








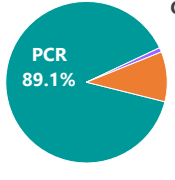
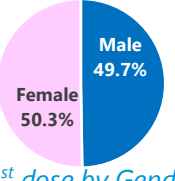




Photo Credit: Social Media, Bangladesh

Highlights:

- The COVID-19 situation continues to be encouraging as new cases and TPR in the reporting week, fluctuate at very low levels with no deaths.
- Provision and attendance for essential health services in public facilities are improving, but they are still behind the pre-COVID-19 state.
- As of May 15, 2022, over 259 million doses of COVID-19 vaccine (1st/2nd/Booster) had been administered, covering at least 68.6% of the total population with the complete dosage schedule.

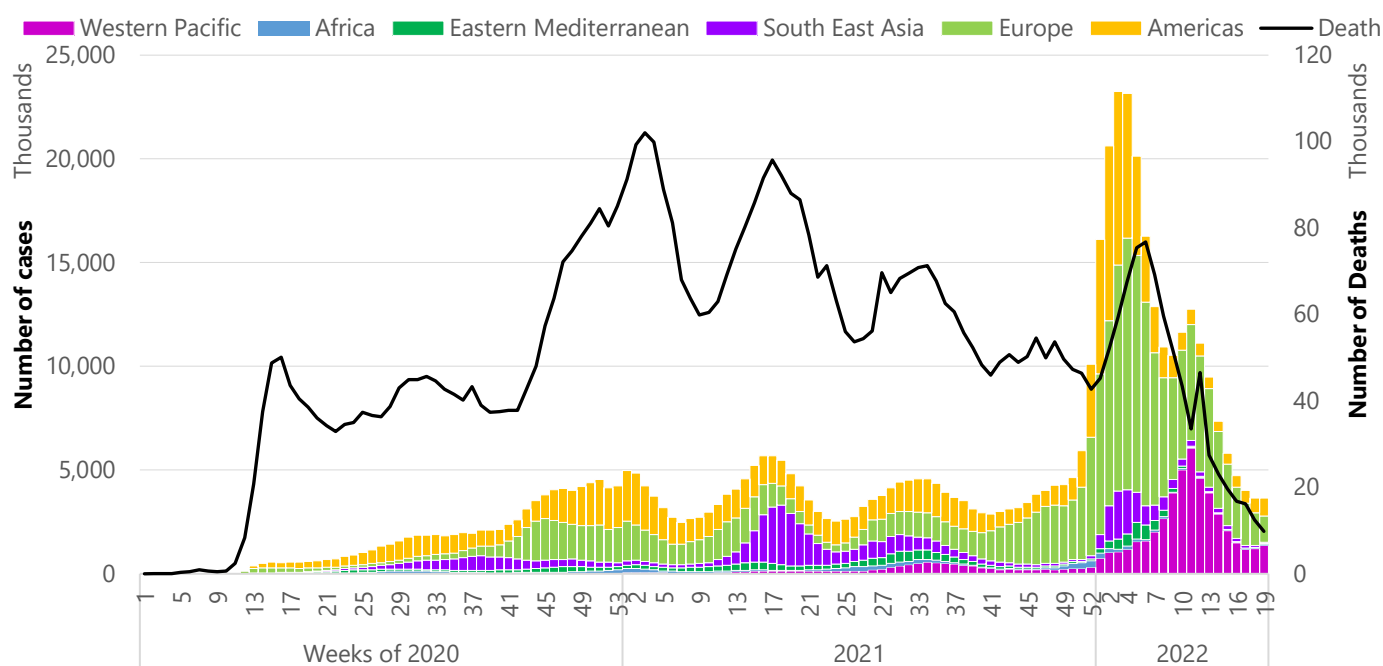
Tested	Confirmed Cases	Recovered	Death	Hotline
 14 048 755	 1 953 012	 1 899 419	 29 127	 34.06 million
Test/100 000/Week	Case/100 000/Week	Recovery Rate	CFR%	AR/100 000
21.1	0.13	97.3%	1.49	1 147
Testing Lab/Centres Number Tests in 879 facilities			PoE Screening	
RT PCR Lab : 160 GeneXpert Lab : 57 Rapid Antigen : 662 Last week daily Test average: 5 130			 3 723 153  145 861  7 029  811 160	
Vaccinated - 1 st dose : 128 667 045 Vaccinated - 2 nd dose : 116 863 440 Vaccinated - Booster dose : 13 551 950 Vaccinated - 1 st dose, 2 nd dose : 75.5%, 68.6% 1 st dose by Gender			 	

