










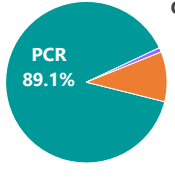
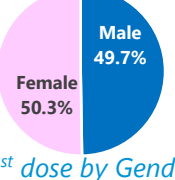


Eid shopping

Photo Credit: Social Media, Bangladesh

Highlights:

- The COVID -19 situation continues to improve with low reported cases, deaths, and test positivity rates.
- The country remains on alert as neighbouring India witness a rise in cases in recent weeks, and as it prepares for the Eid-ul-Fitr celebrations next week
- As of 24 April 2022, more than 256 million doses (1st/2nd/Booster) of COVID-19 vaccines have been administered representing at least 75.4% of total population coverage for the first dose and 68.1% for the complete dose schedule.

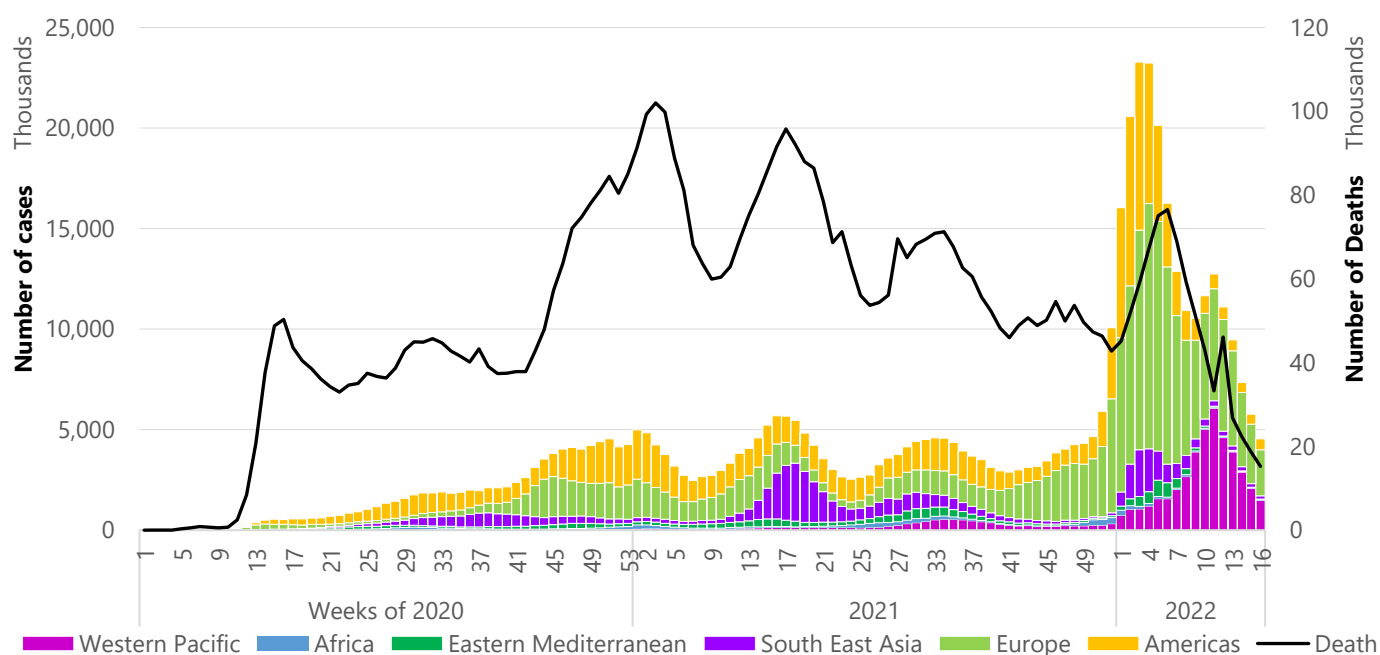
Tested	Confirmed Cases	Recovered	Death	Hotline
 13 961 944	 1 952 556	 1 893 460	 29 127	 33.89 million
Test/100 000/Week	Case/100 000/Week	Recovery Rate	CFR%	AR/100 000
21.4	0.1	97.0%	1.49	1 146
Testing Lab/Centres Number Tests in 879 facilities			PoE Screening	
RT PCR Lab : 160 GeneXpert Lab : 57 Rapid Antigen : 662 Last week daily Test average: 5 214			 3 694 630  142 446  7 029  766 231	
Vaccination Vaccinated - 1 st dose 128 499 399 Vaccinated - 2 nd dose 116 056 535 Vaccinated - Booster dose 12 142 706 Vaccinated - 1 st dose, 2 nd dose 75.5%, 68.1% 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

