 | 2.7 | 3.9 | 3.4 | 2.5 | 1.4 | 1.6 | 1.6 |
| Gazipur | 182 | 149 | 80 | 63 | 75 | 35 | 56 | 4.5 | 3.7 | 2.0 | 1.6 | 1.9 | 0.9 | 1.4 |
| Khulna | 53 | 97 | 70 | 74 | 36 | 53 | 41 | 1.9 | 3.5 | 2.6 | 2.7 | 1.3 | 1.9 | 1.5 |
| Tangail | 41 | 47 | 66 | 57 | 35 | 43 | 41 | 1.0 | 1.1 | 1.5 | 1.3 | 0.8 | 1.0 | 1.0 |
| Sirajganj | 40 | 54 | 38 | 38 | 69 | 37 | 40 | 1.1 | 1.5 | 1.0 | 1.0 | 1.9 | 1.0 | 1.1 |

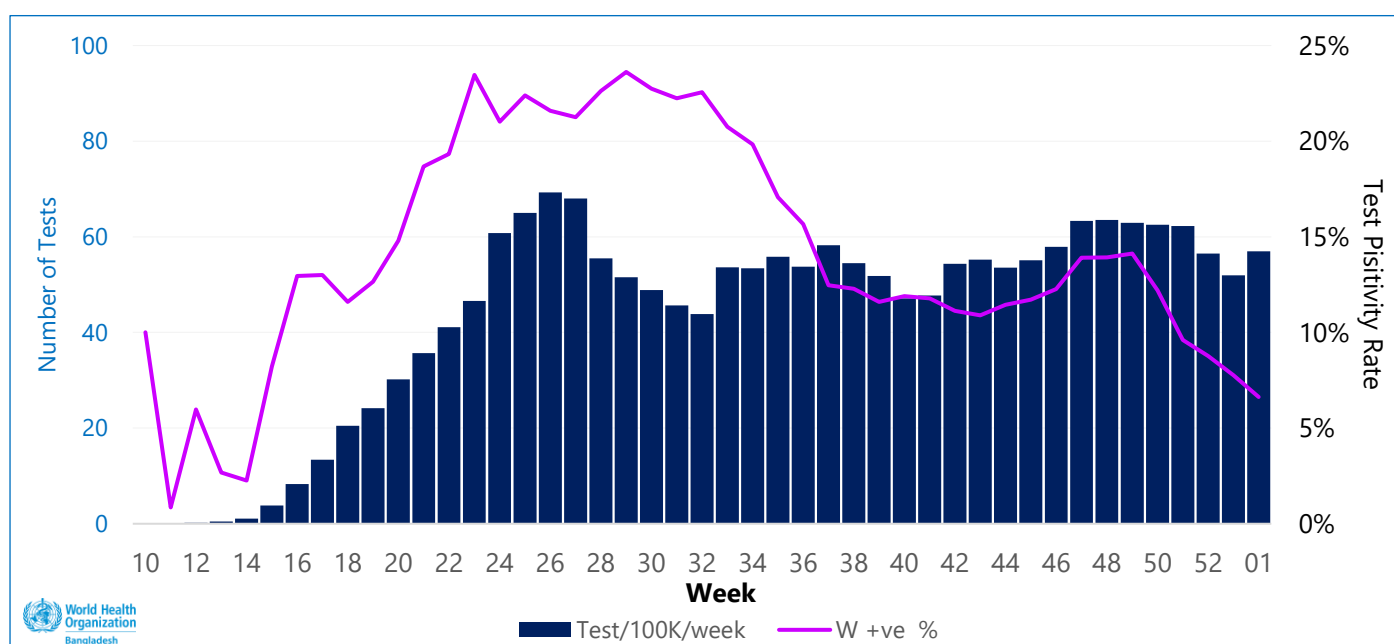
The table below is showing Attack rate per million by District, 08 March 2020 – 17 January 2021, Bangladesh