Data Source: All national data have been incorporated from different sources of the Directorate General of Health Services, MoHFW, Bangladesh

Global & Regional Situation

- Globally, as of 15 May 2022, there have been **518 815 004** (450 115) confirmed cases of COVID-19, including **6 265 664** (1 183) deaths reported to WHO through national authorities.
- Most of the cases have been reported from the USA, with **80 618 866** cases and **992 289** deaths, followed by India with **43 121 599** cases and the third-highest death count of **524 214**. Brazil reported the third-highest case of **30 664 739** and the second-highest death of **664 780**.

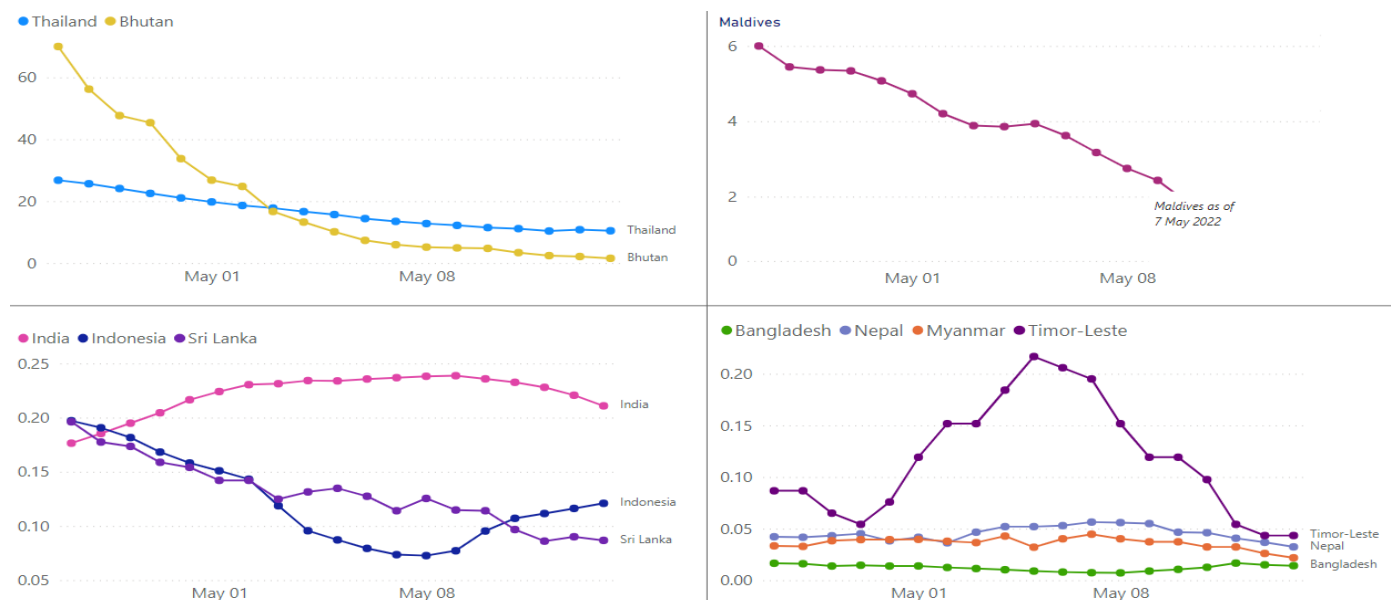
The figures below show the weekly distribution of COVID-19 new Cases and Deaths, as of 15 May 2022



