








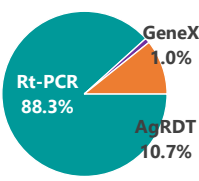
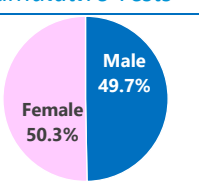




Photo Credit: Social Media, Bangladesh

## Highlights:

- The number of reported cases this week is 2 720 compared to 3 511 last week. This is the second consecutive week with reported decrease in cases. The number of reported deaths however increased from 12 last week to 20 this week.
- 33 559 tests were conducted this week, an increase of 13.5% compared to the previous week and TPR decreased from 11.9% to 8.1% this week.
- Over 79.4% of the total population have received the first dose and 72.8% completed the full dose schedule with males and females equally represented. Vaccination efforts continue to address target population groups.

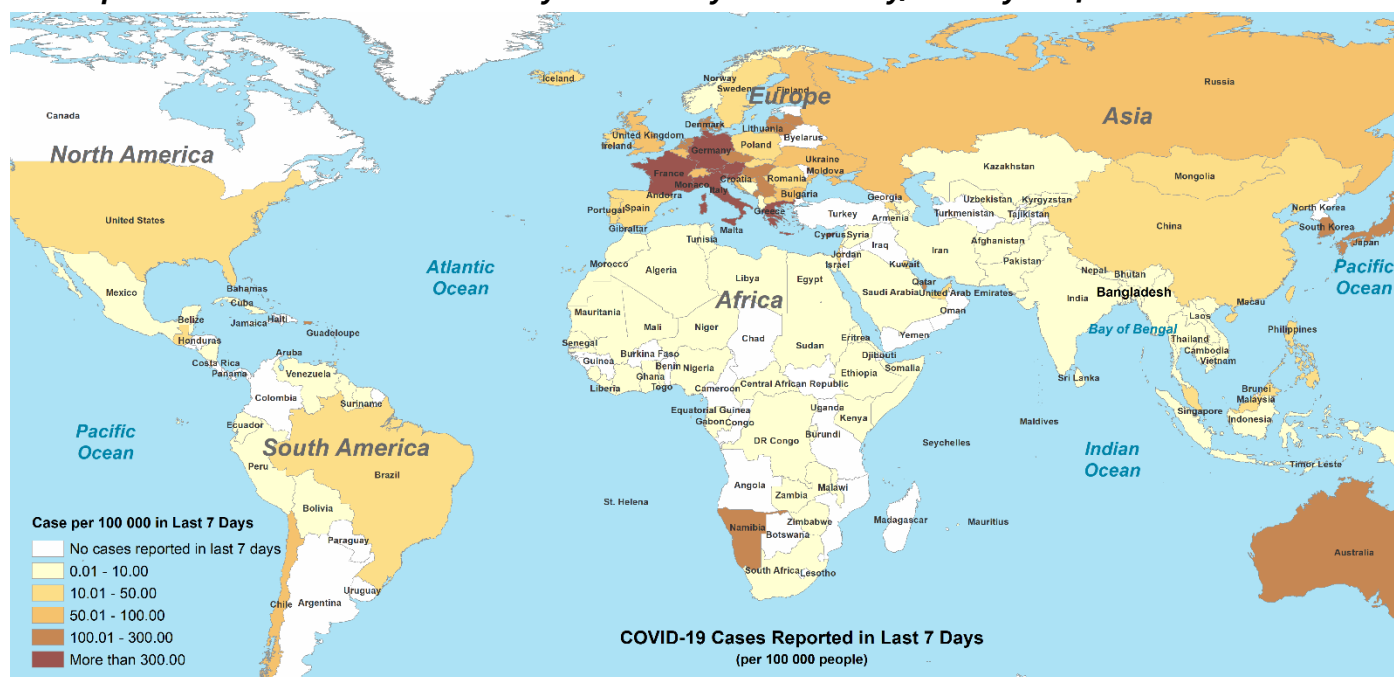
Tested	Confirmed Cases	Recovered	Death	Hotline
 <b>14 947 074</b>	 <b>2 032 443</b>	 <b>1 974 208</b>	 <b>29 401</b>	 <b>35.3 million</b>
Test/100 000/Week	Case/100 000/Week	Recovery Rate	CFR%	AR/100 000
<b>19.7</b>	<b>1.6</b>	<b>97.1%</b>	<b>1.45</b>	<b>1 193</b>
Testing Lab/Centres, Number of weekly Tests in 882 facilities			PoE Screening	
RT PCR Lab : <b>161</b> GeneXpert Lab : <b>57</b> Rapid Antigen : <b>664</b> Last week daily Test average: <b>4 794</b>			 <b>3 913 132</b>  <b>172 805</b>  <b>7 029</b>  <b>1 274 878</b>	
Vaccinated - 1 <sup>st</sup> dose : <b>135 195 632</b> Vaccinated - 2 <sup>nd</sup> dose : <b>123 917 458</b> Vaccinated - Booster dose : <b>57 294 620</b> Coverage - 1 <sup>st</sup> dose, Full dose : <b>79.4%, 72.8%</b>			 Cumulative Tests  Full 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 16 October 2022, **621 632 212** confirmed cases of COVID-19, including **6 545 287** deaths reported to WHO through national authorities.
- Most of the cases have been reported from the USA, with **95 529 652** cases and **1 052 823** deaths, followed by India with **44 628 828** cases and the third-highest death count of **528 895**. France reported the third-highest case of **35 118 802** and Brazil reported the second-highest death of **687 026**.