| Dhaka Div. | 8,425 | Chattogram Div. | 1,947 | Khulna Div. | 1,358 | Sylhet Div. | 1,297 |
|------------------|--------|-----------------|-------|--------------|-------|-----------------|-------|
| Dhaka City | 36,823 | Chattogram | 3,548 | Khulna | 2,616 | Sylhet | 2,191 |
| Faridpur | 3,693 | Cox's Bazar | 2,135 | Narail | 1,813 | Sunamganj | 851 |
| Rajbari | 2,767 | Bandarban | 1,928 | Kushtia | 1,644 | Maulvibazar | 829 |
| Munshiganj | 2,582 | Rangamati | 1,699 | Jashore | 1,438 | Habiganj | 787 |
| Narayanganj | 2,487 | Noakhali | 1,523 | Chuadanga | 1,244 | | |
| Gopalganj | 2,190 | Cumilla | 1,437 | Jhenaidah | 1,110 | | |
| Gazipur | 1,731 | Feni | 1,329 | Magura | 978 | | |
| Shariatpur | 1,383 | Lakshmipur | 1,140 | Meherpur | 969 | | |
| Madaripur | 1,221 | Khagrachhari | 1017 | Bagerhat | 584 | | |
| Manikganj | 1,094 | Chandpur | 950 | Satkhira | 495 | | |
| Dhaka (District) | 1,078 | Brahmanbaria | 841 | | | | |
| Narsingdi | 1,049 | | | | | | |
| Kishoreganj | 1022 | | | | | | |
| Tangail | 897 | | | | | | |
| Rajshahi Div. | 1,141 | Barishal Div. | 1,069 | Rangpur Div. | 843 | Mymensingh Div. | 592 |
| Bogura | 2,418 | Barishal | 1,760 | Dinajpur | 1,309 | Mymensingh | 741 |
| Rajshahi | 1,925 | Jhalokathi | 1030 | Rangpur | 1,184 | Jamalpur | 662 |
| Joypurhat | 1,244 | Barguna | 973 | Thakurgaon | 938 | Sherpur | 349 |
| Sirajganj | 738 | Patuakhali | 947 | Lalmonirhat | 654 | Netrakona | 325 |
| Natore | 627 | Pirojpur | 891 | Panchagarh | 650 | | |
| Pabna | 552 | Bhola | 447 | Nilphamari | 616 | | |
| Naogaon | 513 | | | Gaibandha | 519 | | |
| Chapainawabganj | 406 | | | Kurigram | 412 | | |