Source: World Health Organization as of 15 May 2022

- Compared to the previous week, the global number of new cases (n=3 647 520) reported during week 19 was **0.5% lower**. Globally, the number of new deaths (n=9 851) **decreased** during this period by 21.0% compared to the preceding seven days.
- DPR Korea reported about 820 620 cases and 42 deaths in a short span of time from late April to 14 May 2022. The Korean Central News Agency acknowledged presence of the Omicron sub-variant BA.2 among the cases.

The figure below shows 7-day moving average of COVID-19 cases per 100 000 population in the recent 3 weeks



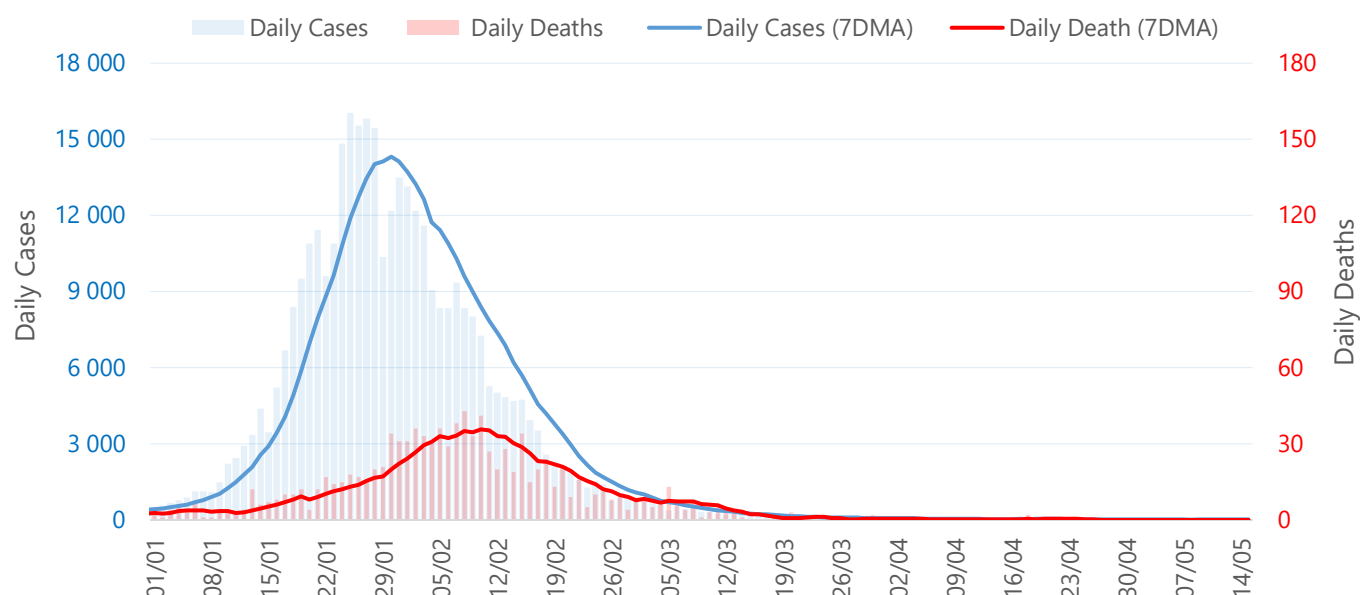
Source: COVID-19 Dashboard, SEARO, WHO as of 14 May 2022

Bangladesh Situation:

1. Surveillance & Laboratory

- Between 8 March 2020 and 15 May 2022, **1 953 012** COVID-19 cases were confirmed by RT-PCR, GeneXpert, and Rapid Antigen tests, including **29 127** related deaths (**CFR 1.49%**).