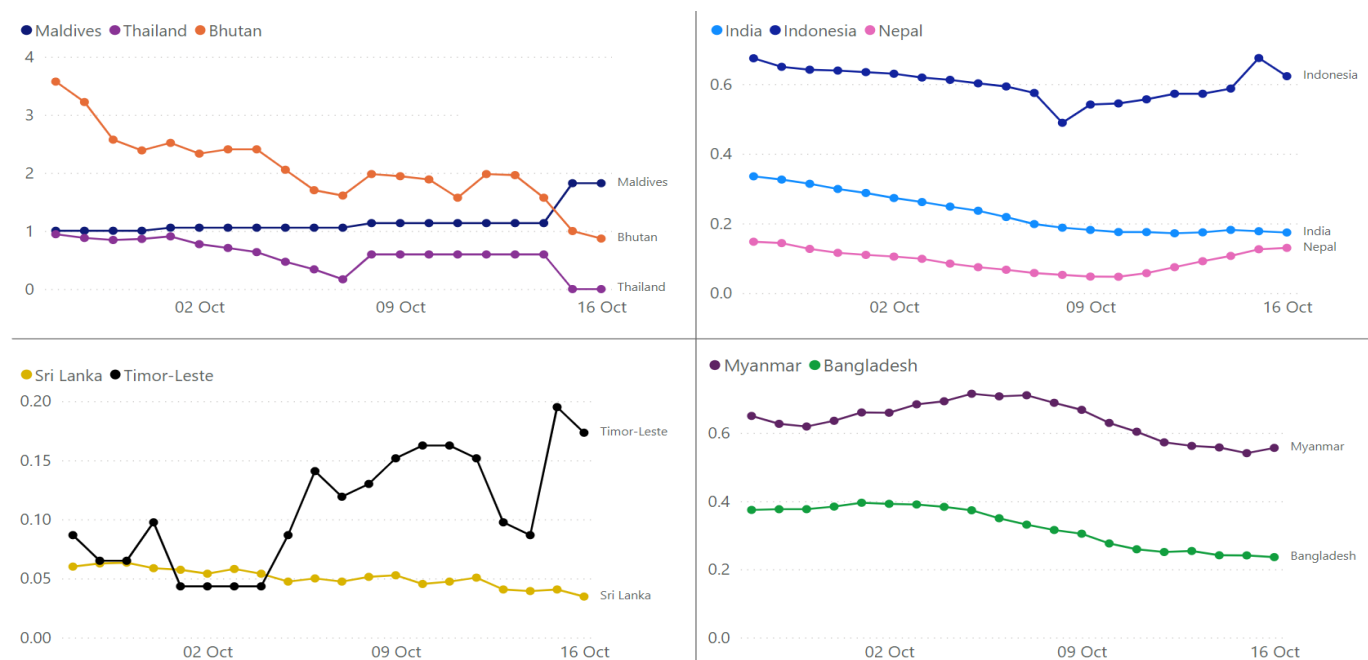
The map below shows the COVID-19 weekly new cases by WHO country/territory as of 16 October 2022.



