










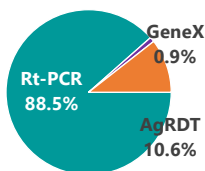
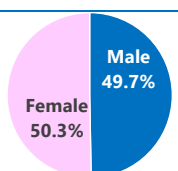


Students attending Secondary School Certificate exam

Photo Credit: Social Media, Bangladesh

Highlights:

- There were a total of 2 727 cases this reporting week compared to 2 126 last week, making the 4th consecutive week with increasing trend. Five deaths were reported this week compared to 6 last week.
- Recent SARS-CoV-2 sequence upload into GISAID show a prevalence of BA.2 – 48%, BA.5 – 28% and BA 2.75 – 24% of the Omicron sub lineage; and these are most likely driving the current trend.
- In response to the current trend, the National Technical Advisory Committee on COVID-19 recommended wearing mask especially during social gatherings and meetings. Closed door meetings are discouraged but to use virtual platforms. People should observe proper hygiene and be fully vaccinated including boosters.

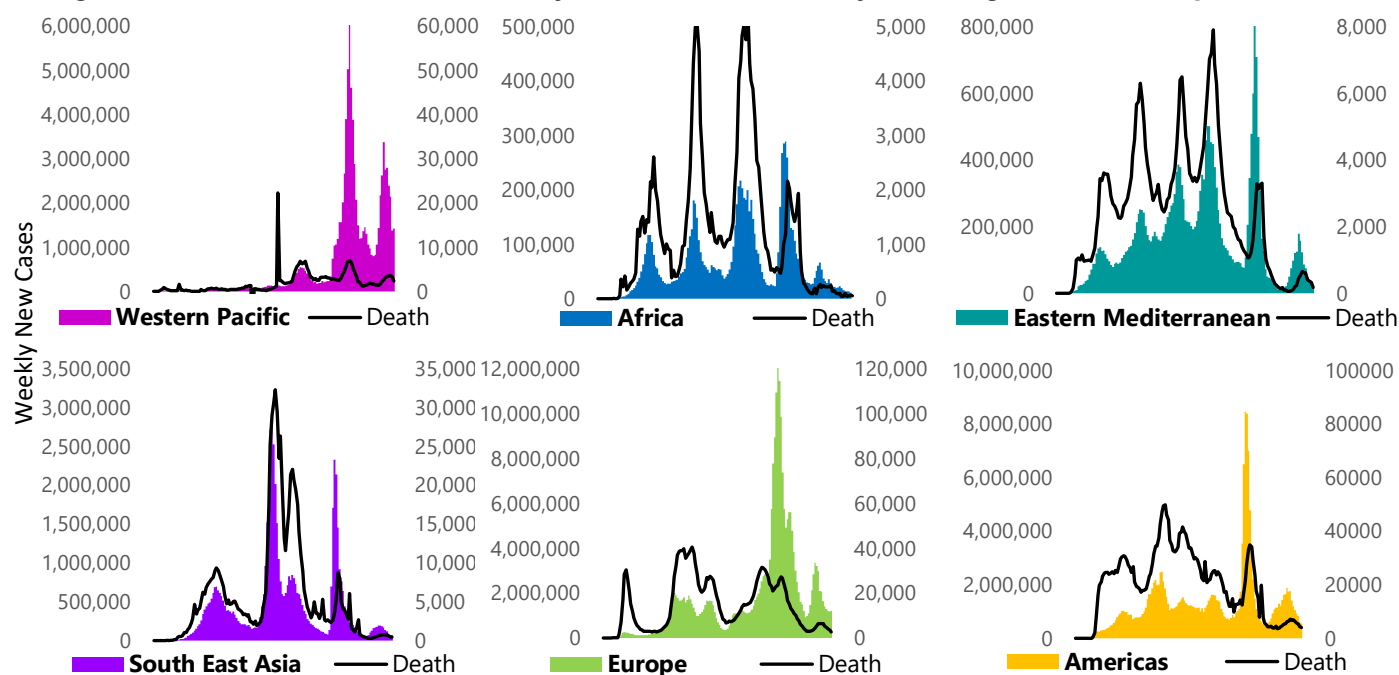
Tested	Confirmed Cases	Recovered	Death	Hotline
				
