










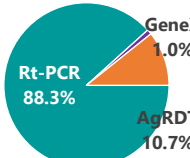
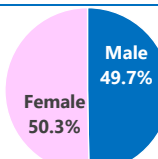


After-effect of cyclone Sitrang in Bangladesh

Photo Credit: Social Media, Bangladesh

Highlights:

- The number of reported cases and deaths continues to decline in Bangladesh. There were 1 011 cases and 10 deaths reported, which is a 40.5% and 16.7% decrease this week compared to the last week.
- The average weekly TPR is now below 5% after 8 weeks of steady decline. Among the 50 sequenced samples collected in October 2022, 84% were XBB.1, 8% were XBB, and the rest were other sub-lineages of the Omicron variant of SARS-CoV-2.

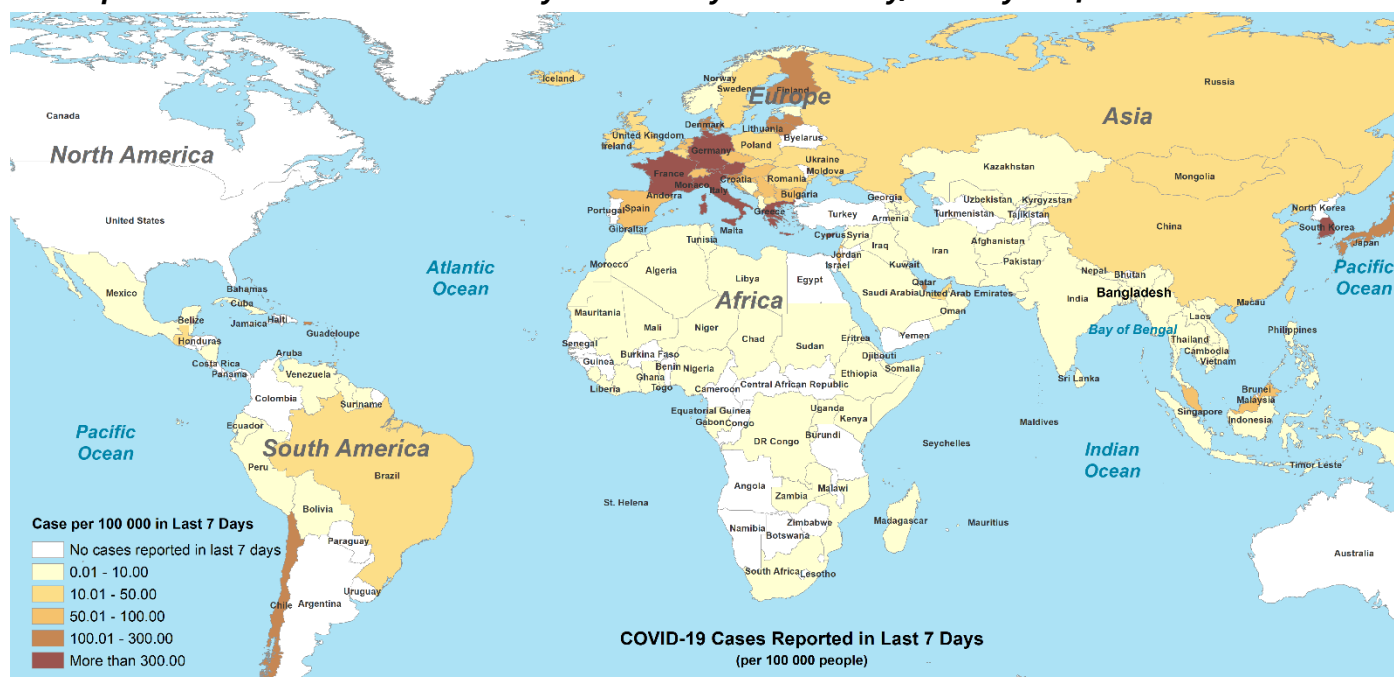
Tested	Confirmed Cases	Recovered	Death	Hotline
				