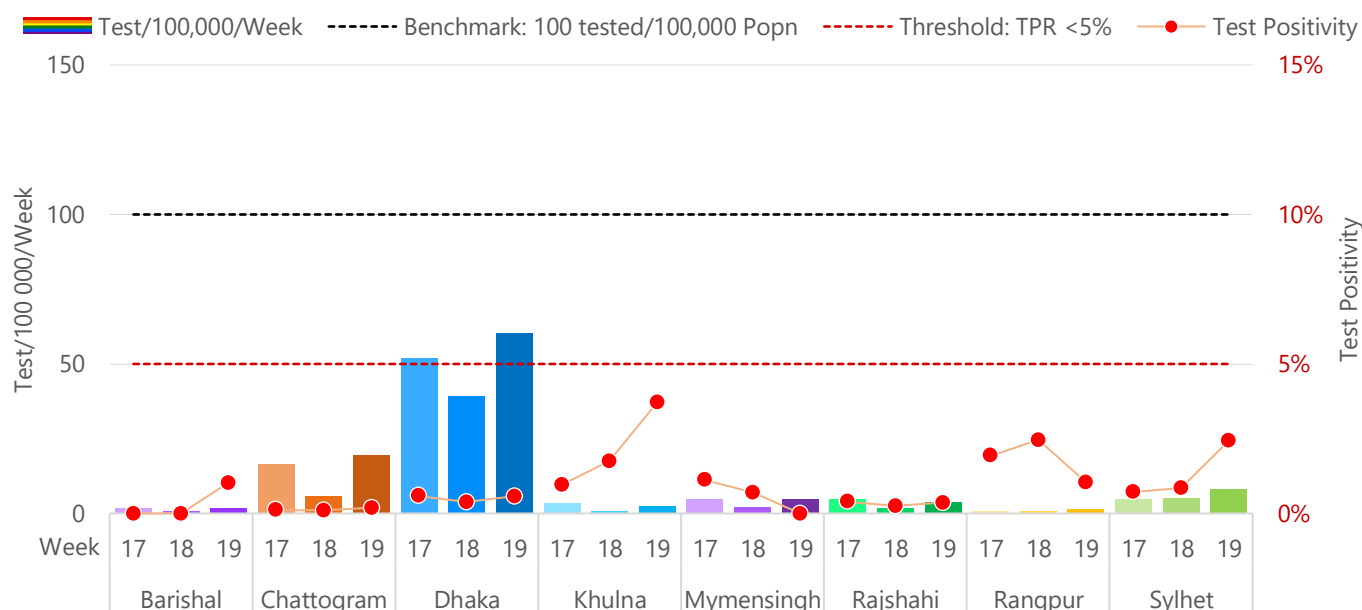
The graph below shows the Epi-curve of COVID-19 Cases and Deaths in Bangladesh, 1 JAN – 15 MAY 2022



Source: COVID-19 Press Release, DGHS

- In the past week (epidemiological week 19, 2022), Bangladesh reported **213** new cases while 83 cases reported in the week before; the case rate per 100 000 population per week is **0.13**. The country reported **0** new death in the past three weeks.
- The weekly new test is **35 908** (daily average: **5 130**), an **81.9% increase** compared to the previous week; the test rate per 100 000 per week is **21.1**; the weekly average test positivity rate (TPR) is **0.59%**, TPR **increased** by **41.1%** from the previous week. The overall Case Fatality Ratio (CFR) is stable at **1.49%**.