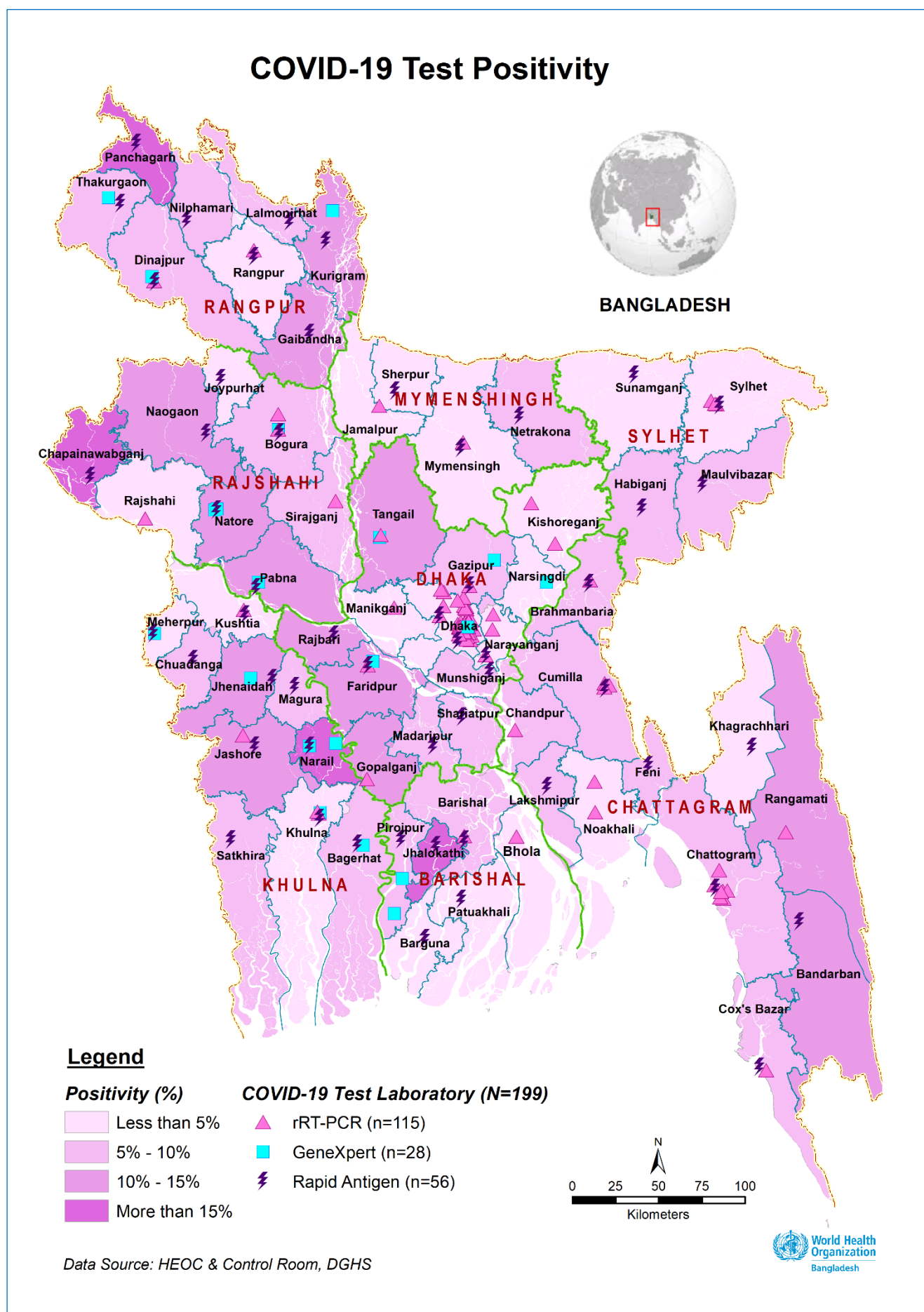
Out of the total **527,632** COVID-19 cases registered as of 17 January 2021, **89.5%** (472,437) **recovered**, **1.50%** (7,906) **died** and **8.96%** (47,289) are **active cases**. In the epidemiological week 02, weekly average number of COVID-19 **active cases** decreased by **0.5%**, in comparison to the previous week (**47,505** and 47,734 respectively); during the same time, weekly **recovery** has decreased by **9.1%** (**5,636** and 6,203 respectively).

As of 17 January 2021, according to the DGHS Press Release **3,457,453** COVID-19 tests were conducted in Bangladesh with the overall positivity rate of **15.26%** (**4.23%** in last 24 hours) by **199** laboratories. One (1) RT-PCR laboratory in Narayanganj (US Bangla Molecular Lab, Rupganj), one (1) GeneXpert laboratory in Pirojpur (Mathbaria Upazila Health Complex) and 16 Rapid Antigen test laboratories have been added to the network of COVID-19 testing laboratories. As of 17 January 2021, test per case is **6.55** which indicates the number of tests required to identify 1 case.

The graph below is showing weekly Teste and Positivity rate, 08 March 2020 – 17 January 2021, Bangladesh