15 000 360	2 035 152	1 980 509	29 423	35.4 million
Test/100 000/Week	Case/100 000/Week	Recovery Rate	CFR%	AR/100 000
15.3	0.6	97.3%	1.45	1 195
Testing Lab/Centres, Number of weekly Tests in 882 facilities			PoE Screening	
<div>RT PCR Lab : 161</div> <div>GeneXpert Lab : 57</div> <div>Rapid Antigen : 664</div> <div>Last week daily Test average: 3 731</div>			<div> 3 931 079</div> <div> 175 313</div> <div> 7 029</div> <div> 1 320 698</div>	
Vaccination	Vaccinated - 1 st dose 137 665 486		<div> Cumulative Tests</div> <div> Full dose by Gender</div>	
	Vaccinated - 2 nd dose 124 101 272			
	Vaccinated - Booster dose 57 867 304			
	Coverage - 1 st dose, Full dose 80.8%, 72.9%			

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 30 October 2022, **627 025 205** confirmed cases of COVID-19, including **6 567 187** deaths reported to WHO through national authorities.
- Most of the cases have been reported from the USA, with **95 946 824** cases and **1 059 255** deaths, followed by India with **44 652 266** cases and the third-highest death count of **529 016**. France reported the third-highest case of **35 723 289** and Brazil the second-highest death of **687 907**.

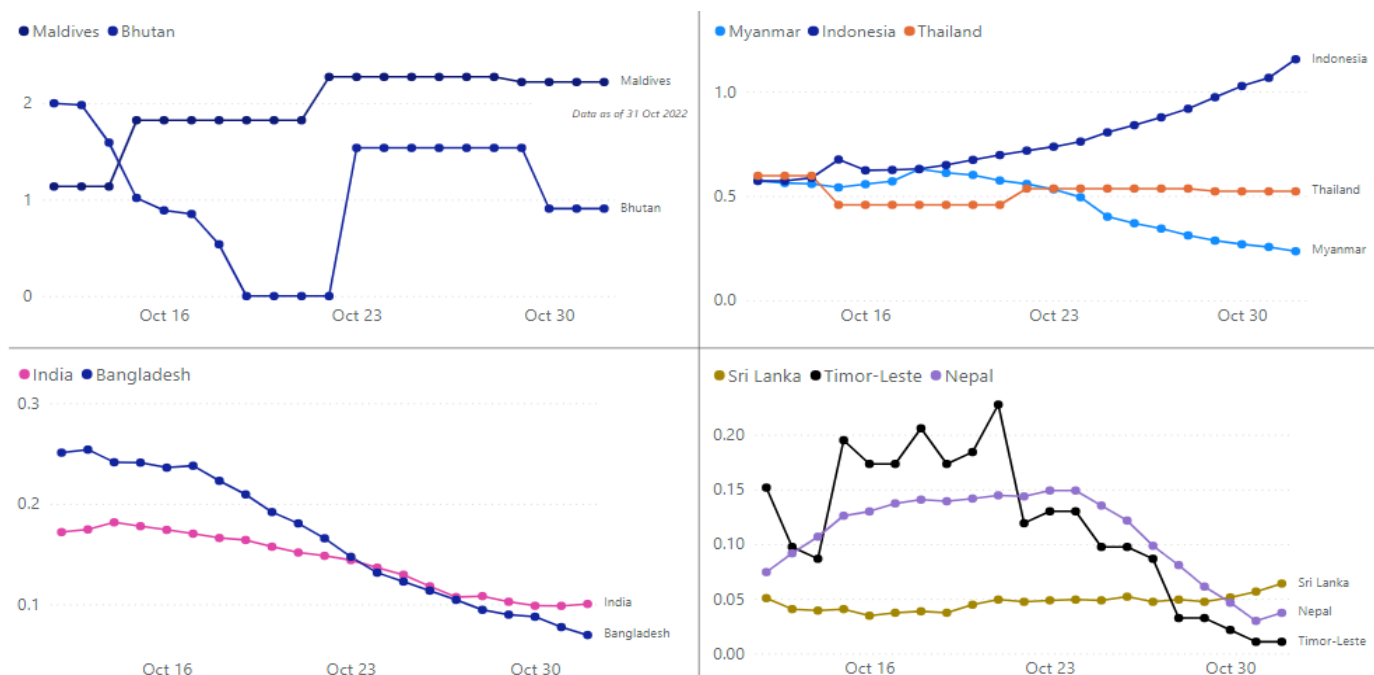
The map below shows the COVID-19 weekly new cases by WHO country/territory as of 30 October 2022.