14 822 181	2 017 614	1 960 615	29 339	35.1 million
Test/100 000/Week	Case/100 000/Week	Recovery Rate	CFR%	AR/100 000
16.0	1.6	97.2%	1.45	1 185
Testing Lab/Centres, Number of weekly Tests in 881 facilities			PoE Screening	
<div>RT PCR Lab : 161</div> <div>GeneXpert Lab : 57</div> <div>Rapid Antigen : 663</div> <div>Last week daily Test average: 3 904</div>			<div> 3 877 851</div> <div> 167 380</div> <div> 7 029</div> <div> 1 170 097</div>	
<div><div>Vaccination</div><div>Vaccinated - 1st dose 131 127 364</div><div>Vaccinated - 2nd dose 121 583 776</div><div>Vaccinated - Booster dose 44 928 916</div><div>Coverage - 1st dose, Full dose 77.0%, 71.4%</div></div>			<div><p>Cumulative Tests</p></div> <div><p>Full dose by Gender</p></div>	
Data Source: All national data have been incorporated from different sources of the Directorate General of Health Services, MoHFW, Bangladesh				

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Global & Regional Situation:

- Globally, as of 18 September 2022, **609 132 128** confirmed cases of COVID-19, including **6 505 633** deaths reported to WHO through national authorities.
- Most of the cases have been reported from the USA, with **94 391 767** cases and **1 042 549** deaths, followed by India with **44 534 188** cases and the third-highest death count of **528 337**. Brazil reported the third-highest case of **34 579 085** and the second-highest death of **685 300**.

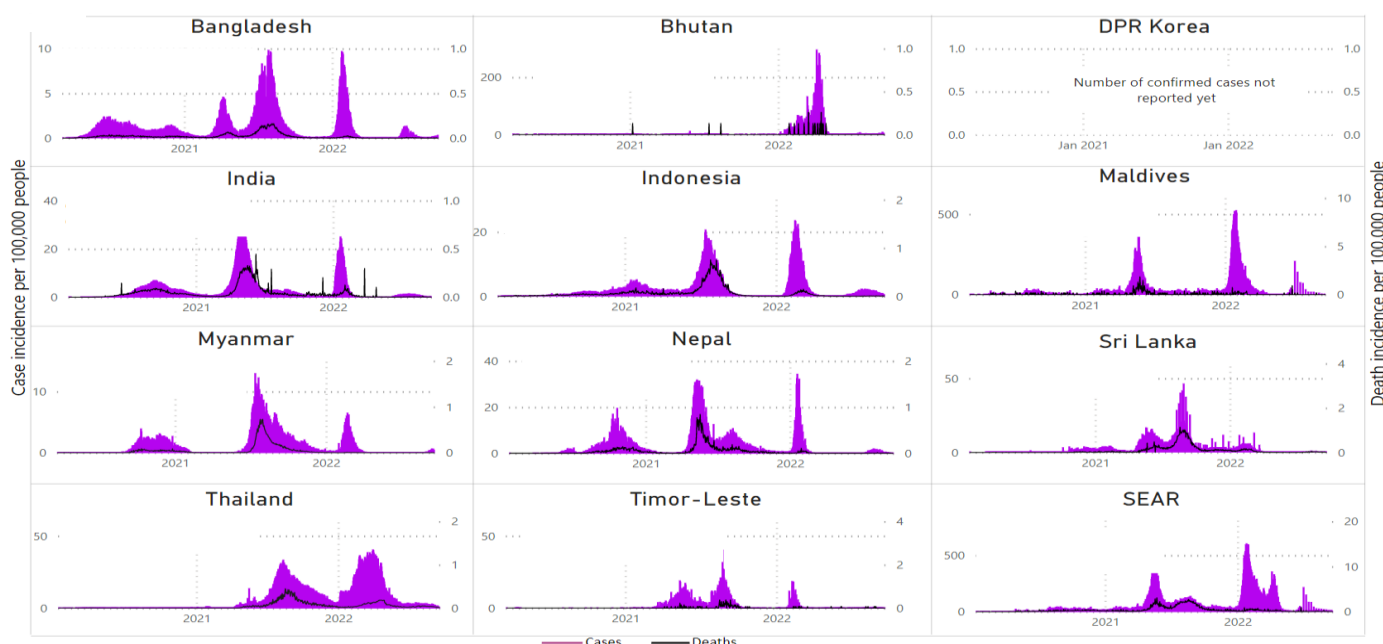
The figures below show the COVID-19 weekly new cases and death by WHO Regions as of 18 September 2022.