Source: World Health Organization as of 16 October 2022

- The number of new weekly cases has decreased by 10.6% compared to the previous week. During this week (10 – 16 October 2022), over 2.8 million cases were reported. The number of deaths also decreased, with over 6.9 thousand fatalities reported.
- In WHO South-East Asia Region, 36 257 new cases and 281 new deaths were reported during the reporting week. Indonesia (11 920 new cases), Nepal (265 new cases), Maldives (69 new cases) and Timor-Leste (16 new cases) reported an increase in new cases.

The figures below show the 7DMA of COVID-19 cases per 100 000 population in the recent three weeks.



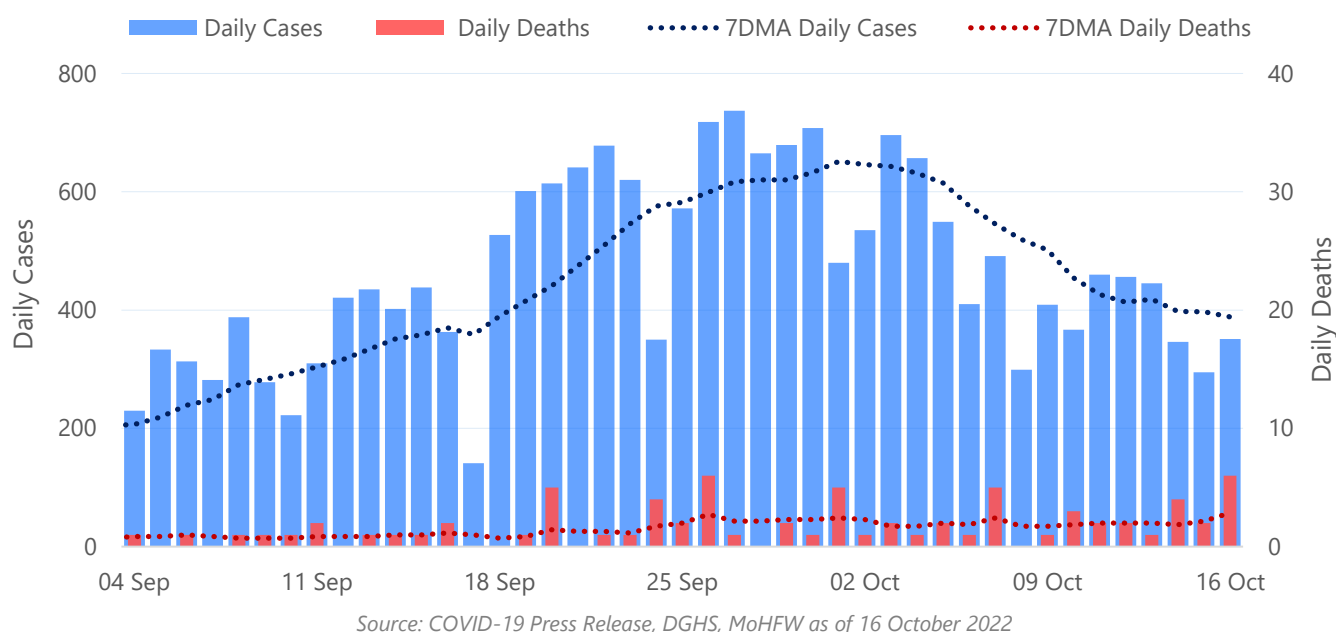
Source: COVID-19 Dashboard, SEARO, WHO as of 16 October 2022