Source: World Health Organization as of 30 October 2022

- The number of new weekly cases has decreased by 28.2% compared to the previous week. During this week (24 – 30 October 2022), over 2.0 million cases were reported. The number of deaths also decreased, with over 5.5 thousand fatalities reported.
- In WHO South-East Asia Region, 34 026 new cases and 278 new deaths were reported during the reporting week. Indonesia (19 661 new cases), and Sri Lanka (76 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.



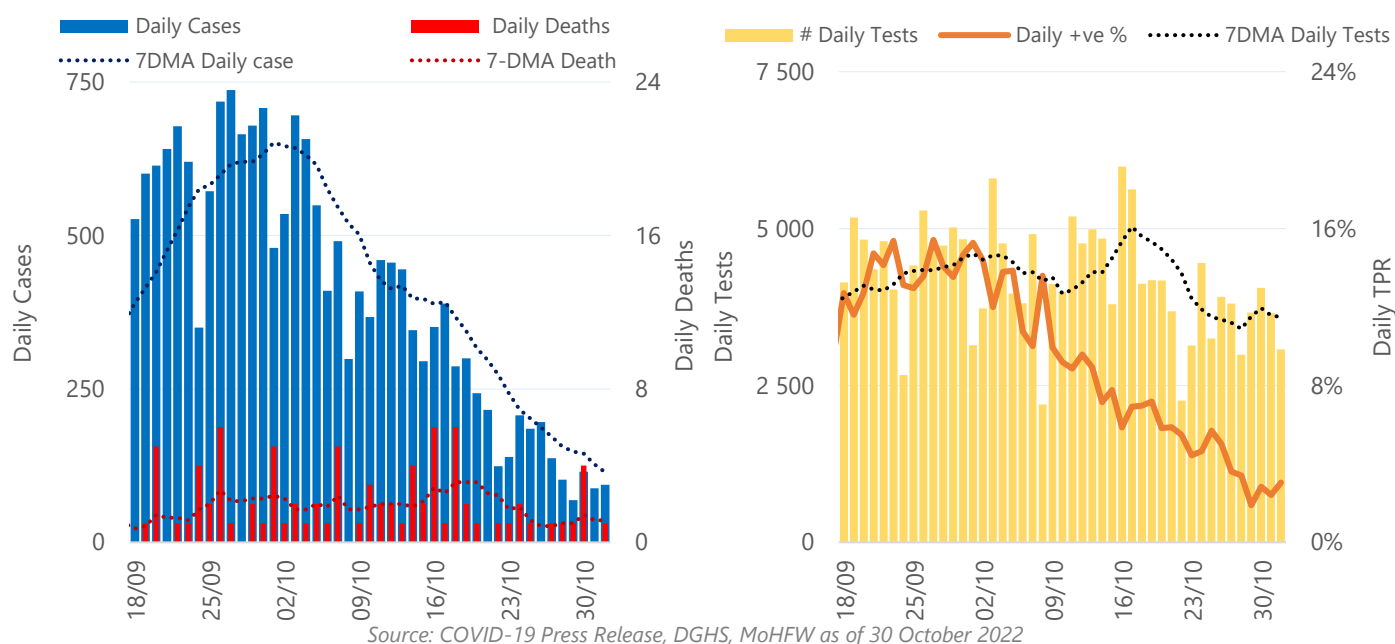
Source: COVID-19 Dashboard, SEARO, WHO as of 30 October 2022

Bangladesh Situation:

1. Surveillance & Laboratory

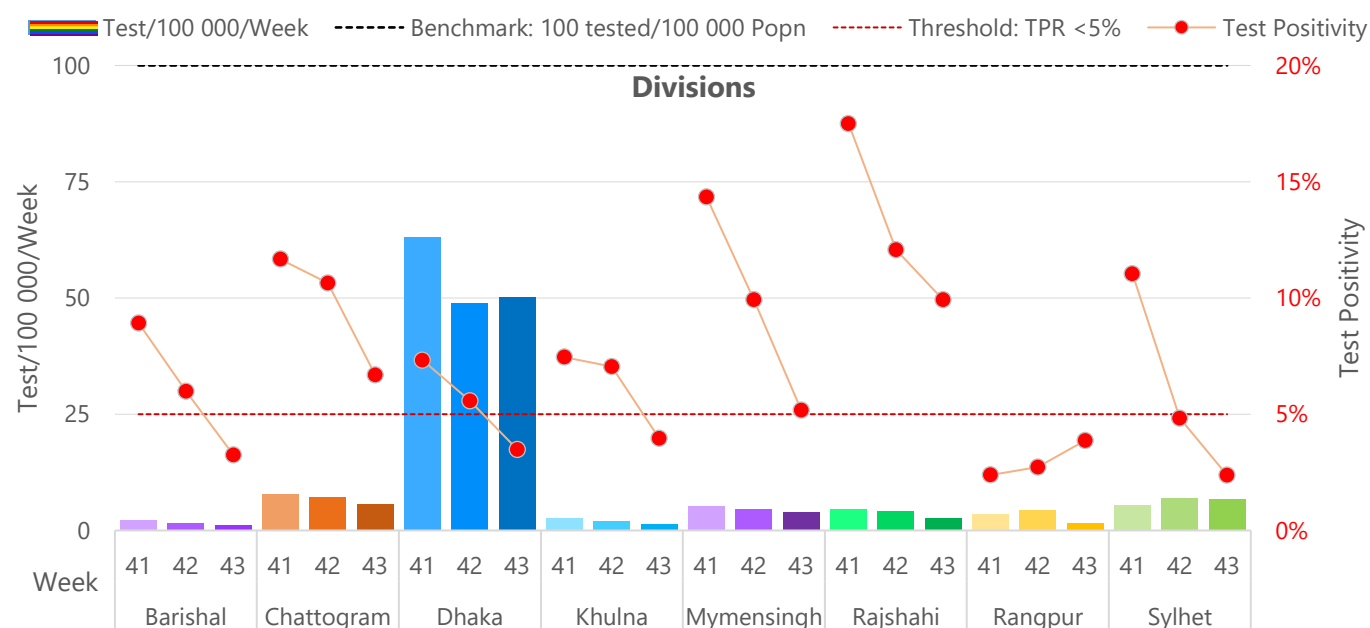
- Between 8 March 2020 and 30 October 2022, **2 035 152** COVID-19 cases were confirmed by RT-PCR, GeneXpert, and Rapid Antigen tests, including **29 423** related deaths (**CFR 1.45%**).
- In the past week (epidemiological week 43, 2022), Bangladesh reported **1 011** new cases, while 1 698 cases were reported in the week before; the case rate per 100 000 population per week is **0.6**. The country reported **10** new deaths in the reporting week.

The graphs below show the daily Cases, Deaths, Tests and TPR of COVID-19, Bangladesh, 18 SEP – 30 OCT 2022.