Source: World Health Organization as of 18 September 2022

- The number of new weekly cases has decreased by 0.7% compared to the previous week. During this week (12 – 18 September 2022), over 3.2 million cases were reported. The number of deaths also decreased, with over 9.9 thousand fatalities reported.
- In WHO South-East Asia Region, 66 777 new cases and 427 new deaths were reported during the reporting week. India (38 829 new cases), Bangladesh (2 727 new cases), Myanmar (2 046 new cases), and Bhutan (311 new cases) reported an increase in new cases.

The figures below show the COVID-19 cases and deaths per 100 000 population in SEAR Countries.



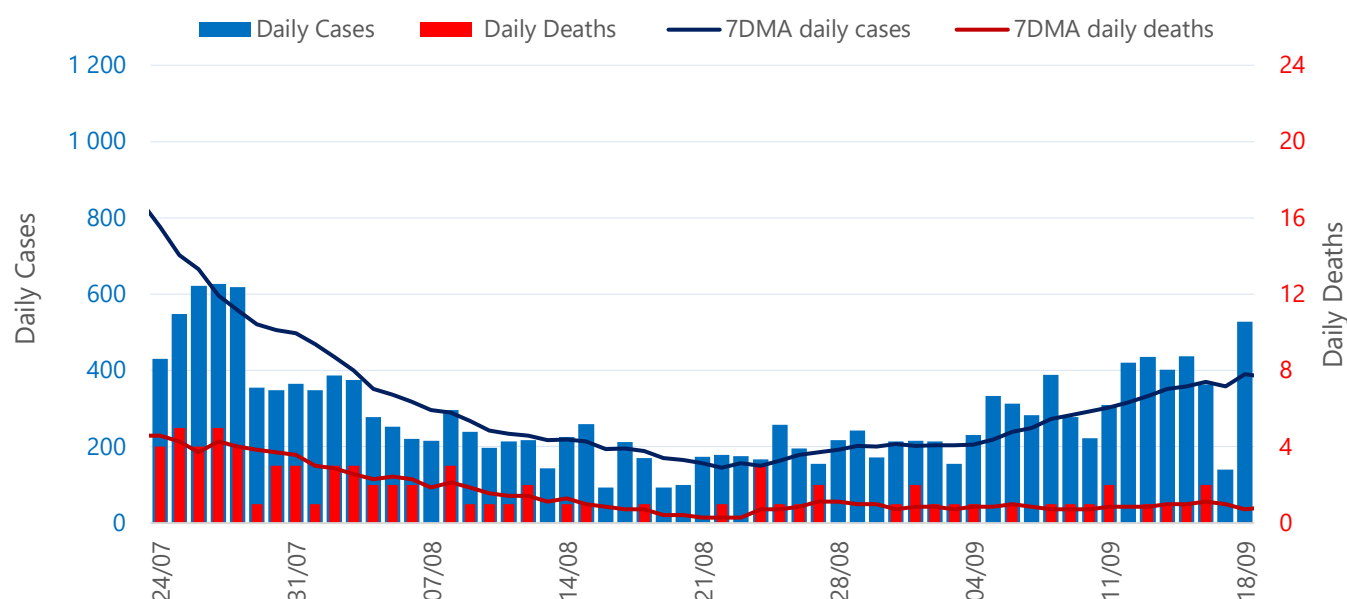
Source: COVID-19 Dashboard, SEARO, WHO as of 18 September 2022

