




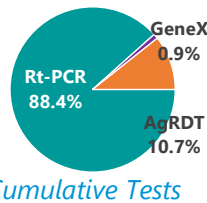
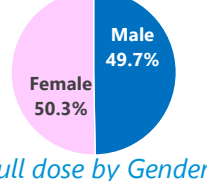








Photo Credit: Social Media, Bangladesh

Highlights:

- Both the number of reported cases and deaths decreased to 3 511 cases and 12 deaths this week from 4 522 cases and 16 deaths reported last week. This is the first time in 6 weeks that the country has witnessed a drop in reported weekly cases.
- Test Positivity ratio also decreased to 11.9% from 14.4% last week despite similar number of tests conducted.
- The overall COVID-19 full immunization coverage rate is 72.7%, however at least 50% of reported deaths in the last 3 weeks did not report receiving any COVID-19 vaccination.

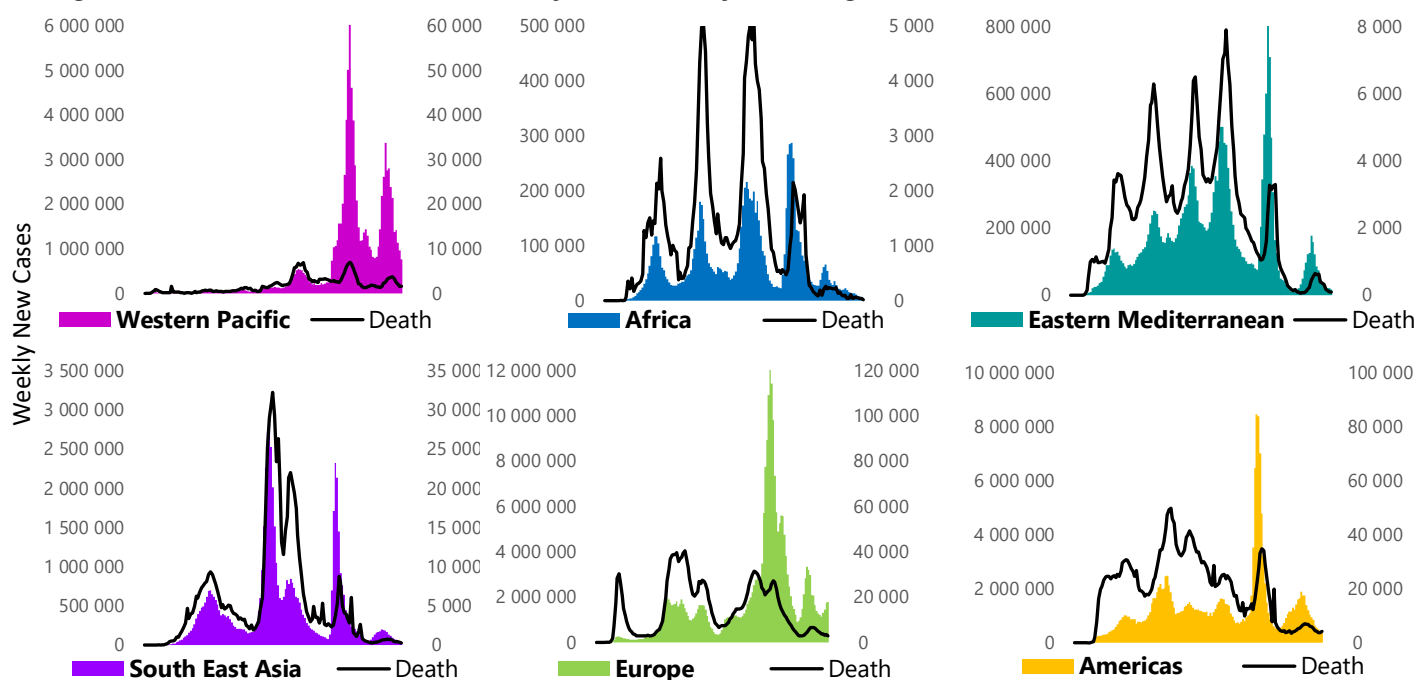
Tested	Confirmed Cases	Recovered	Death	Hotline
 14 913 515	 2 029 723	 1 969 995	 29 381	 35.2 million
Test/100 000/Week	Case/100 000/Week	Recovery Rate	CFR%	AR/100 000
17.4	2.1	97.1%	1.45	1 192
Testing Lab/Centres, Number of weekly Tests in 882 facilities			PoE Screening	
RT PCR Lab : 161 13 177 203 GeneXpert Lab : 57 141 616 Rapid Antigen : 664 1 594 696 Last week daily Test average: 4 223			 Cumulative Tests	
Vaccination Vaccinated - 1 st dose : 132 086 100 Vaccinated - 2 nd dose : 123 787 086 Vaccinated - Booster dose : 53 864 081 Coverage - 1 st dose, Full dose : 77.6%, 72.7% Full dose by Gender			 Male 49.7% Female 50.3%	
			 3 904 420  171 430  7 029  1 247 111	