- The weekly new test is **26 118** (daily average: **3 731**), a **3.9% decrease** compared to the previous week; the test rate per 100 000 per week is **15.3**; the weekly average test positivity rate (TPR) decreased to **3.9%**, from 6.3% 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	123	167	1.3	-26.3%	0.5%	3.3%	-46%	30.8
Chattogram	1 883	2 404	5.6	-21.7%	7.2%	6.7%	-37%	14.9
Dhaka	21 646	21 089	50.2	2.6%	82.9%	3.5%	-37%	28.7
Khulna	277	397	1.5	-30.2%	1.1%	4.0%	-44%	25.2
Mymensingh	521	594	4.0	-12.3%	2.0%	5.2%	-48%	19.3
Rajshahi	584	903	2.7	-35.3%	2.2%	9.9%	-18%	10.1
Rangpur	284	807	1.5	-64.8%	1.1%	3.9%	42%	25.8
Sylhet	800	807	6.8	-0.9%	3.1%	2.4%	-51%	42.1
National	26 118	27 168	15.3	-3.9%	100.0%	3.9%	-38%	25.8

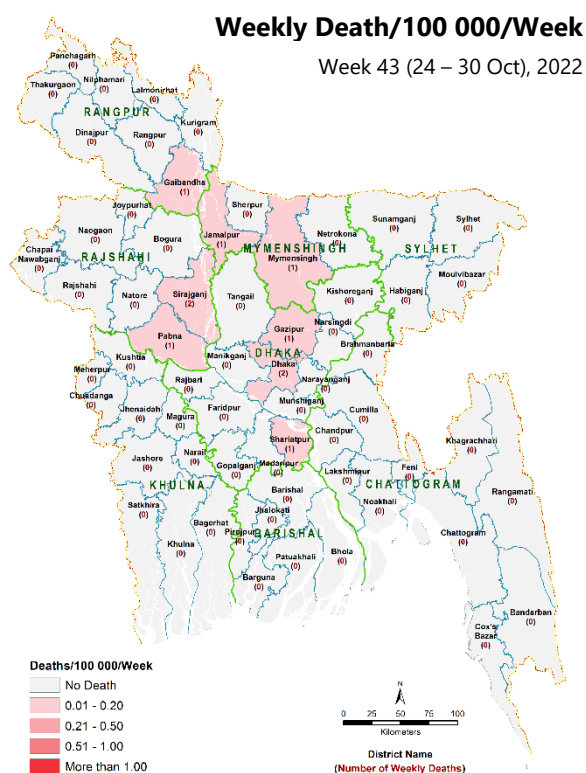
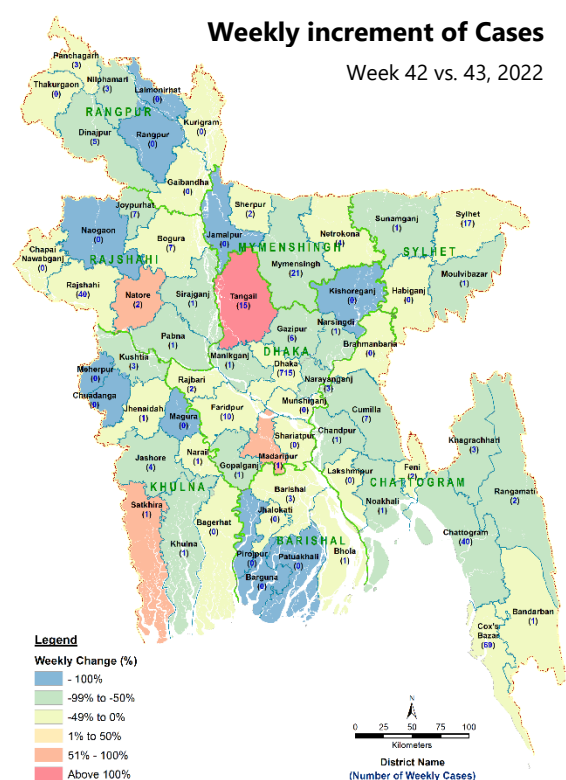
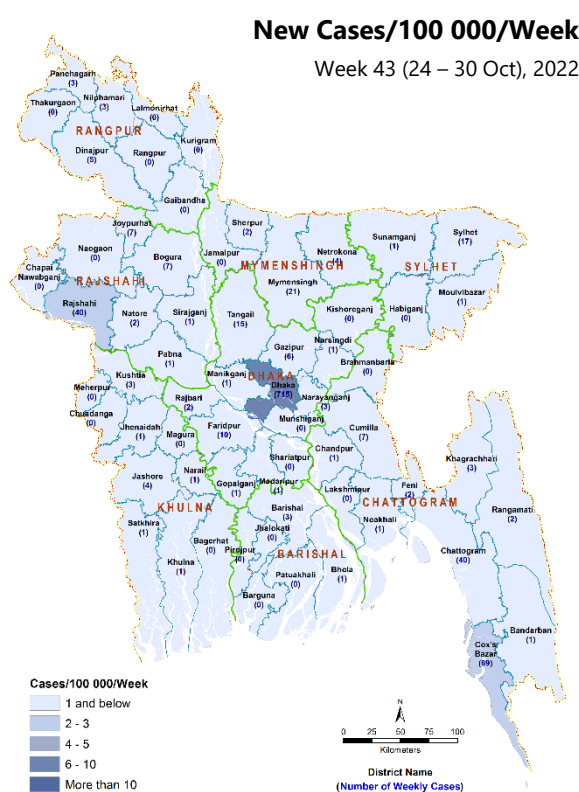
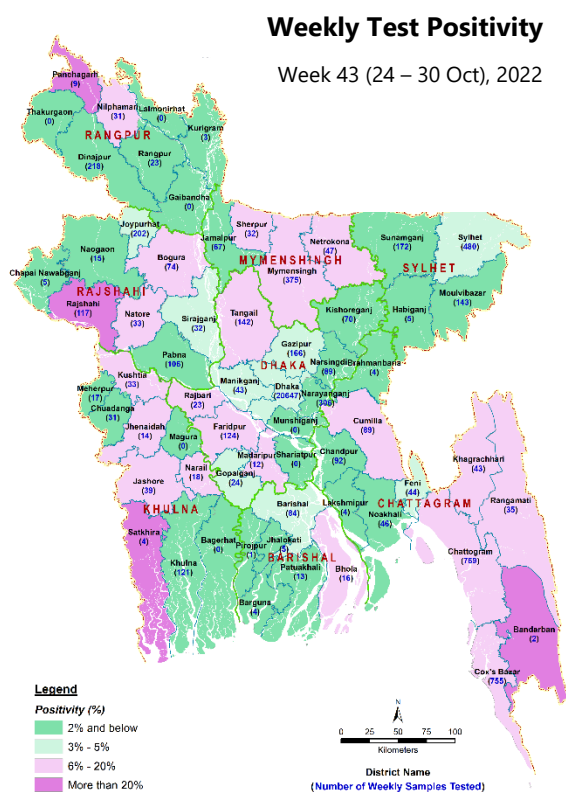