## Bangladesh Situation:

### 1. Surveillance & Laboratory

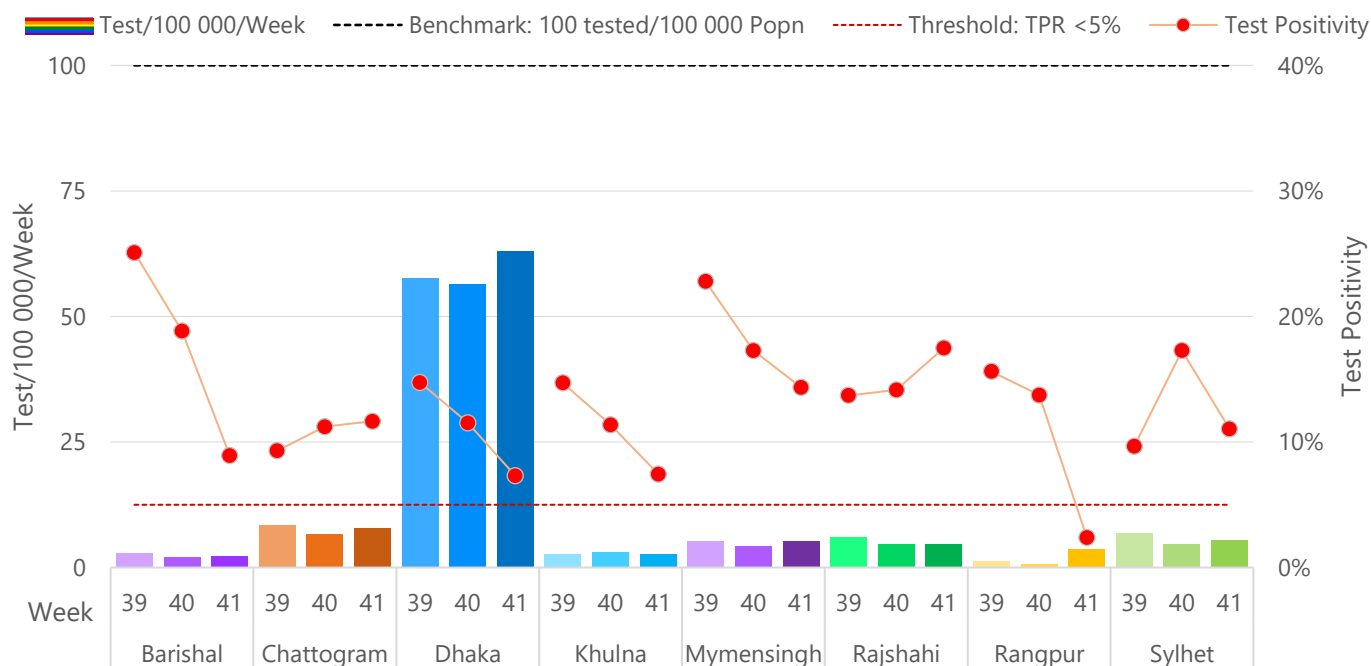
- Between 8 March 2020 and 16 October 2022, **2 032 443** COVID-19 cases were confirmed by RT-PCR, GeneXpert, and Rapid Antigen tests, including **29 401** related deaths (**CFR 1.45%**).
- In the past week (epidemiological week 41, 2022), Bangladesh reported **2 720** new cases, while 3 511 cases were reported in the week before; the case rate per 100 000 population per week is **1.6**. The country reported **20** new deaths in the reporting week.

**The graph below shows the daily Cases and Deaths of COVID-19, Bangladesh, 4 SEP – 16 OCT 2022.**



- The weekly new test is **33 559** (daily average: **4 794**), a **13.5% increase** compared to the previous week; the test rate per 100 000 per week is **19.7**; the weekly average test positivity rate (TPR) decreased to **8.1%**, from 11.9% in the previous week. The overall Case Fatality Ratio (CFR) is stable at **1.45%**.