Bangladesh Situation:

1. Surveillance & Laboratory

- Between 8 March 2020 and 18 September 2022, **2 017 614** COVID-19 cases were confirmed by RT-PCR, GeneXpert, and Rapid Antigen tests, including **29 339** related deaths (**CFR 1.45%**).
- In the past week (epidemiological week 37, 2022), Bangladesh reported **2 727** new cases, while 2 126 cases were reported in the week before; the case rate per 100 000 population per week is **1.6**. The country reported **five** new deaths in the reporting week.

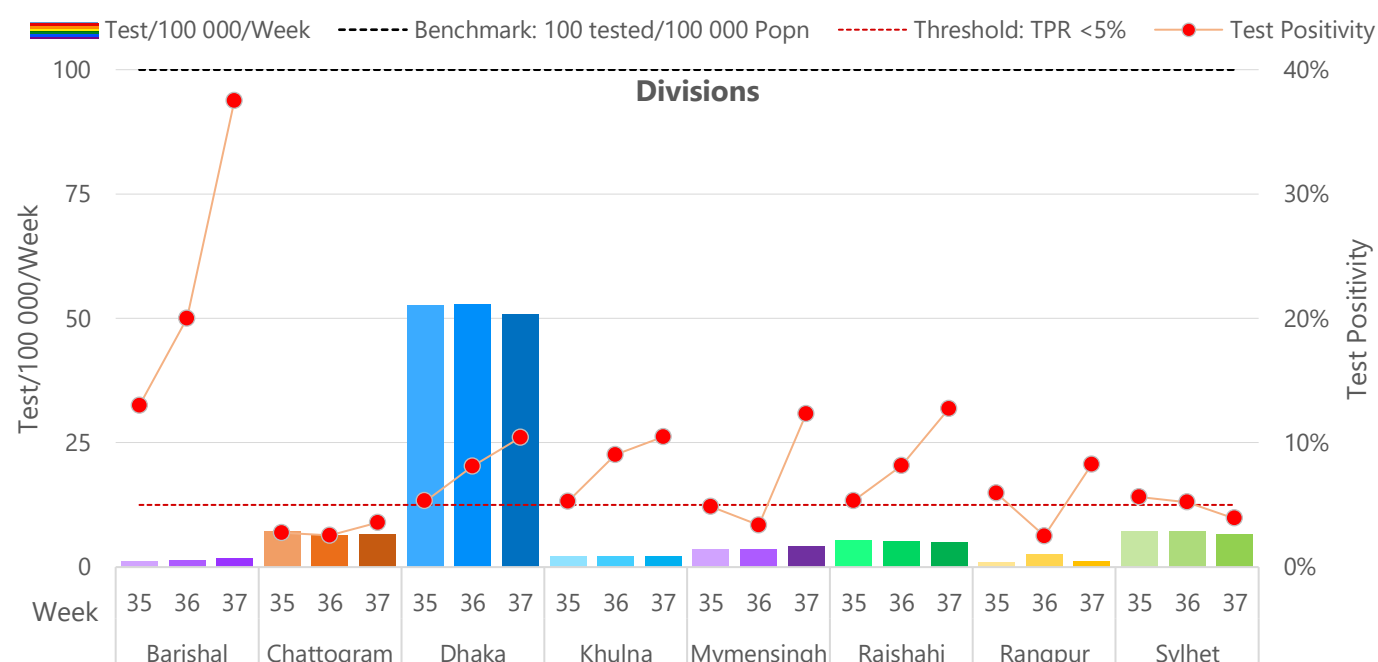
The graph below shows the daily cases and deaths of COVID-19 in Bangladesh, 24 JUL - 18 SEP 2022.



Source: COVID-19 Press Release, DGHS, MoHFW as of 18 September 2022

- The weekly new test is **27 326** (daily average: **3 904**), a **3.6% decrease** compared to the previous week; the test rate per 100 000 per week is **16.0**; the weekly average test positivity rate (TPR) increased to **10.0%**, from 7.5% in the previous week. The overall Case Fatality Ratio (CFR) is at **1.45%** which was 1.46% in the previous week.