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 9 October 2022, **618 681 579** confirmed cases of COVID-19, including **6 536 246** deaths reported to WHO through national authorities.
- Most of the cases have been reported from the USA, with **95 377 674** cases and **1 051 170** deaths, followed by India with **44 612 013** cases and the third-highest death count of **528 799**. France reported the third-highest case of **34 780 513** and Brazil reported the second-highest death of **686 803**.

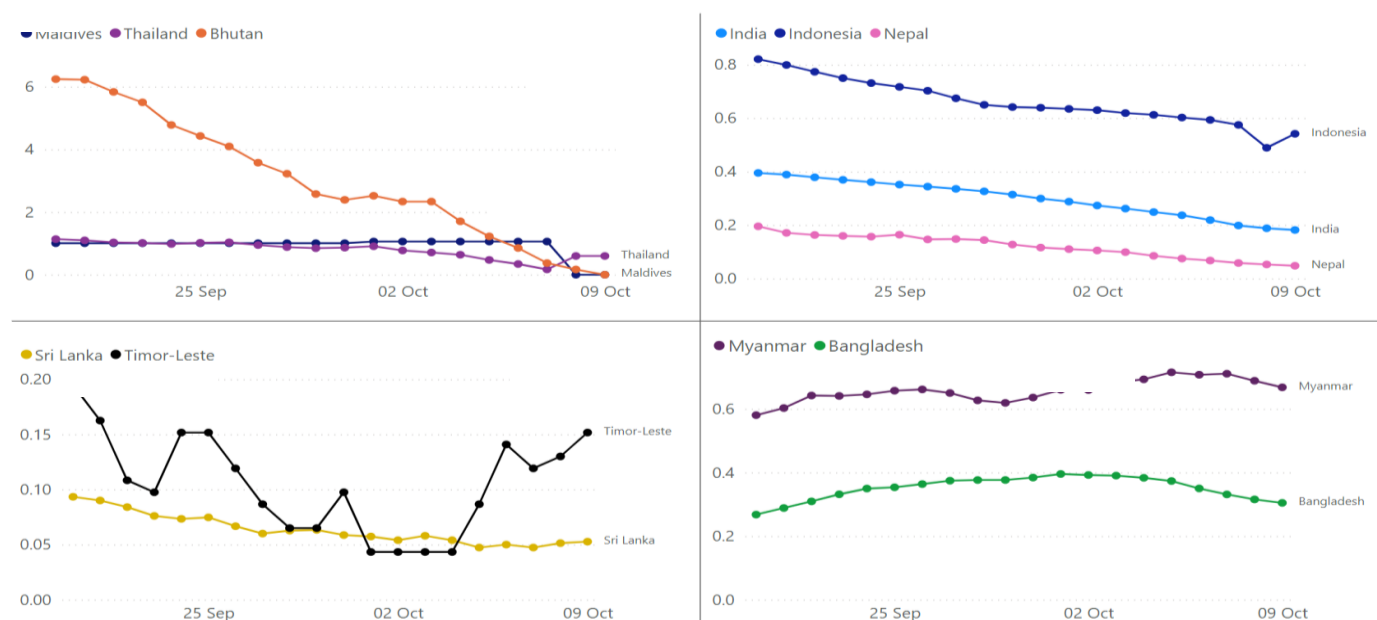
The figures below show the COVID-19 weekly new cases by WHO regions as of 9 October 2022.