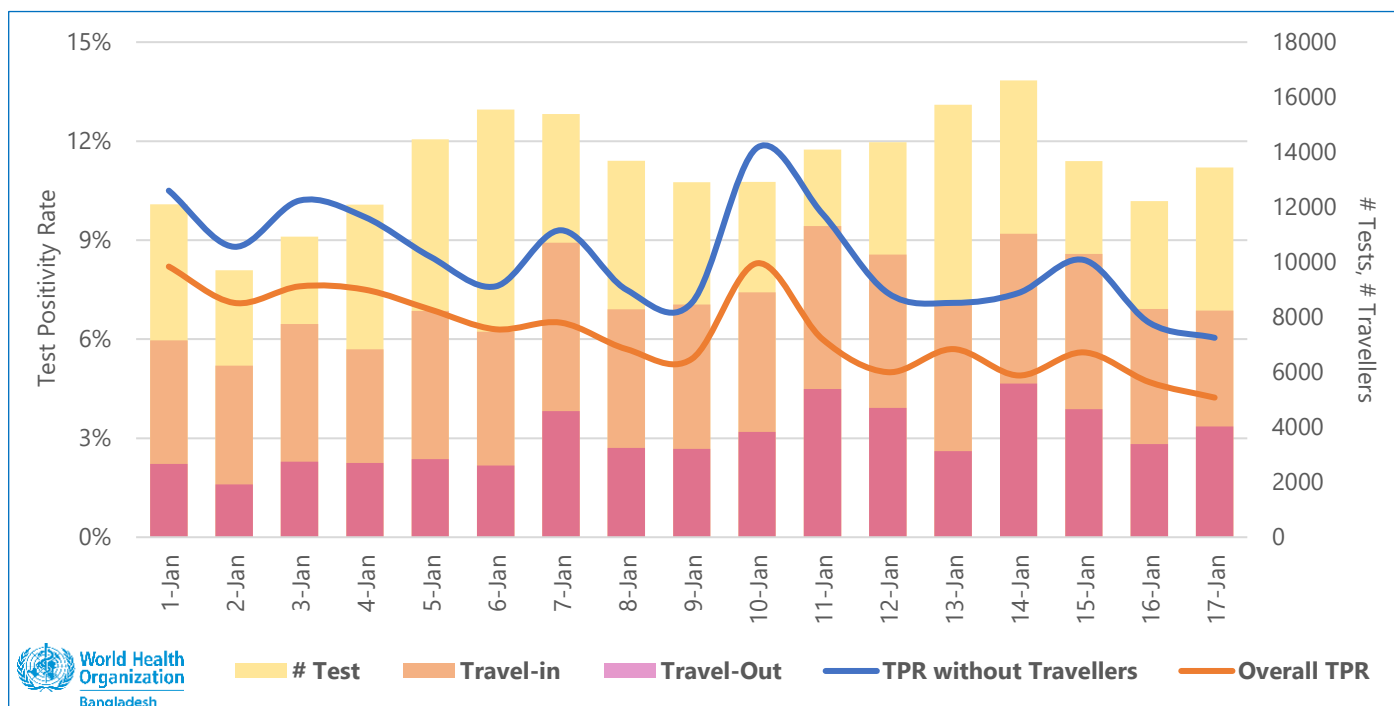
The map below is showing geographical of COVID-19 Test Positivity Rate, 03 – 17 JAN 2021, Bangladesh