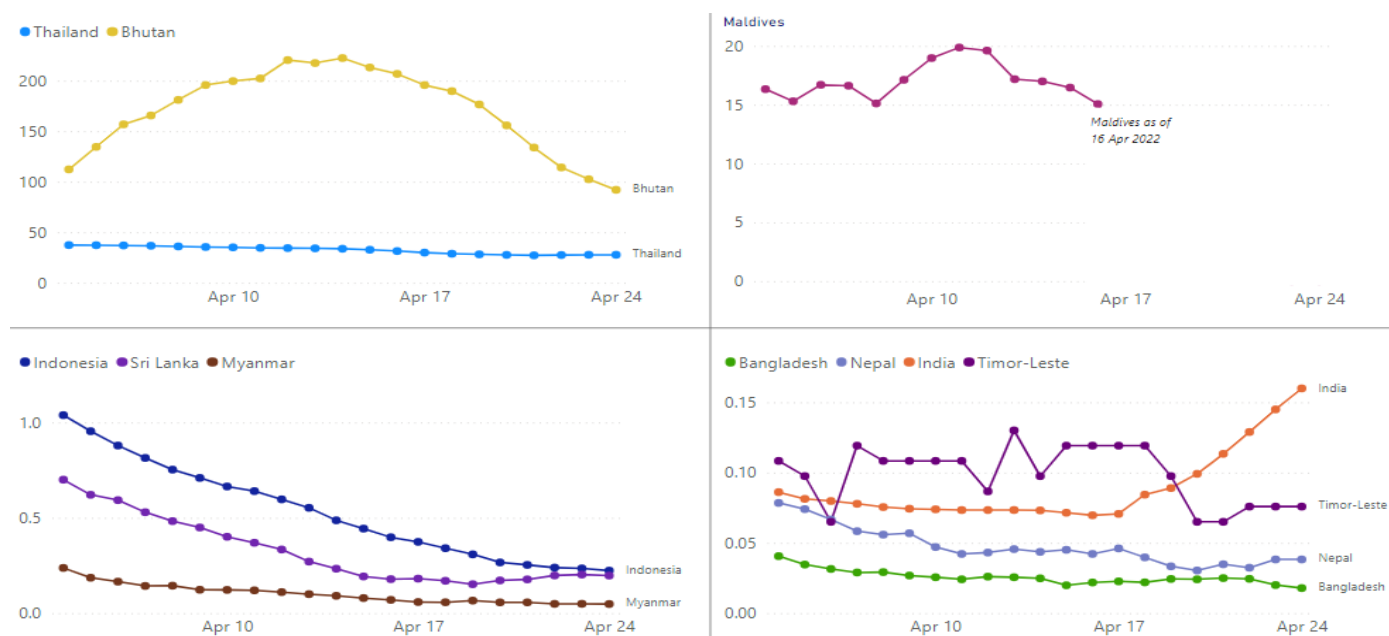
- Globally, as of 24 April 2022, there have been **507 153 189** (509 380) confirmed cases of COVID-19, including **6 219 163** (1 551) deaths reported to WHO through national authorities.
- Most of the cases have been reported from the USA, with **80 174 978** cases and **983 872** deaths, followed by India with **43 057 545** cases and the third-highest death count of **522 193**. Brazil reported the third-highest case of **30 338 697** and the second-highest death of **662 557**.

The figures below show the distribution of COVID-19 new Cases, as of 24 April 2022



- Compared to the previous week, the global number of new cases (n=4 542 440) reported during week 16 was **21.3% lower**. All the WHO regions reported a decline in new cases except the African region and the region of the Americas. Globally, the number of new deaths (n=15 226) **decreased** during this period by 18.6% compared to the preceding seven days.
- In the South-East Asia Region, all the countries except India reported a decline in new cases.