Source: World Health Organization as of 9 October 2022

- The number of new weekly cases has decreased by 6.8% compared to the previous week. During this week (3 – 9 October 2022), over 3.02 million cases were reported. The number of deaths also decreased, with over 9.1 thousand fatalities reported.
- In WHO South-East Asia Region, 37 197 new cases and 281 new deaths were reported during the reporting week. Myanmar (2 544 new cases), Maldives (43 new cases), and Timor-Leste (14 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.



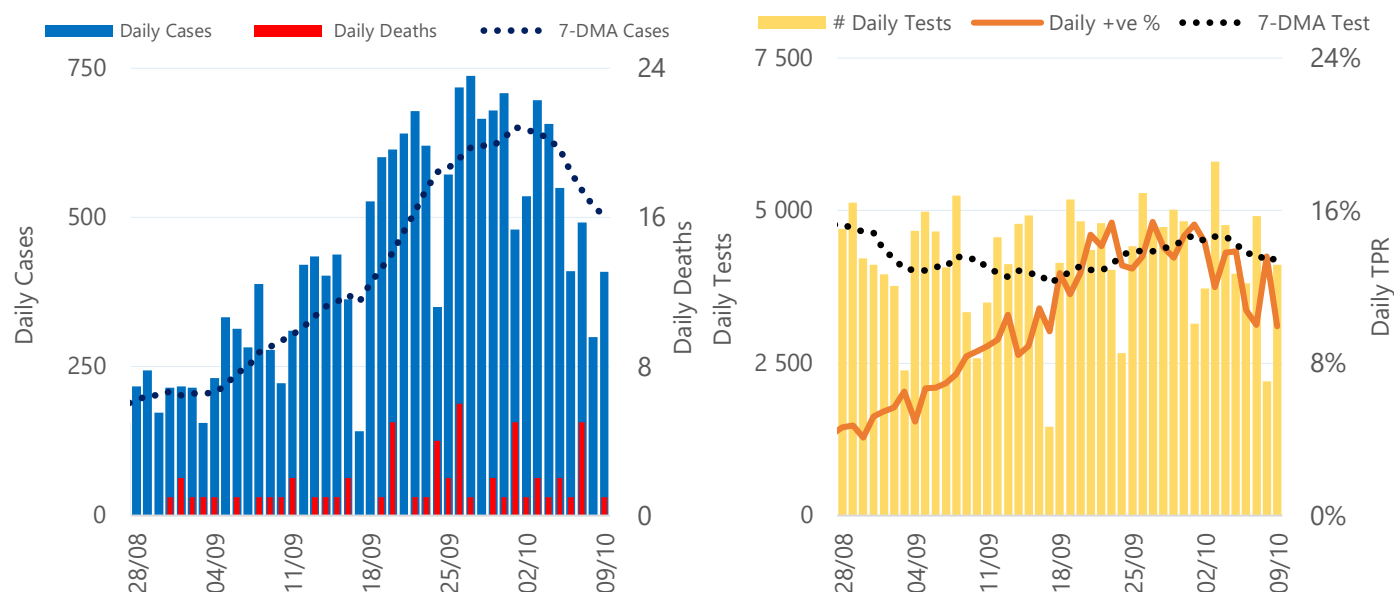
Source: COVID-19 Dashboard, SEARO, WHO as of 9 October 2022

Bangladesh Situation:

1. Surveillance & Laboratory

- Between 8 March 2020 and 9 October 2022, **2 029 723** COVID-19 cases were confirmed by RT-PCR, GeneXpert, and Rapid Antigen tests, including **29 381** related deaths (**CFR 1.45%**).
- In the past week (epidemiological week 40, 2022), Bangladesh reported **3 511** new cases, while 4 522 cases were reported in the week before; the case rate per 100 000 population per week is **2.1**. The country reported **12** new deaths in the reporting week.