Division	New Cases (last 7 days)	New Cases (last 8-14 days)	Case/100K/ Week	% change in new cases	% of new cases	Cumulative Cases	% of total cases	Rt
Barishal	4	10	0.0	-60%	0.4%	54 192	2.7%	0.78
Chattogram	126	256	0.4	-51%	12.5%	298 130	14.6%	0.63
Dhaka	755	1 175	1.8	-36%	74.7%	1 252 237	61.5%	0.75
Khulna	11	28	0.1	-61%	1.1%	130 911	6.4%	0.54
Mymensingh	27	59	0.2	-54%	2.7%	45 262	2.2%	0.59
Rajshahi	58	109	0.3	-47%	5.7%	121 759	6.0%	0.68
Rangpur	11	22	0.1	-50%	1.1%	64 982	3.2%	0.64
Sylhet	19	39	0.2	-51%	1.9%	67 679	3.3%	0.67
National	1 011	1 698	0.6	-40%	100.0%	2 035 152	100%	0.72

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	0	0	0.00	0%	0.0%	992	3.4%	1.83%
Chattogram	0	2	0.00	-100%	0.0%	5 902	20.1%	1.98%
Dhaka	4	3	0.01	33%	40.0%	12 943	44.0%	1.03%
Khulna	0	0	0.00	0%	0.0%	3 735	12.7%	2.85%
Mymensingh	2	2	0.02	0%	20.0%	908	3.1%	2.01%
Rajshahi	3	2	0.01	50%	30.0%	2 161	7.3%	1.77%
Rangpur	1	0	0.01	100%	10.0%	1 429	4.9%	2.20%
Sylhet	0	3	0.00	-100%	0.0%	1 353	4.6%	2.00%
National	10	12	0.01	-17%	100.0%	29 423	100%	1.45%

Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 30 October 2022

- As of 30 October 2022, according to the DGHS Press Release, **15 000 360** 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 13.57% and **2.84%** in the last 24 hours.
- There are **882** government or private laboratories or test centres in the country engaged in detecting COVID-19. These include **56** government and **105** private RT-PCR labs, **54** government and **3** private GeneXpert, and **545** government and **119** private Rapid Antigen facilities.

The maps below show the distribution of COVID-19 TPR, Cases, Case increment, and Deaths as of week 43, 2022.



Source: COVID-19 Press Release, DGHS, MoHFW as of 30 October 2022

2. Case Management and Infection Prevention & Control

- As of 30 October 2022, **12 860** general beds are dedicated to COVID-19 treatment countrywide, with 0.7% (**89/12 860**) occupied. The Rajshahi division experienced the overall highest, 6.1% (**15/247**) general bed occupancy. Occupied general beds in the country **decreased** from 131 last week to **89** 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 3.2% (**38/1 186**). The Sylhet division experienced the overall highest, **13.6%** (**3/22**) ICU bed occupancy. Occupied ICU beds **decreased** from 44 last week to **38** 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			
	30-Oct	23-Oct	16-Oct	9-Oct	30-Oct	23-Oct	16-Oct	9-Oct	30-Oct	23-Oct	16-Oct	9-Oct
General beds	12 860	12 860	12 860	12 860	4 440	4 440	4 440	4 440	917	917	917	917
Vacant	12 771	12 729	12 695	12 659	4 404	4 371	4 367	4 328	898	898	900	895
Gen. bed Occupancy	0.7%	1.0%	1.3%	1.6%	0.8%	1.6%	1.6%	2.5%	2.1%	2.1%	1.9%	2.4%
ICU beds	1 186	1 186	1 186	1 186	731	731	731	731	64	64	64	64
Vacant	1 148	1 145	1 133	1 129	701	708	702	693	64	62	62	64
ICU bed Occupancy	3.2%	3.5%	4.5%	4.8%	4.1%	3.1%	4.0%	5.2%	0.0%	3.1%	3.1%	0.0%

Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 30 October 2022

- During the past week, 10 deaths were reported (Male 70.0% and Female 30.0%) from all over the country. 40.0% of them were not vaccinated.
- Among these deaths, five people (50.0%) reported different comorbidities. Diabetes and High Blood Pressure were reported at 40.0%, each. Diabetes and High Blood Pressure were reported at 40.0%, each. Other significant comorbidities are kidney disease (40.0%), Stroke, and Heart disease (20.0% each).