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

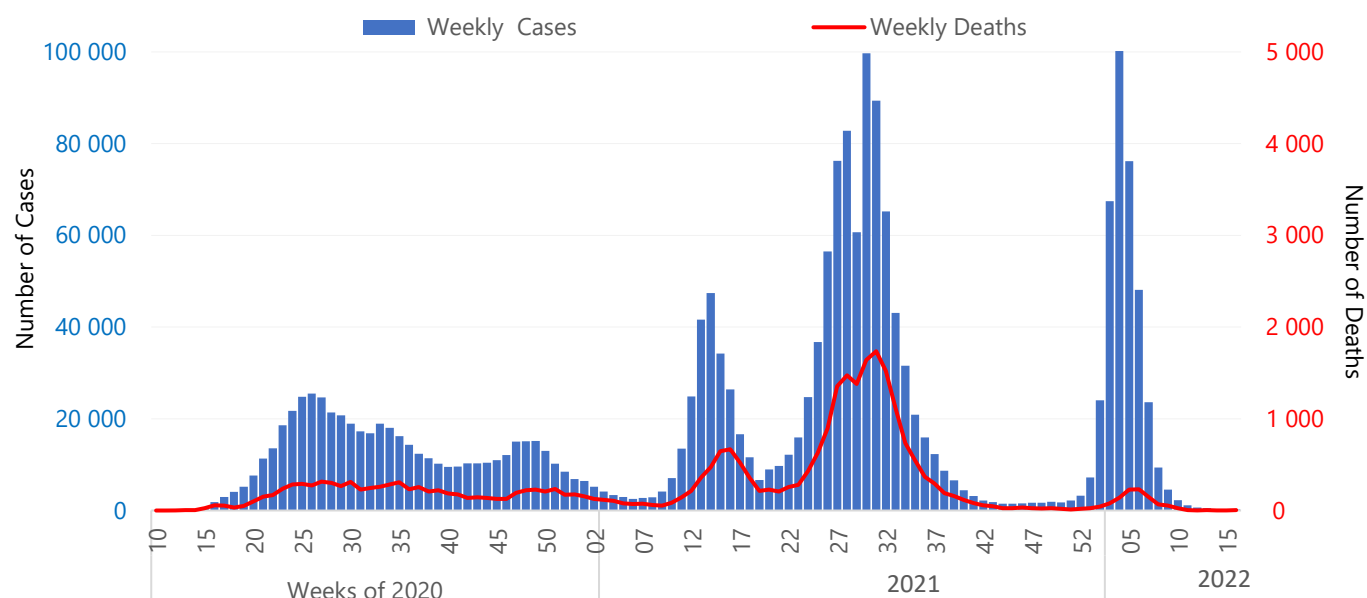


Bangladesh Situation:

1. Surveillance & Laboratory

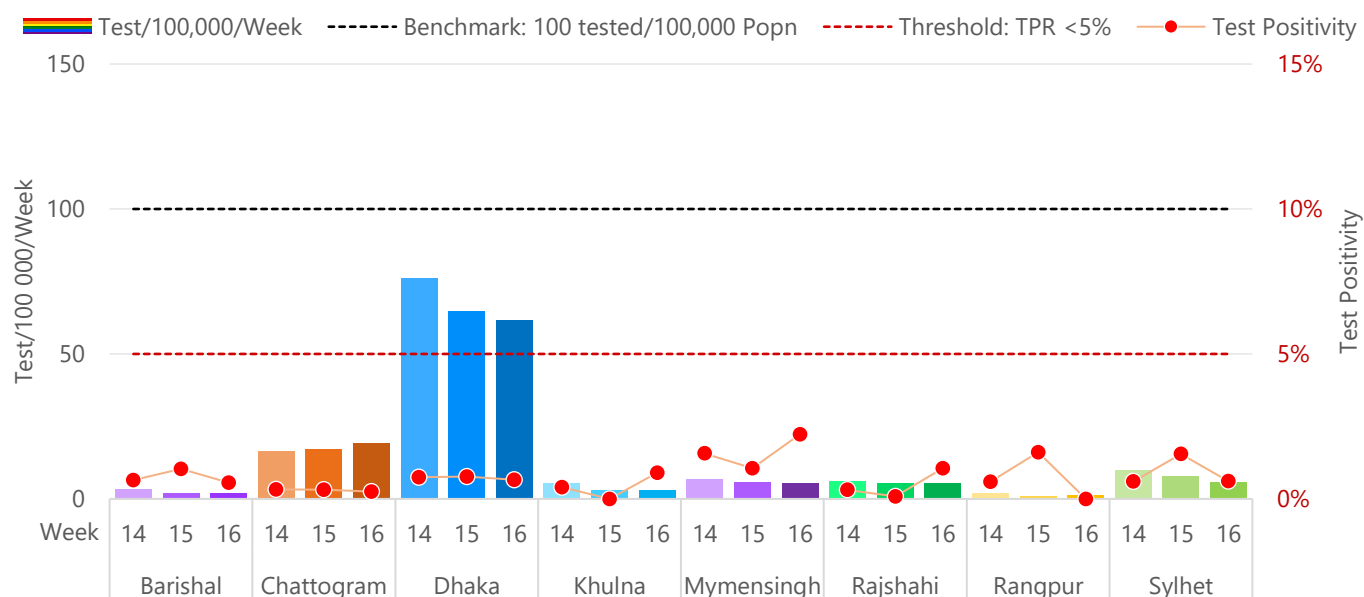
- Between 8 March 2020 and 24 April 2022, **1 952 556** COVID-19 cases were confirmed by RT-PCR, GeneXpert, and Rapid Antigen tests, including **29 127** related deaths (**CFR 1.49%**).