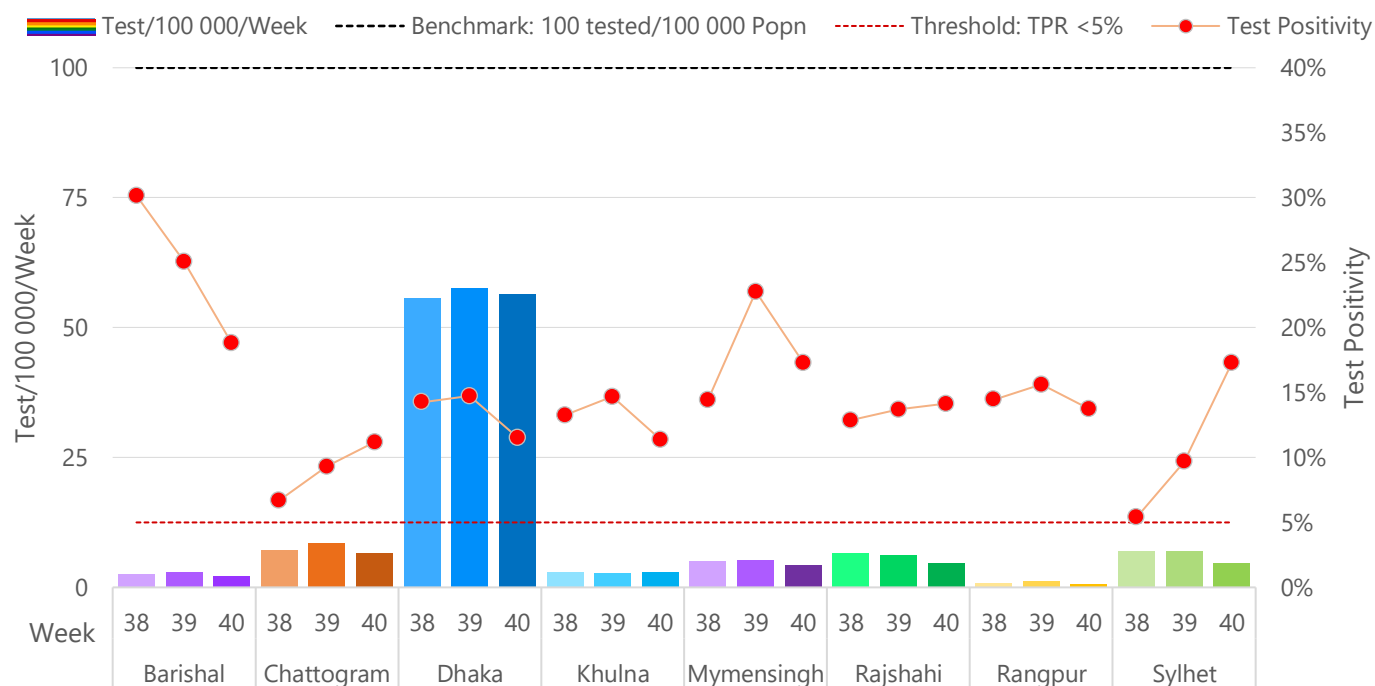
The graph below shows the daily Cases, Deaths, Tests and TPR of COVID-19, Bangladesh, 28 AUG – 9 OCT 2022.



Source: COVID-19 Press Release, DGHS, MoHFW as of 9 October 2022

- The weekly new test is **29 559** (daily average: **4 223**), a **6.2% decrease** compared to the previous week; the test rate per 100 000 per week is **17.4**; the weekly average test positivity rate (TPR) decreased to **11.9%**, from 14.4% 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.