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



**The following tables show the Epidemiological indicators for the COVID-19 situation by division in the country.**

Division	New Tests (last 7 Days)	New Tests (last 8-14 Days)	Test/100K/ Week	% change in new tests	% of new tests	Test Positivity	% change in test positivity	Test/Case
Barishal	224	207	2.3	8.2%	0.7%	8.9%	-53%	11.2
Chattogram	2 614	2 239	7.8	16.7%	7.8%	11.7%	4%	8.6
Dhaka	27 169	24 277	63.0	11.9%	81.0%	7.3%	-37%	13.7
Khulna	510	563	2.7	-9.4%	1.5%	7.5%	-34%	13.4
Mymensingh	697	561	5.4	24.2%	2.1%	14.3%	-17%	7.0
Rajshahi	1 023	1 031	4.7	-0.8%	3.0%	17.5%	24%	5.7
Rangpur	670	131	3.6	411.5%	2.0%	2.4%	-83%	41.9
Sylhet	652	550	5.6	18.5%	1.9%	11.0%	-36%	9.1
National	33 559	29 559	19.7	13.5%	100.0%	8.1%	-32%	12.3

Division	New Cases (last 7 days)	New Cases (last 8-14 days)	Case/100K/ Week	% change in new cases	% of new cases	Cumulative Cases	% of total cases	Rt
Barishal	20	39	0.2	-49%	0.7%	54 178	2.7%	0.73
Chattogram	305	251	0.9	22%	11.2%	297 748	14.6%	1.17
Dhaka	1 990	2 801	4.6	-29%	73.2%	1 250 307	61.5%	0.83
Khulna	38	64	0.2	-41%	1.4%	130 872	6.4%	0.75
Mymensingh	100	97	0.8	3%	3.7%	45 176	2.2%	0.97
Rajshahi	179	146	0.8	23%	6.6%	121 592	6.0%	1.17
Rangpur	16	18	0.1	-11%	0.6%	64 949	3.2%	1.16
Sylhet	72	95	0.6	-24%	2.6%	67 621	3.3%	0.87
National	2 720	3 511	1.6	-23%	100.0%	2 032 443	100%	0.88