The graph below shows the Epi-curve of COVID-19 Cases and Deaths in Bangladesh, 8 MAR 2020 – 24 APR 2022



- In the past week (epidemiological week 16, 2022), Bangladesh reported **230** new cases, an **11.9% decrease** compared to the previous week; the case rate per 100 000 population per week is **0.1**. The country reported **3** new death in the past week which was the same as the previous week; the death rate per 100 000 per week is **0.002** in the reporting week.
- The weekly new test is **36 496** (daily average: **5 214**), a **2.1% decrease** compared to the previous week; the test rate per 100 000 per week is **21.4**; the weekly average test positivity rate (TPR) is **0.63%**, TPR **decreased by 10.0%** from the previous week. The overall Case Fatality Ratio (CFR) is **1.49%**.

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

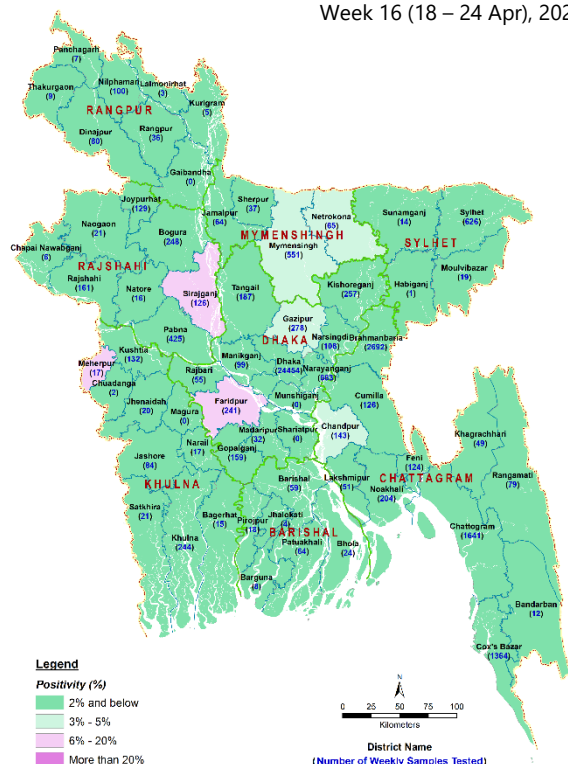


- As of 24 April 2022, according to the DGHS Press Release, **13 961 944** COVID-19 tests (RT-PCR **89.1%**, GeneXpert **0.9%**, and Rapid Antigen **10.0%**) were conducted in Bangladesh with an overall positivity rate of 13.98% (**0.41%** in the last 24 hours) by **879** laboratories/test centres. So far, **66.2%** of the samples (9 240 294) 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 16, 2022

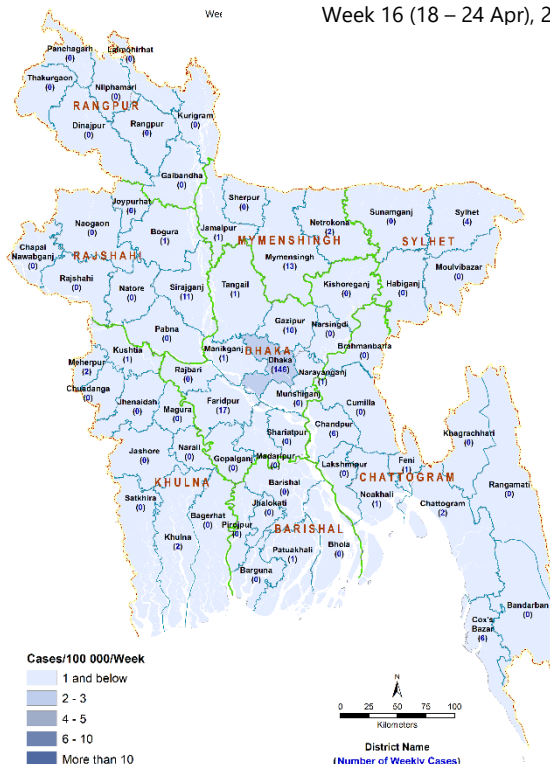
Weekly Test Positivity

Week 16 (18 – 24 Apr, 2022)