4. Points of Entry & Quarantine

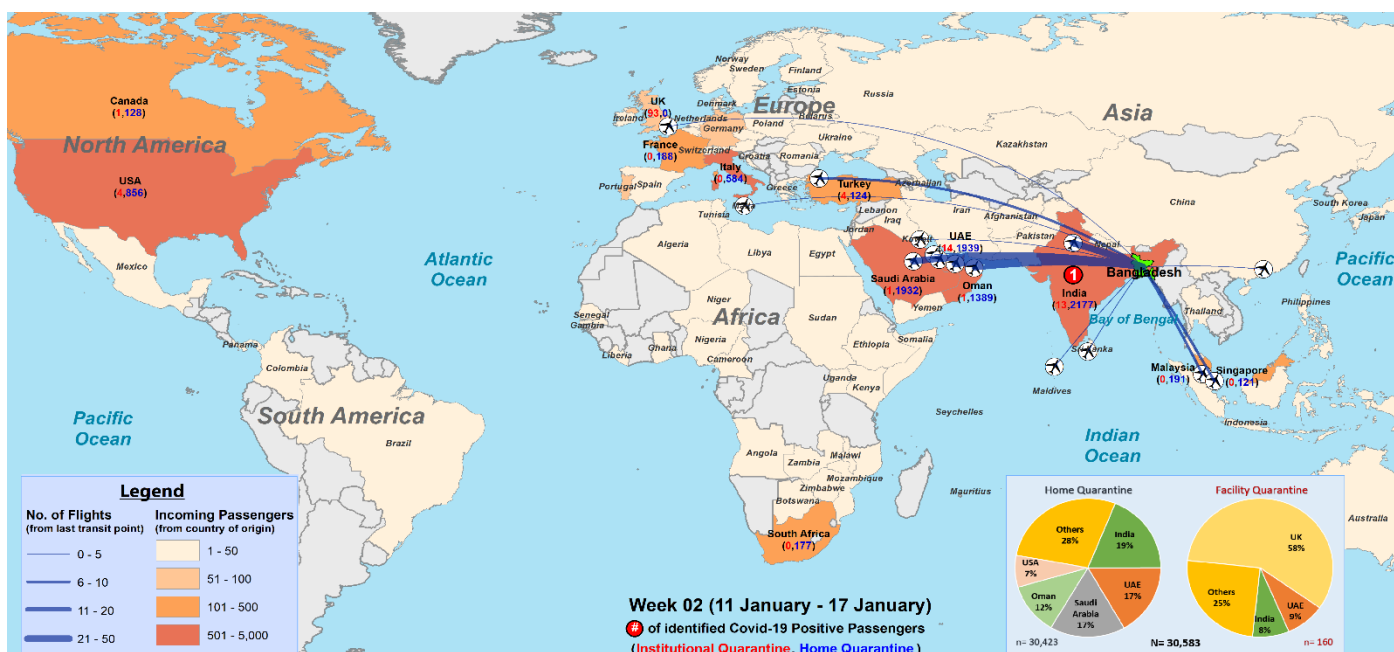
In the reported week (week 02), the number of international flights has increased by **13.3%**, in comparison to the previous week (**188** and **166** respectively) leading to increase in the number of incoming passengers by **15.7%** (**31,936** and **27,603** respectively). In the reported week **178** individuals were sent to Institutional Quarantine after passenger screening at the Hazrat Shahjalal International Airport (HSIA).

The figure below is showing daily number of total Tests, number of Travellers via designated airport and Test Positivity Rate, 01 – 17 January 2021, Bangladesh



According to DGHS, as of 17 January 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 **45,773** individuals were placed in quarantine facilities and of them **42,854** (93.6%) have already been released. Over the same period, total of **98,143** individuals were isolated in designated health facilities and of them **86,995** (88.6%) have been released.

The map below is showing geographical distribution of incoming flights and travellers captured through PoE Surveillance, week 02 (11 – 17 JAN), 2021, Bangladesh



During the reporting week 02, 2021, one (1) positive case was identified at the designated points of entry of the country. Out of individuals sent to Institutional Quarantine after passenger screening at HSIA during the week **52.2%** (93/178) travelled from United Kingdom, 14 from United Arab Emirates, 13 from India, 4 from Turkey and remain from other countries)

5. Case Management and Infection Prevention & Control

According to DGHS, as of 17 January 2021, there are **10,381** general beds in the country of which **31.3%** (3,251) in Dhaka city and **598** ICU of which **51.8%** (310) in Dhaka city dedicated for COVID-19 treatment. Presently **19.1%** of the general beds and **35.6%** ICU beds are occupied all over the country.

The table below is showing temporal comparison of COVID-19 dedicated facilities, week 53, 2020 and week 02, 2021, Bangladesh

| | National | | | Dhaka | | |
|-------------------------|---------------|-------------|-------|--------------|-------------|-------|
| | 17 JAN 2021 | 03 JAN 2021 | Trend | 17 JAN 2021 | 03 JAN 2021 | Trend |
| General Beds | 10,381 | 10,495 | ↓ | 3,251 | 3,269 | ↓ |
| Bed Occupancy | 19.1% | 20.6% | ↓ | 40.8% | 43.7% | ↓ |
| ICU | 598 | 602 | ↓ | 310 | 310 | ↔ |
| ICU Occupancy | 35.6% | 47.0% | ↓ | 44.2% | 59.4% | ↓ |
| Oxygen cylinder | 12,729 | 12,759 | ↓ | | | |
| High flow nasal cannula | 715 | 719 | ↓ | | | |
| Oxygen concentrator | 605 | 621 | ↓ | | | |

6. 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>