Source: COVID-19 Press Release, DGHS, MoHFW as of 9 October 2022

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	207	283	2.1	-26.9%	0.7%	18.8%	-25%	5.3
Chattogram	2 239	2 836	6.7	-21.1%	7.6%	11.2%	20%	8.9
Dhaka	24 277	24 802	56.3	-2.1%	82.1%	11.5%	-22%	8.7
Khulna	563	517	3.0	8.9%	1.9%	11.4%	-23%	8.8
Mymensingh	561	685	4.3	-18.1%	1.9%	17.3%	-24%	5.8
Rajshahi	1 031	1 343	4.7	-23.2%	3.5%	14.2%	3%	7.1
Rangpur	131	237	0.7	-44.7%	0.4%	13.7%	-12%	7.3
Sylhet	550	807	4.7	-31.8%	1.9%	17.3%	79%	5.8
National	29 559	31 510	17.4	-6.2%	100.0%	11.9%	-17%	8.4

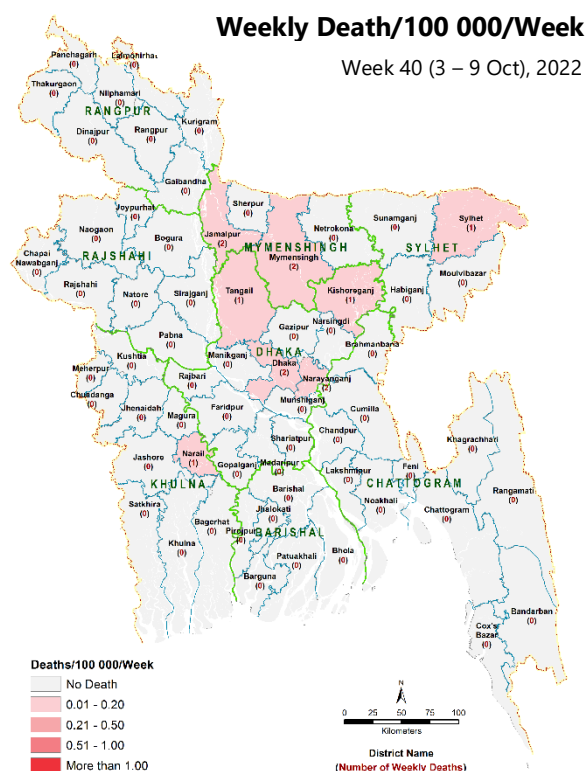
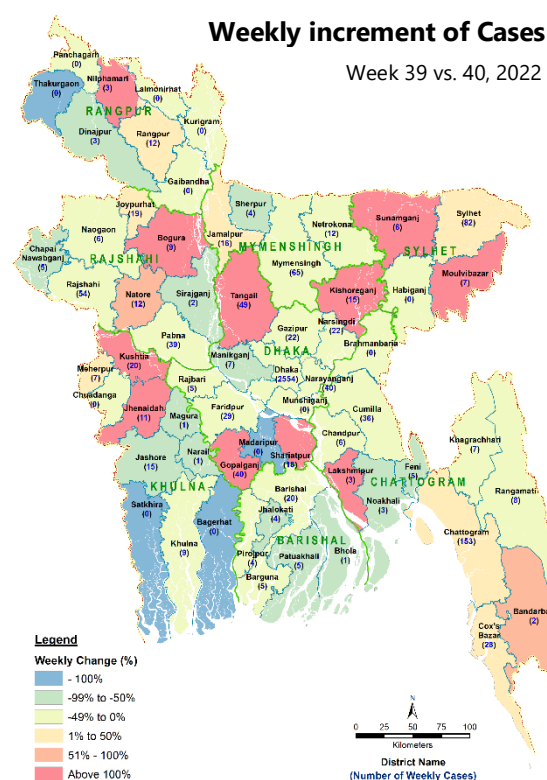