New Cases/100 000/Week

Week 16 (18 – 24 Apr, 2022)



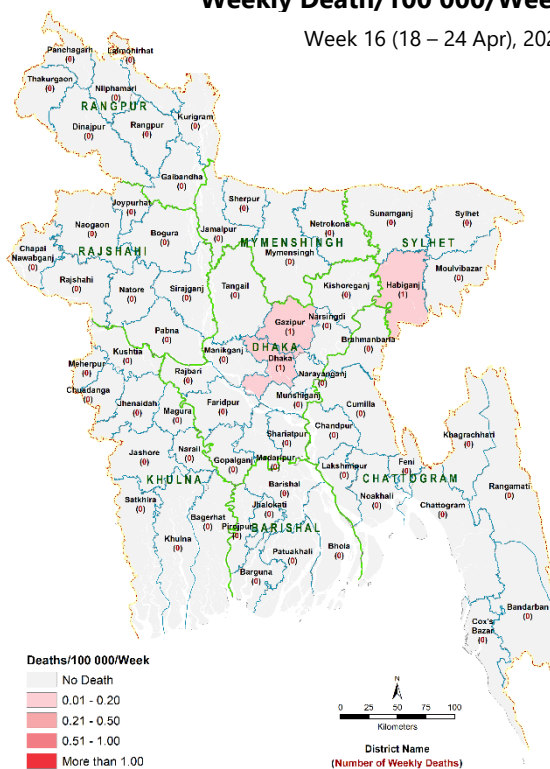
Weekly increment of Cases

Week 15 vs 16, 2022



Weekly Death/100 000/Week

Week 16 (18 – 24 Apr, 2022)



2. Case Management and Infection Prevention & Control

- As of 24 April 2022, there are 13 138 general beds dedicated to COVID-19 treatment countrywide, 0.8% (103) of which are occupied. General bed occupancy decreased in all divisions during the reporting period compared to the previous week except Barishal, Mymensingh, and Sylhet divisions. The Rajshahi Division experienced the overall highest 1.4% general bed occupancy.
- There are 1 174 dedicated ICU beds in the country, 1.5% (18) of which are occupied; 61.4% of the dedicated ICU beds are in Dhaka City and 5.5% in Chattogram city. There are 1 174 dedicated ICU beds in the country, 1.6% (19) of which are occupied; ICU occupancy decreased in all divisions in the same period. The highest ICU occupancy was observed in Rangpur (6%) division.