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 18 September 2022

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

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	168	135	1.7	24.4%	0.6%	37.5%	88%	2.7
Chattogram	2 202	2 116	6.6	4.1%	8.1%	3.6%	41%	27.9
Dhaka	21 918	22 783	50.9	-3.8%	80.2%	10.4%	29%	9.6
Khulna	410	388	2.2	5.7%	1.5%	10.5%	16%	9.5
Mymensingh	543	472	4.2	15.0%	2.0%	12.3%	264%	8.1
Rajshahi	1 097	1 141	5.0	-3.9%	4.0%	12.8%	57%	7.8
Rangpur	218	478	1.2	-54.4%	0.8%	8.3%	229%	12.1
Sylhet	770	844	6.6	-8.8%	2.8%	3.9%	-25%	25.7
National	27 326	28 357	16.0	-3.6%	100.0%	10.0%	33%	10.0

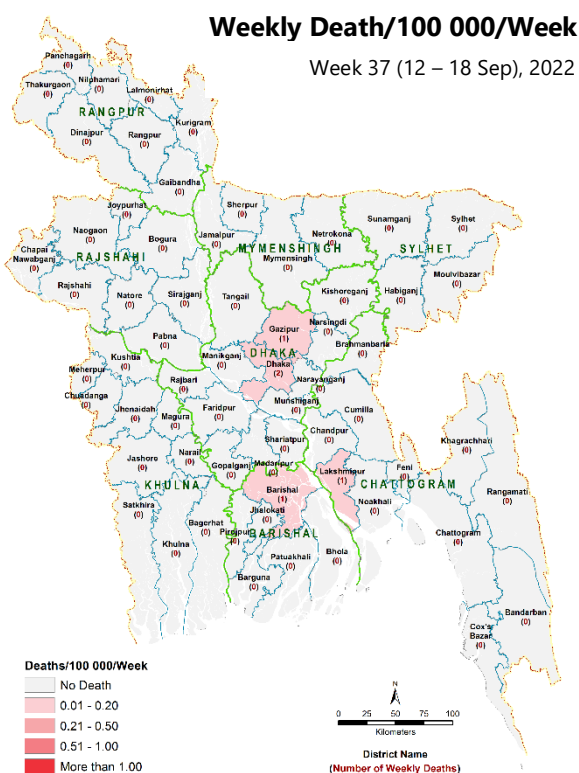
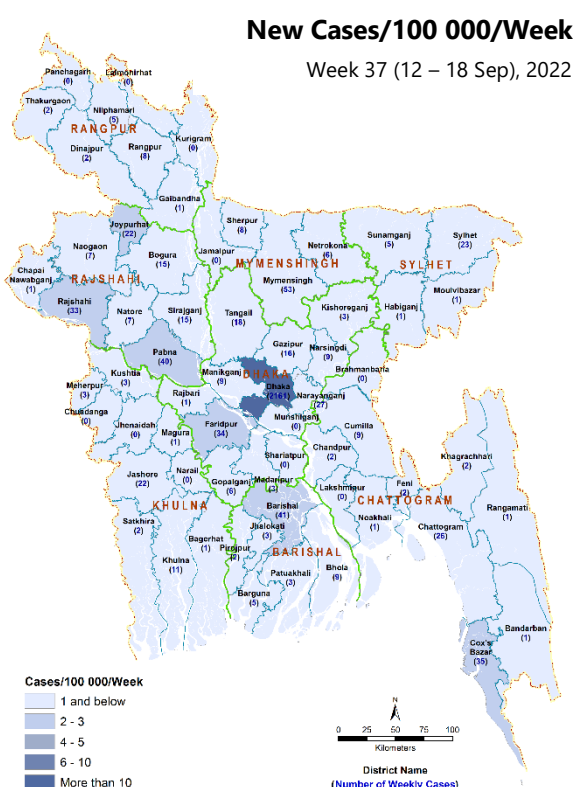
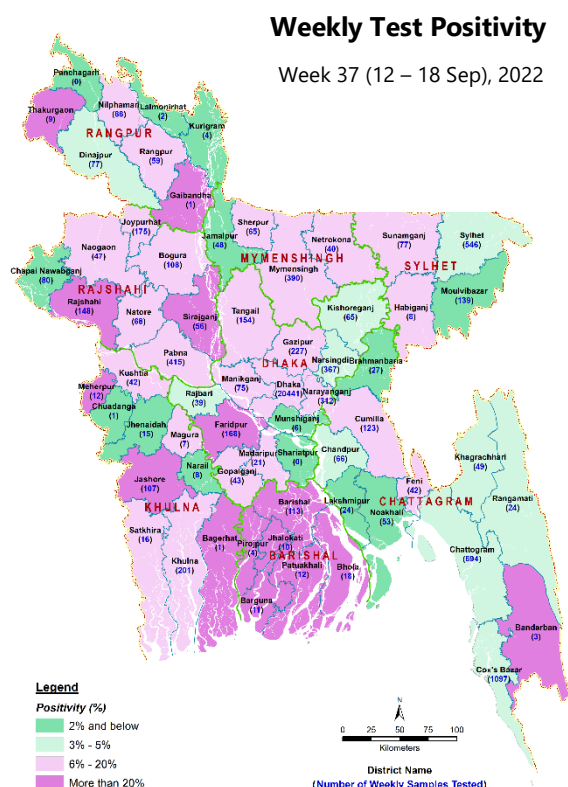
Division	New Cases (last 7 days)	New Cases (last 8-14 days)	Case/100K/ Week	% change in new cases	% of new cases	Cumulative Cases	% of total cases	Rt
Barishal	63	27	0.6	133%	2.3%	53 972	2.7%	1.53
Chattogram	79	54	0.2	46%	2.9%	296 766	14.7%	1.14
Dhaka	2 287	1 845	5.3	24%	83.9%	1 238 441	61.4%	1.14
Khulna	43	35	0.2	23%	1.6%	130 624	6.5%	1.11
Mymensingh	67	16	0.5	319%	2.5%	44 730	2.2%	1.93
Rajshahi	140	93	0.6	51%	5.1%	120 895	6.0%	1.31
Rangpur	18	12	0.1	50%	0.7%	64 854	3.2%	1.21
Sylhet	30	44	0.3	-32%	1.1%	67 332	3.3%	0.81
National	2 727	2 126	1.6	28%	100.0%	2 017 614	100%	1.16