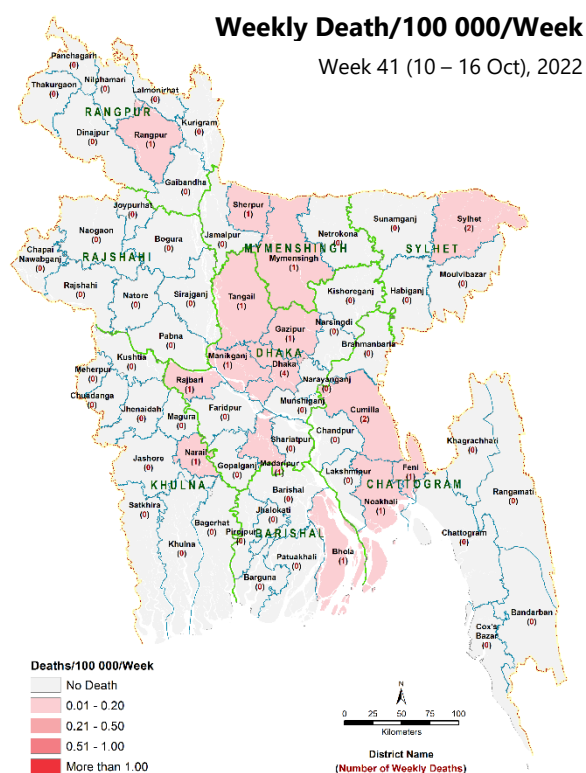
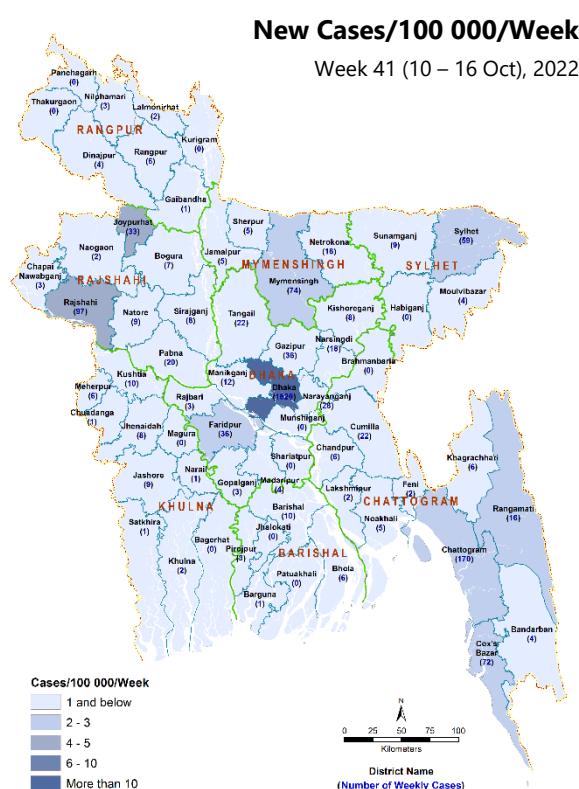
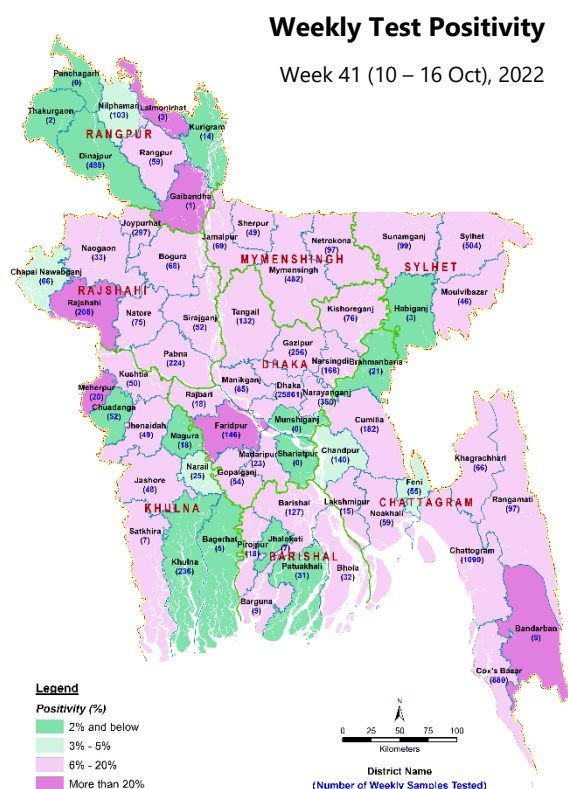
Division	New Deaths (last 7 Days)	New Deaths (last 8-14 Days)	Death/100K/ Week	% change in new deaths	% of new deaths	Cumulative Deaths	% of total deaths	Cumulative CFR
Barishal	1	0	0.01	100%	5.0%	992	3.4%	1.83%
Chattogram	4	0	0.01	400%	20.0%	5 900	20.1%	1.98%
Dhaka	9	6	0.02	50%	45.0%	12 936	44.0%	1.03%
Khulna	1	1	0.01	0%	5.0%	3 735	12.7%	2.85%
Mymensingh	2	4	0.02	-50%	10.0%	904	3.1%	2.00%
Rajshahi	0	0	0.00	0%	0.0%	2 156	7.3%	1.77%
Rangpur	1	0	0.01	100%	5.0%	1 428	4.9%	2.20%
Sylhet	2	1	0.02	100%	10.0%	1 350	4.6%	2.00%
National	20	12	0.01	67%	100.0%	29 401	100%	1.45%

Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 16 October 2022



- As of 16 October 2022, according to the DGHS Press Release, **14 947 074** COVID-19 tests (RT-PCR **88.3%**, GeneXpert **1.0%**, and Rapid Antigen **10.7%**) were conducted in Bangladesh with an overall positivity rate of 13.60% and **5.86%** in the last 24 hours.
- There are **882** government or private COVID-19 laboratories or test centres in the country. These are distributed as follows among government and private, RT-PCR **56/161**, GeneXpert **54/57** and Rapid Antigen **545/664**. Sixty-six percent of all tests since the outbreak have been conducted in government facilities