The graph below shows the Test Positivity Rate (TPR) and Test per 100 000/week in the last 3 weeks by division



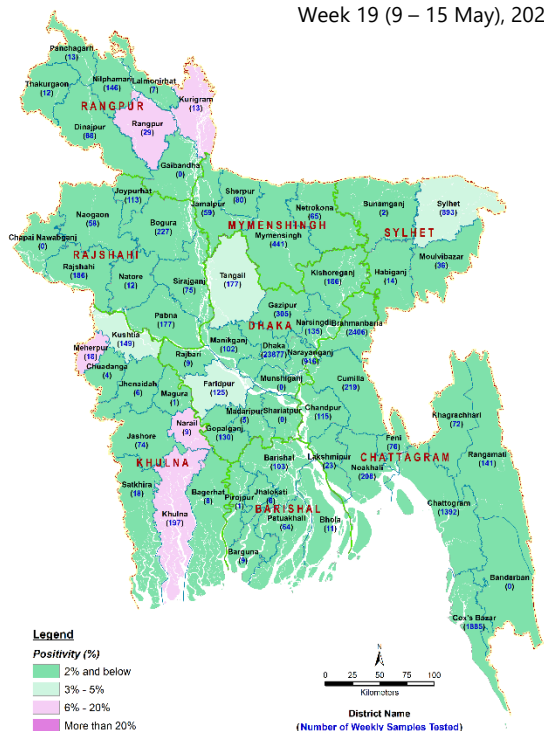
Source: COVID-19 Press Release, DGHS

- As of 15 May 2022, according to the DGHS Press Release, **14 048 755** COVID-19 tests (RT-PCR **89.1%**, GeneXpert **0.9%**, and Rapid Antigen **10.0%**) were conducted in Bangladesh with an overall positivity rate of 13.90% (**0.86%** in the last 24 hours) by **879** laboratories/test centres. So far, **66.2%** of the samples (9 279 278) have been tested for COVID-19 in government facilities (RT-PCR **56/160**, GeneXpert **54/57**, and Rapid Antigen **545/662**). During the last week, no test centre has been added to the network of COVID-19 testing facilities.

The maps below show distribution of COVID-19 TPR, Cases, Case increment, and Deaths as of week 19, 2022