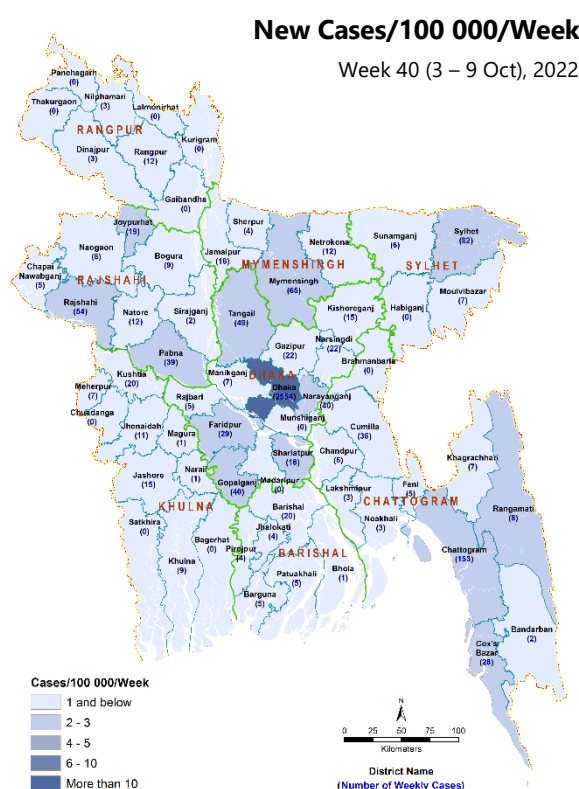
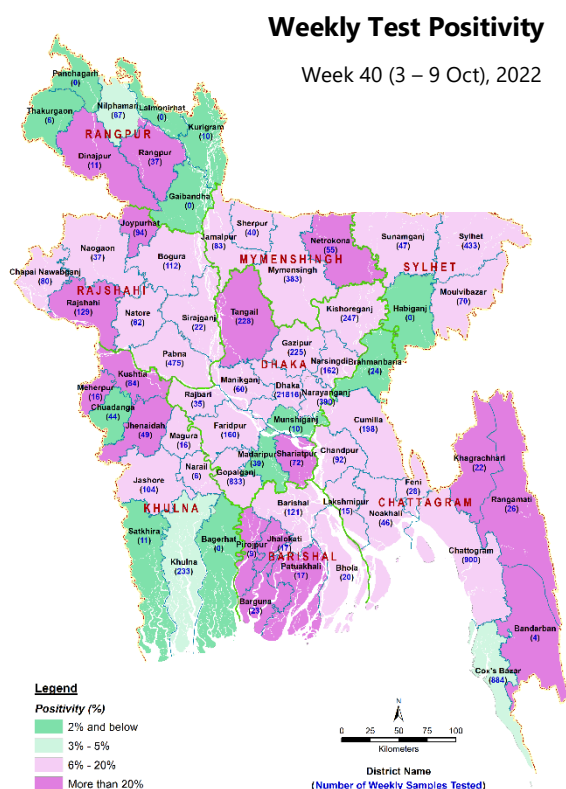
Division	New Cases (last 7 days)	New Cases (last 8-14 days)	Case/100K/ Week	% change in new cases	% of new cases	Cumulative Cases	% of total cases	Rt
Barishal	39	71	0.4	-45%	1.1%	54 158	2.7%	0.74
Chattogram	251	264	0.7	-5%	7.1%	297 443	14.7%	0.94
Dhaka	2 801	3 656	6.5	-23%	79.8%	1 248 317	61.5%	0.82
Khulna	64	76	0.3	-16%	1.8%	130 834	6.4%	0.97
Mymensingh	97	156	0.7	-38%	2.8%	45 076	2.2%	0.76
Rajshahi	146	184	0.7	-21%	4.2%	121 413	6.0%	0.90
Rangpur	18	37	0.1	-51%	0.5%	64 933	3.2%	0.76
Sylhet	95	78	0.8	22%	2.7%	67 549	3.3%	1.13
National	3 511	4 522	2.1	-22%	100.0%	2 029 723	100%	0.84