**The maps below show the distribution of COVID-19 TPR, Cases, Case increment, and Deaths as of week 41, 2022.**



Source: COVID-19 Press Release, DGHS, MoHFW as of 16 October 2022

## 2. Case Management and Infection Prevention & Control

- As of 16 October 2022, **12 860** general beds are dedicated to COVID-19 treatment countrywide, with 1.3% (**165/12 860**) occupied. The Rajshahi division experienced the overall highest, 8.9% (**22/247**) general bed occupancy. Occupied general beds in the country **decreased** from 201 last week to **165** this week.
- There are **1 186** dedicated ICU beds in the country. The majority of these are in Dhaka city (61.3%) and Chattogram (5.4%), with an overall countrywide occupancy of 4.5% (**53/1 186**). The Sylhet division experienced the overall highest, **27.3%** (**6/22**) ICU bed occupancy. Occupied ICU beds **decreased** from 57 last week to **53** this week.

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

	National				Dhaka City				Chattogram City			
	16-Oct	9-Oct	2-Oct	25-Sep	16-Oct	9-Oct	2-Oct	25-Sep	16-Oct	9-Oct	2-Oct	25-Sep
General beds	12 860	12 860	12 890	12 890	4 440	4 440	4 470	4 470	917	917	917	917
Vacant	12 695	12 659	12 642	12 701	4 367	4 328	4 308	4 349	900	895	907	899
Gen. bed Occupancy	1.3%	1.6%	1.9%	1.5%	1.6%	2.5%	3.6%	2.7%	1.9%	2.4%	1.1%	2.0%
ICU beds	1 186	1 186	1 186	1 196	731	731	731	731	64	64	64	64
Vacant	1 133	1 129	1 126	1 142	702	693	693	697	62	64	63	64
ICU bed Occupancy	4.5%	4.8%	5.1%	4.5%	4.0%	5.2%	5.2%	4.7%	3.1%	0.0%	1.6%	0.0%

Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 16 October 2022

- During the past week, 20 deaths were reported (Male 45.0% and Female 55.0%) from all over the country. 45.0% of them were not vaccinated.
- Among these deaths, 16 people (80.0%) reported different comorbidities. Diabetes and High Blood Pressure were reported at 31.3% and 62.5%, respectively. Other significant comorbidities are Heart disease (31.3%), Stroke (18.8%), and Chest disease (12.5%).