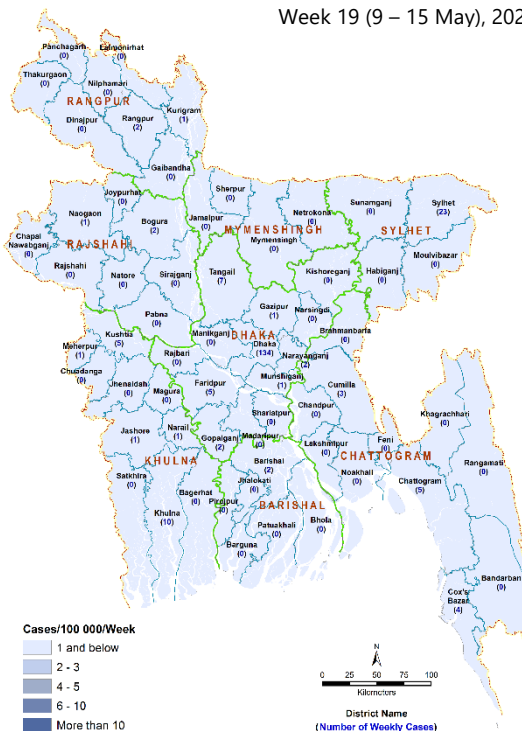
Weekly Test Positivity

Week 19 (9 – 15 May), 2022



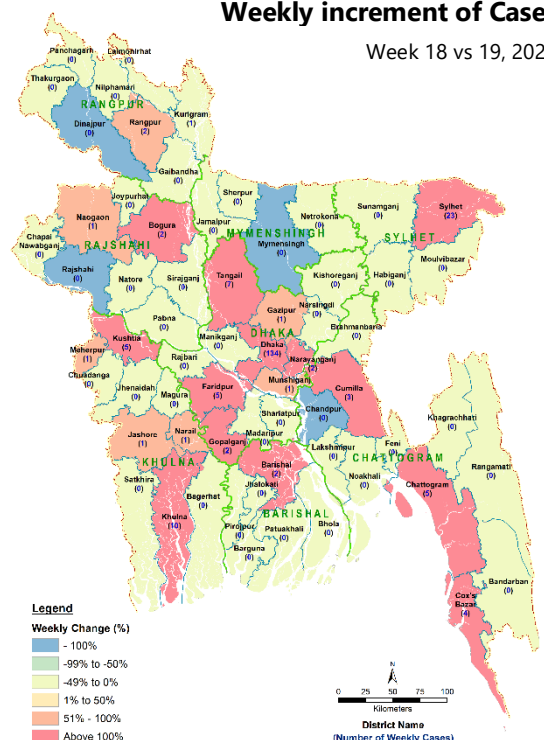
New Cases/100 000/Week

Week 19 (9 – 15 May), 2022



Weekly increment of Cases

Week 18 vs 19, 2022



Weekly Death/100 000/Week

Week 19 (9 – 15 May), 2022



2. Case Management and Infection Prevention & Control

- As of 15 May 2022, there are 13 124 general beds dedicated to COVID-19 treatment countrywide, 0.4% (**59**) of which are occupied. General bed occupancy decreased in all divisions during the reporting period compared to the previous week except Khulna, Rajshahi and Sylhet divisions. The Sylhet division experienced the overall highest, 0.9% general bed occupancy.
- There are 1 173 dedicated ICU beds in the country, 1.4% (**16**) of which are occupied; 61.4% of the dedicated ICU beds are in Dhaka City and 5.5% in Chattogram city. ICU occupancy decreased in all divisions in the same period except Dhaka and Rangpur divisions. The highest ICU occupancy was observed in Rangpur (4.5%) division.

The chart below shows the status of bed occupancy in COVID-19 dedicated facilities during the last 4-weeks

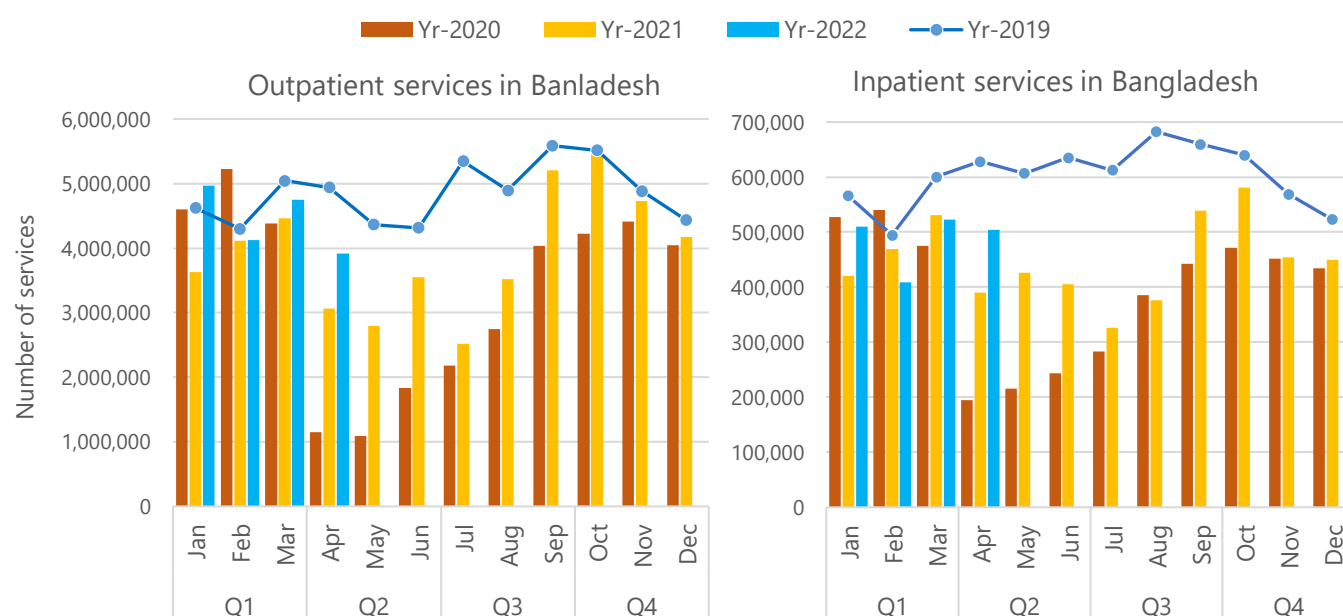
	National				Dhaka City				Chattogram City			
	15-May	8-May	1-May	24-Apr	15-May	8-May	1-May	24-Apr	15-May	8-May	1-May	24-Apr
General beds	13 124	13 134	13 134	13 138	4 610	4 620	4 620	4 624	917	917	917	917
Vacant	13 065	13 074	13 086	13 035	4 571	4 586	4 597	4 567	911	904	908	906
Gen. bed Occupancy	0.4%	0.5%	0.4%	0.8%	0.8%	0.7%	0.5%	1.2%	0.7%	1.4%	1.0%	1.2%
ICU beds	1 173	1 173	1 173	1 174	720	720	720	721	64	64	64	64
Vacant	1 157	1 157	1 161	1 155	707	706	713	710	63	64	63	63
ICU bed Occupancy	1.4%	1.4%	1.0%	1.6%	1.8%	1.9%	1.0%	1.5%	1.6%	0.0%	1.6%	1.6%