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%	20.0%	988	3.4%	1.83%
Chattogram	1	0	0.00	100%	20.0%	5 894	20.1%	1.99%
Dhaka	3	5	0.01	-40%	60.0%	12 909	44.0%	1.04%
Khulna	0	1	0.00	-100%	0.0%	3 733	12.7%	2.86%
Mymensingh	0	0	0.00	0%	0.0%	895	3.1%	2.00%
Rajshahi	0	0	0.00	0%	0.0%	2 154	7.3%	1.78%
Rangpur	0	0	0.00	0%	0.0%	1 423	4.9%	2.19%
Sylhet	0	0	0.00	0%	0.0%	1 343	4.6%	1.99%
National	5	6	0.00	-17%	100.0%	29 339	100%	1.45%

Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 18 September 2022

- As of 18 September 2022, according to the DGHS Press Release, **14 822 181** COVID-19 tests (RT-PCR **88.5%**, GeneXpert **0.9%**, and Rapid Antigen **10.6%**) were conducted in Bangladesh with an overall positivity rate of 13.61% and **12.72%** in the last 24 hours.
- Currently, **881** government or private laboratories/test centres in the country are distributed as RT-PCR **56/161**, GeneXpert **54/57**, and Rapid Antigen **545/663**, 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 37, 2022.