## 3. Vaccination

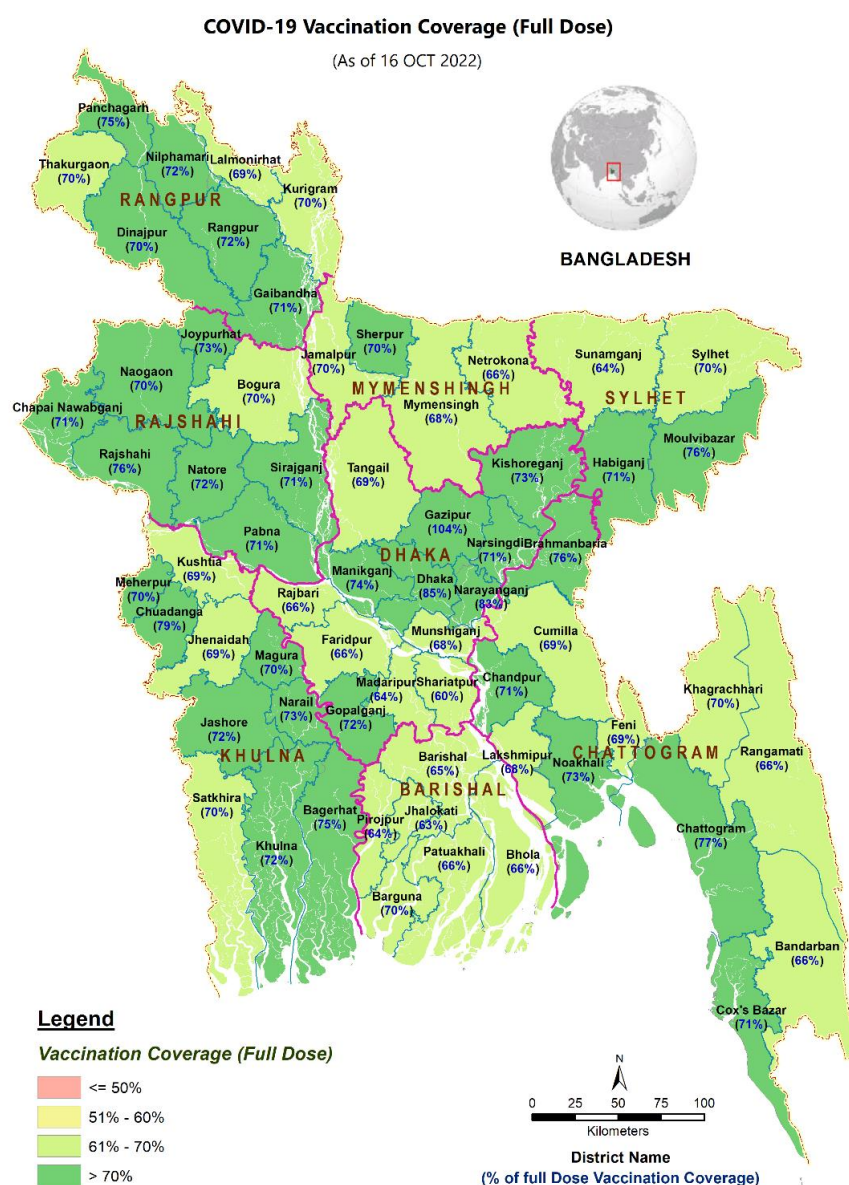
- As of 16 October 2022, **135 195 632** individuals received their first dose, **123 917 458** completed their two-dose schedule, and **57 294 620** received the COVID-19 booster dose.
- More than **79.4%** of the total population received the first dose, and **72.8%** completed the two doses schedule (as per the estimated population of 170 317 077, by Bangladesh Bureau of Statistics, 1 July 2021).
- The male and female ratio was 49.9% and **50.1%** among the people who received the first dose and 49.7% and **50.3%**, respectively, for the second dose.

Full dose Vaccination	# of Districts	
	Week 40	Week 41
>70%	33	34
61% - 70%	31	30
51% - 60%	0	0
<=50%	0	0

The table below shows the vaccination status in the country by division as of 16 October 2022

Division	First dose		Second dose		Booster dose	
Barishal	7 217 261	73.4%	6 456 678	65.6%	2 884 515	29.3%
Chattogram	26 271 060	78.2%	24 336 444	72.4%	9 966 018	29.7%
Dhaka	38 484 508	89.3%	33 952 842	78.8%	15 904 927	36.9%
Khulna	14 312 661	77.2%	13 285 528	71.6%	7 192 402	38.8%
Mymensingh	9 614 069	74.0%	8 837 458	68.0%	3 703 590	28.5%
Rajshahi	16 522 335	75.6%	15 609 720	71.4%	8 196 126	37.5%
Rangpur	14 056 478	75.3%	13 268 325	71.1%	5 865 833	31.4%
Sylhet	8 717 260	74.4%	8 170 463	69.8%	3 581 209	30.6%
<b>Total</b>	<b>135 195 632</b>	<b>79.4%</b>	<b>123 917 458</b>	<b>72.8%</b>	<b>57 294 620</b>	<b>33.6%</b>

Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 16 October 2022



### 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-mvxyxqv56>
- WHO update on Coronavirus disease (COVID-19) pandemic:  
<https://www.who.int/emergencies/diseases/novel-coronavirus-2019>
- COVID-19 Situation in the WHO South-East Asia Region:  
<https://experience.arcgis.com/experience/56d2642cb379485ebf78371e744b8c6a>
- 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>