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	2	0.00	-100%	0.0%	991	3.4%	1.83%
Chattogram	0	1	0.00	-100%	0.0%	5 896	20.1%	1.98%
Dhaka	6	5	0.01	20%	50.0%	12 927	44.0%	1.04%
Khulna	1	0	0.01	100%	8.3%	3 734	12.7%	2.85%
Mymensingh	4	2	0.03	100%	33.3%	902	3.1%	2.00%
Rajshahi	0	1	0.00	-100%	0.0%	2 156	7.3%	1.78%
Rangpur	0	4	0.00	-100%	0.0%	1 427	4.9%	2.20%
Sylhet	1	1	0.01	0%	8.3%	1 348	4.6%	2.00%
National	12	16	0.01	-25%	100.0%	29 381	100%	1.45%

Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 9 October 2022

- As of 9 October 2022, according to the DGHS Press Release, **14 913 515** COVID-19 tests (RT-PCR **88.4%**, GeneXpert **0.9%**, and Rapid Antigen **10.7%**) were conducted in Bangladesh with an overall positivity rate of 13.61% and **9.94%** in the last 24 hours.
- Currently, **882** government or private laboratories/test centres in the country are distributed as RT-PCR **56/161**, GeneXpert **54/57**, and Rapid Antigen **545/664**, respectively. Sixty-six per cent of all tests since the outbreak have been done in government facilities.

The maps below show the distribution of COVID-19 TPR, Cases, Case increment, and Deaths as of week 40, 2022.



Source: COVID-19 Press Release, DGHS, MoHFW as of 9 October 2022

2. Case Management and Infection Prevention & Control

- As of 9 October 2022, **12 860** general beds are dedicated to COVID-19 treatment countrywide, with 1.6% (**201/12 860**) occupied. The Rajshahi division experienced the overall highest, 5.7% (**14/247**) general bed occupancy. Occupied general beds in the country **decreased** from 248 last week to **201** 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 4.8% (**57/1 186**). The Mymensingh division experienced the overall highest, **13.6%** (**3/22**) ICU bed occupancy. Occupied ICU beds **decreased** from 60 last week to **57** 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			
	9-Oct	2-Oct	25-Sep	18-Sep	9-Oct	2-Oct	25-Sep	18-Sep	9-Oct	2-Oct	25-Sep	18-Sep
General beds	12 860	12 890	12 890	12 890	4 440	4 470	4 470	4 470	917	917	917	917
Vacant	12 659	12 642	12 701	12 778	4 328	4 308	4 349	4 416	895	907	899	903
Gen. bed Occupancy	1.6%	1.9%	1.5%	0.9%	2.5%	3.6%	2.7%	1.2%	2.4%	1.1%	2.0%	1.5%
ICU beds	1 186	1 186	1 196	1 196	731	731	731	731	64	64	64	64
Vacant	1 129	1 126	1 142	1 141	693	693	697	710	64	63	64	63
ICU bed Occupancy	4.8%	5.1%	4.5%	4.6%	5.2%	5.2%	4.7%	2.9%	0.0%	1.6%	0.0%	1.6%

Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 9 October 2022

- During the past week, 12 deaths were reported (Male 58.3% and Female 41.7%) from all over the country. 58.3% of them were not vaccinated.
- Among these deaths, eight people (66.7%) reported different comorbidities. Diabetes and High Blood Pressure were reported at 37.5% and 75.0%, respectively. Other significant comorbidities are Chest disease, Kidney disease, and Stroke (25.0% each).