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

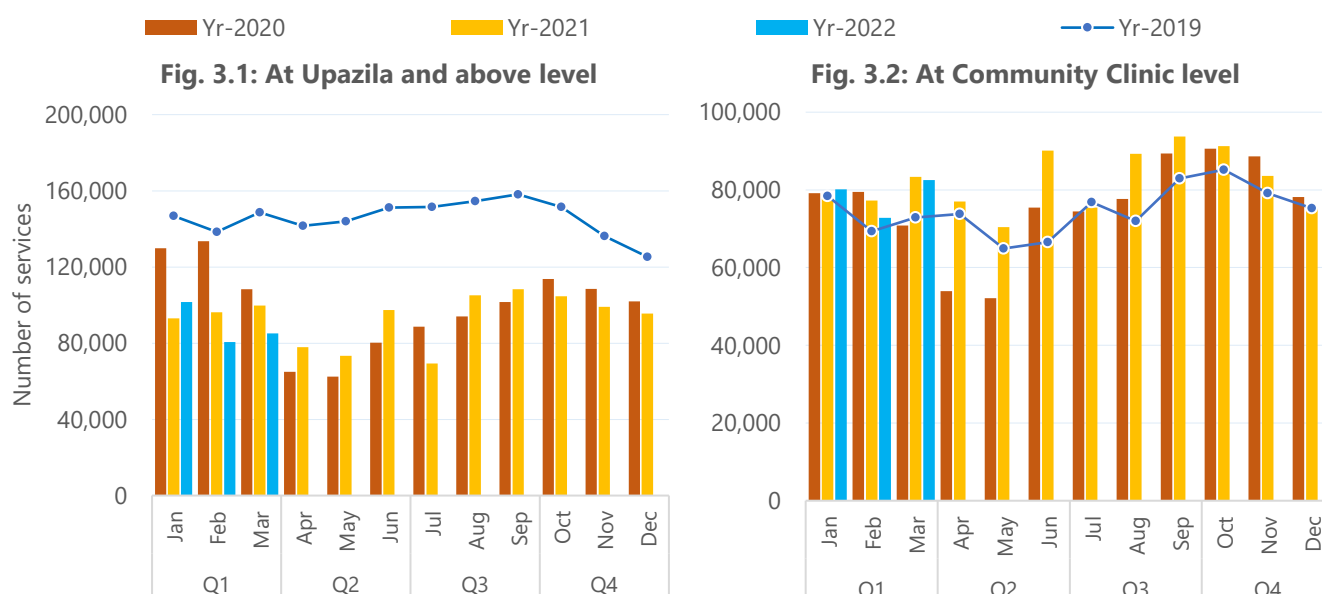
	National				Dhaka City				Chattogram City			
	23-Apr	17-Apr	10-Apr	3-Apr	23-Apr	17-Apr	10-Apr	3-Apr	23-Apr	17-Apr	10-Apr	3-Apr
General beds	13 138	13 173	13 173	13 195	4 624	4 624	4 624	4 646	917	917	917	917
Vacant	13 035	13 042	13 042	13 003	4 567	4 565	4 559	4 546	906	901	901	902
Gen. bed Occupancy	0.8%	1.0%	1.0%	1.5%	1.2%	1.3%	1.4%	2.2%	1.2%	1.7%	1.7%	1.6%
ICU beds	1 174	1 204	1 204	1 210	721	721	721	727	64	64	64	64
Vacant	1 155	1 164	1 164	1 154	710	707	702	701	63	56	59	56
ICU bed Occupancy	1.6%	3.3%	3.3%	4.6%	1.5%	1.9%	2.6%	3.6%	1.6%	12.5%	7.8%	12.5%

- During the past week, 3 deaths were reported (Female 100%) from all over the country. 66.7% of them were not vaccinated.
- Among these deaths, 2 people (66.7%) reported different comorbidities. Diabetes and High blood pressure were reported in both cases. Other significant comorbidities are Stroke, Thyroid diseases, and Rheumatological diseases.

3. Essential Health Services

- In March 2022, more than 85 000 Antenatal Care (ANC-1) services were provided by the public health facilities (excluding community clinics) in Bangladesh; the ANC-1 service utilization in March 2022 has increased by 6% compared to the previous month, but it is reduced by 21% and 43% than the same month in 2020 (first year of COVID19) and 2019 (Pre-COVID19 situation) respectively (Fig. 3.1).

The figures below show the number of ANC-1 services from public health facilities in Bangladesh



- On the other hand, more than 82 000 ANC-1 services were provided by the community clinic in March 2022; the ANC-1 service utilization in March 2022 has increased by 13% compared to the previous month, and it is 17% and 13% higher than the same month in 2020 (first year of COVID19) and 2019 (Pre-COVID19 situation) respectively (Fig. 3.2).
- It is a clear shift of patients from the higher-level facilities to the lower-level health facilities like community clinics.

4. Vaccination

- As of 24 April 2022, **128 499 399** individuals received their first dose, **116 056 535** completed their two-dose schedule and **12 142 706** individuals received the COVID-19 booster dose.
- More than **75.4%** of the total population received the first dose and **68.1%** 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 49.7% and **50.3%** 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 24 April 2022

Division	First dose		Second dose		Booster dose	
Barishal	6 902 286	70.1%	5 940 089	60.3%	509 859	5.2%
Chattogram	25 059 822	74.6%	22 434 112	66.8%	1 983 287	5.9%
Dhaka	36 219 981	84.1%	32 272 084	74.9%	4 050 031	9.4%
Khulna	13 505 478	72.8%	12 478 323	67.3%	1 601 954	8.6%
Mymensingh	9 175 724	70.6%	8 322 423	64.0%	770 018	5.9%
Rajshahi	15 792 468	72.3%	14 447 182	66.1%	1 182 731	5.4%
Rangpur	13 524 908	72.5%	12 654 267	67.8%	1 382 833	7.4%
Sylhet	8 318 732	71.0%	7 508 055	64.1%	661 993	5.6%
Total	128 499 399	75.4%	116 056 535	68.1%	12 142 706	7.1%

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>