3. Vaccination

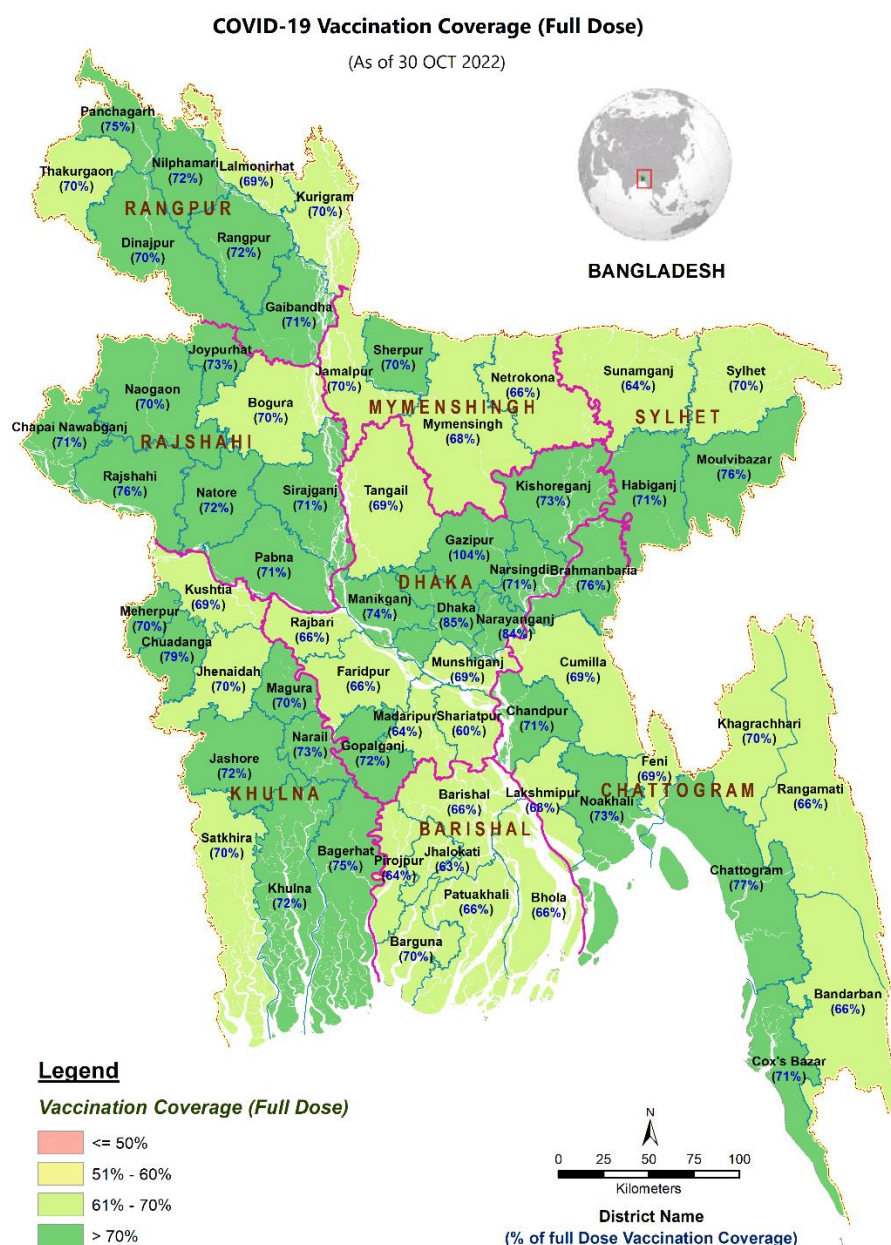
- As of 30 October 2022, **137 665 486** individuals received their first dose, **124 101 272** completed their two-dose schedule, and **57 867 304** received the COVID-19 booster dose.
- More than **80.8%** of the total population received the first dose, and **72.9%** completed the two doses schedule (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 42	Week 43
>70%	34	34
61% - 70%	30	30
51% - 60%	0	0
<=50%	0	0

The table below shows the vaccination status in the country by division as of 30 October 2022

Division	First dose		Second dose		Booster dose	
Barishal	7 325 900	74.5%	6 473 506	65.8%	2 903 454	29.5%
Chattogram	26 705 673	79.5%	24 371 723	72.5%	10 037 220	29.9%
Dhaka	39 264 664	91.1%	34 000 106	78.9%	16 087 643	37.3%
Khulna	14 533 603	78.4%	13 307 210	71.8%	7 258 233	39.1%
Mymensingh	9 756 004	75.1%	8 864 331	68.2%	3 731 082	28.7%
Rajshahi	16 821 648	76.9%	15 632 613	71.5%	8 314 888	38.0%
Rangpur	14 322 289	76.7%	13 274 264	71.1%	5 917 876	31.7%
Sylhet	8 935 705	76.3%	8 177 519	69.8%	3 616 908	30.9%
Total	137 665 486	80.8%	124 101 272	72.9%	57 867 304	34.0%

Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 30 October 2022



Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 30 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-mvyxqv56>
- 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>