Source: HEOC & Control Room, DGHS

3. Essential Health Services

- In April 2022, public health facilities in Bangladesh provided over 3.9 million outpatient (OP) services, which is 17.6% lower than March 2022 and 27.8% higher than the same month of the previous year (i.e., April 2021);
- OP services have increased 2.7 times since the first year of COVID-19 (i.e., April 2020), but remain 20.7 percent lower than 2019. (Pre-COVID19 situation).

The figures below show the number of Outpatient and Inpatient services in public health facilities



Source: DHIS2, MIS, DGHS; access date 16 May 2022

- In April 2022, public health facilities in Bangladesh provided more than 504 000 Inpatient Services (IP), which is 4% lower than the previous month and 29% higher than the same month the previous year (i.e., April 2021);
- Inpatient services at public health facilities for non-COVID19 patients are two times higher than the same month of COVID-19's first year (i.e., April 2020), but still 29% lower than 2019. (Pre-COVID19 situation).
- Indications imply a gradual recovery from COVID-19, with individuals visiting public health institutions more frequently than they did during the pandemic.

4. Vaccination

- As of 15 May 2022, **128 667 045** individuals received their first dose, **116 863 440** completed their two-dose schedule and **13 551 950** individuals received the COVID-19 booster dose.
- More than **75.5%** of the total population received the first dose and **68.6%** completed two doses schedule (as per the estimated population of 170 317 066, by Bangladesh Bureau of Statistics, 28 December 2021).
- The male and female ratio was 49.8% and **50.2%** among the people who received the first dose and 49.5% and **50.5%** respectively for the second dose.

The table below shows the vaccination status in the country by division, as of 15 May 2022

Division	First dose		Second dose		Booster dose	
Barishal	6 905 950	70.2%	5 961 328	60.6%	590 526	6.0%
Chattogram	25 091 486	74.7%	22 603 126	67.3%	2 172 258	6.5%
Dhaka	36 287 065	84.2%	32 519 706	75.5%	4 540 347	10.5%
Khulna	13 511 281	72.8%	12 564 666	67.7%	1 750 497	9.4%
Mymensingh	9 193 866	70.8%	8 361 614	64.3%	841 333	6.5%
Rajshahi	15 799 162	72.3%	14 482 619	66.3%	1 275 925	5.8%
Rangpur	13 537 609	72.5%	12 764 426	68.4%	1 550 655	8.3%
Sylhet	8 340 626	71.2%	7 605 955	64.9%	830 409	7.1%
Total	128 667 045	75.5%	116 863 440	68.6%	13 551 950	8.0%

Source: HEOC & Control Room, DGHS

5. 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/>
- 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>