Source: COVID-19 Press Release, DGHS, MoHFW as of 18 September 2022

2. Case Management and Infection Prevention & Control

- New guidance from the World Health Organization (WHO) strongly advises against using the antibody therapies "sotrovimab" and "casirivimab-imdevimab" to treat patients with COVID-19. This guidance, published in the British Medical Journal, replaces previous conditional recommendations for the use of these drugs. It's based on emerging evidence that they're not likely to work against current COVID variants such as omicron. This means that, at least for the time being, there are no recommended antibody therapies to treat COVID. There are, however, still other treatment options.
- As of 18 September 2022, **12 890** general beds are dedicated to COVID-19 treatment countrywide, with 0.9% (**112/12 890**) occupied. The Rajshahi division experienced the overall highest, 6.9% (**17/247**) general bed occupancy. Occupied general beds in the country **increased** from 98 last week to **112** this week.
- There are **1 196** dedicated ICU beds in the country. The majority of which are in Dhaka city (60.8%) and Chattogram (5.4%), with an overall countrywide occupancy of 4.6% (**55/1 196**). The Chattogram division experienced the overall highest, **14.6%** (**19/130**) ICU bed occupancy. Occupied ICU beds **increased** from 44 last week to **55** 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			
	18-Sep	11-Sep	4-Sep	28-Aug	18-Sep	11-Sep	4-Sep	28-Aug	18-Sep	11-Sep	4-Sep	28-Aug
General beds	12 890	12 980	12 982	12 980	4 470	4 470	4 472	4 470	917	917	917	917
Vacant	12 778	12 882	12 859	12 842	4 416	4 409	4 403	4 395	903	910	903	899
Gen. bed Occupancy	0.9%	0.8%	0.9%	1.1%	1.2%	1.4%	1.5%	1.7%	1.5%	0.8%	1.5%	2.0%
ICU beds	1 196	1 200	1 200	1 200	731	735	735	735	64	64	64	64
Vacant	1 141	1 156	1 151	1 159	710	721	715	715	63	63	63	64
ICU bed Occupancy	4.6%	3.7%	4.1%	3.4%	2.9%	1.9%	2.7%	2.7%	1.6%	1.6%	1.6%	0.0%

Source: HEOC & Control Room, MIS, DGHS, MoHFW as of 18 September 2022

- During the past week, five deaths were reported (Male 80.0% and Female 20.0%) from all over the country. 60.0% of them were not vaccinated.
- Among these deaths, four people (80.0%) reported different comorbidities. Diabetes and High Blood Pressure were reported at 50.0% and 75.0%, respectively. Other significant comorbidities are heart disease and chest disease (50.0% each).

3. Vaccination

- As of 18 September 2022, **131 127 364** individuals received their first dose, **121 583 776** completed their two-dose schedule, and **44 928 916** received the COVID-19 booster dose.
- More than **77.0%** of the total population received the first dose, and **71.4%** completed 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 50.0% and **50.0%** 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 36	Week 37
>70%	23	23
61% - 70%	39	39
51% - 60%	2	2
<=50%	0	0

The table below shows the vaccination status in the country by division as of 18 September 2022

Division	First dose		Second dose		Booster dose	
Barishal	6 994 437	71.1%	6 177 670	62.8%	2 203 550	22.4%
Chattogram	25 426 078	75.7%	23 845 377	71.0%	7 530 074	22.4%
Dhaka	37 457 002	86.9%	33 502 688	77.7%	13 735 070	31.9%
Khulna	13 858 216	74.7%	13 020 197	70.2%	5 861 295	31.6%
Mymensingh	9 315 485	71.7%	8 674 974	66.8%	2 936 026	22.6%

Division	First dose		Second dose		Booster dose	
Rajshahi	15 943 215	72.9%	15 362 571	70.3%	5 505 899	25.2%
Rangpur	13 649 187	73.1%	13 048 134	69.9%	4 509 133	24.2%
Sylhet	8 483 744	72.5%	7 952 165	67.9%	2 647 869	22.6%
Total	131 127 364	77.0%	121 583 776	71.4%	44 928 916	26.4%



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-zebn3tg-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>