3. Vaccination

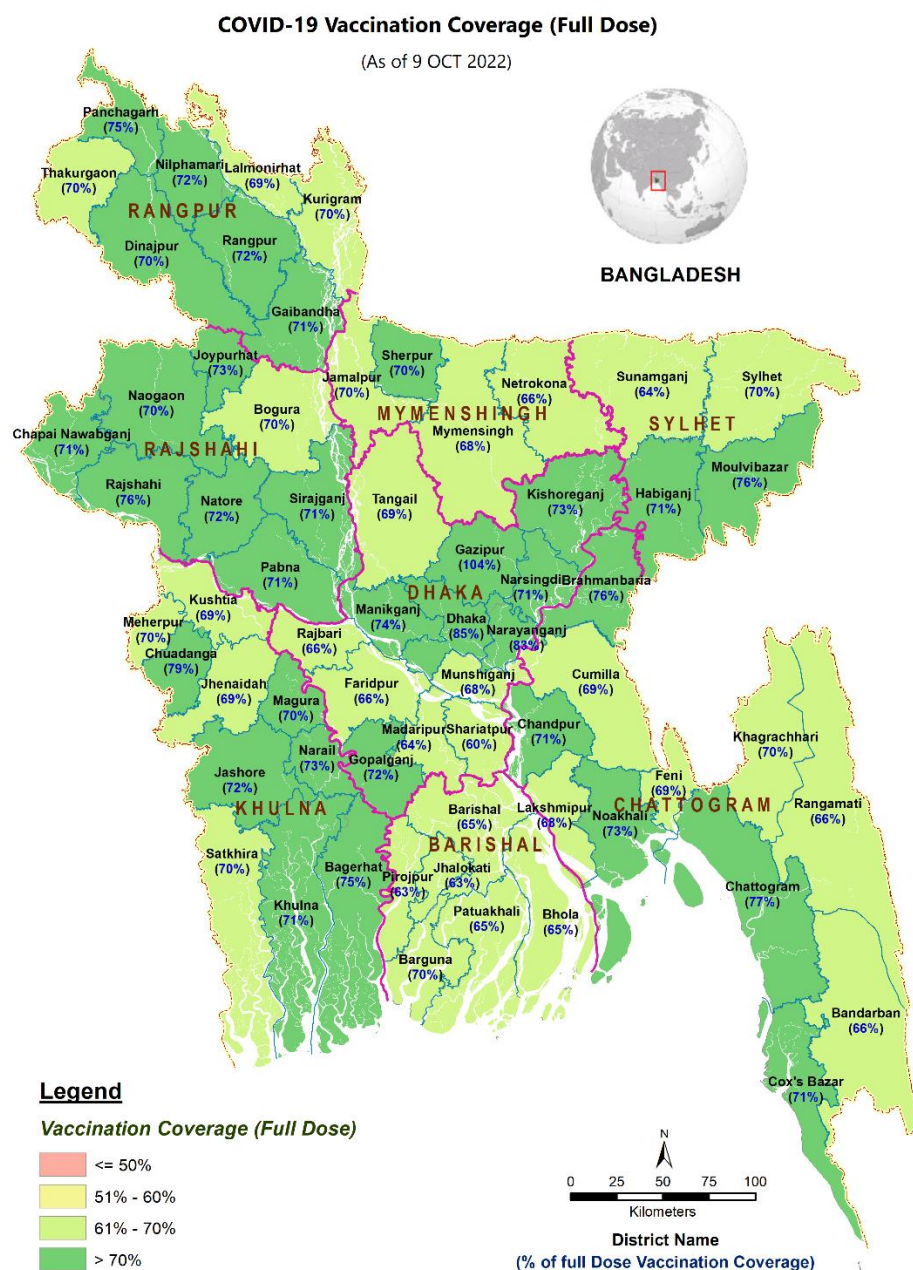
- As of 9 October 2022, **132 086 100** individuals received their first dose, **123 787 086** completed their two-dose schedule, and **56 864 081** received the COVID-19 booster dose.
- More than **77.6%** of the total population received the first dose, and **72.7%** completed the two doses schedule (as per the estimated population of 170 317 077, by Bangladesh Bureau of Statistics, as of 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 39	Week 40
>70%	31	33
61% - 70%	32	31
51% - 60%	1	0
<=50%	0	0

The table below shows the vaccination status in the country by division as of 9 October 2022

Division	First dose		Second dose		Booster dose	
Barishal	7 037 407	71.5%	6 431 433	65.4%	2 865 119	29.1%
Chattogram	25 651 016	76.3%	24 321 928	72.4%	9 915 080	29.5%
Dhaka	37 762 555	87.6%	33 913 128	78.7%	15 780 265	36.6%
Khulna	13 929 621	75.1%	13 265 801	71.5%	7 130 114	38.4%
Mymensingh	9 360 025	72.0%	8 833 253	68.0%	3 679 528	28.3%
Rajshahi	16 073 251	73.5%	15 596 982	71.3%	8 110 917	37.1%
Rangpur	13 710 285	73.5%	13 263 237	71.1%	5 821 055	31.2%
Sylhet	8 561 940	73.1%	8 161 324	69.7%	3 562 003	30.4%
Total	132 086 100	77.6%	123 787 086	72.7%	56 864 081	33.4%

Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 9 October 2022



Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 9 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>