






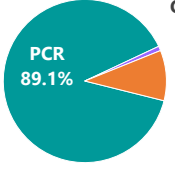




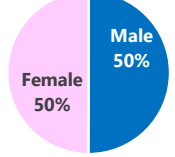


Queue on the mass vaccination day

Photo Credit: Social Media, Bangladesh

Highlights:

- The number of newly reported cases and death continues to decline nationwide, with 60% fewer cases and 53% less death reported this week compared to the previous week.
- The government continues to emphasize observing COVID-19 protocols including mask wearing and hygiene as it lifts the 11-point restrictions it imposed on January 13, 2022.
- More than 12 million people were vaccinated nationwide during the February 26, mega campaign. The campaign was extended for 2 days to achieve maximum impact. As of 27 February, 72% of total population have received one dose of the COVID-19 vaccine and 49% are fully vaccinated.

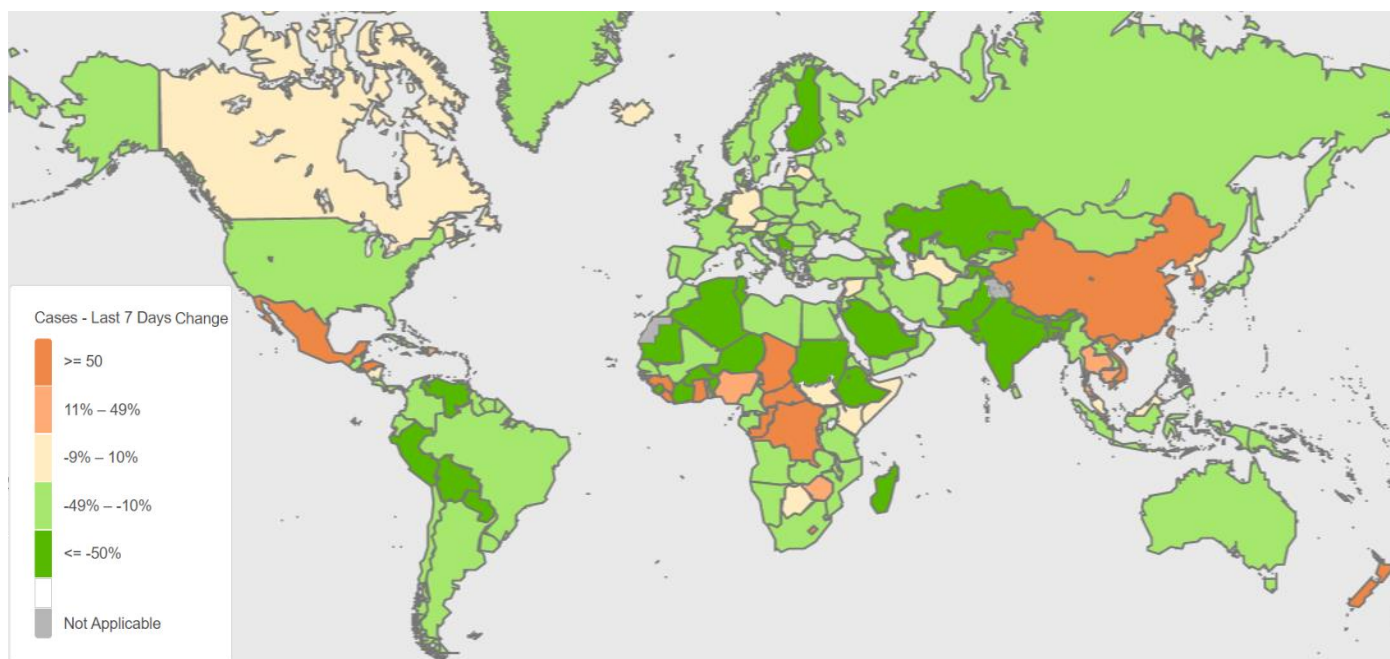
Tested	Confirmed Cases	Recovered	Death	Hotline
 13 376 734	 1 942 680	 1 806 689	 29 033	 33.3 million
Test/100 000/Week	Case/100 000/Week	Recovery Rate	CFR%	AR/100 000
98.6	5.5	93.0%	1.49	1 141
Testing Lab/Centres Number Tests in 876 facilities			PoE Screening	
RT PCR Lab : 158	11 922 114			3 231 376
GeneXpert Lab : 57	119 615			132 145
Rapid Antigen : 661	1 335 005			7 029
Last week daily Test average:	23 981			711 331
Vaccination	Vaccinated - 1 st dose : 122 689 831	 <p>1st dose by Gender</p>		
	Vaccinated - 2 nd dose : 83 529 389			
	Vaccinated - Booster dose : 3 718 585			
	People received 1 st dose : 72.0%			

Data Source: All national data have been incorporated from different sources of the Directorate General of Health Services, MoHFW, Bangladesh

1. Global Situation

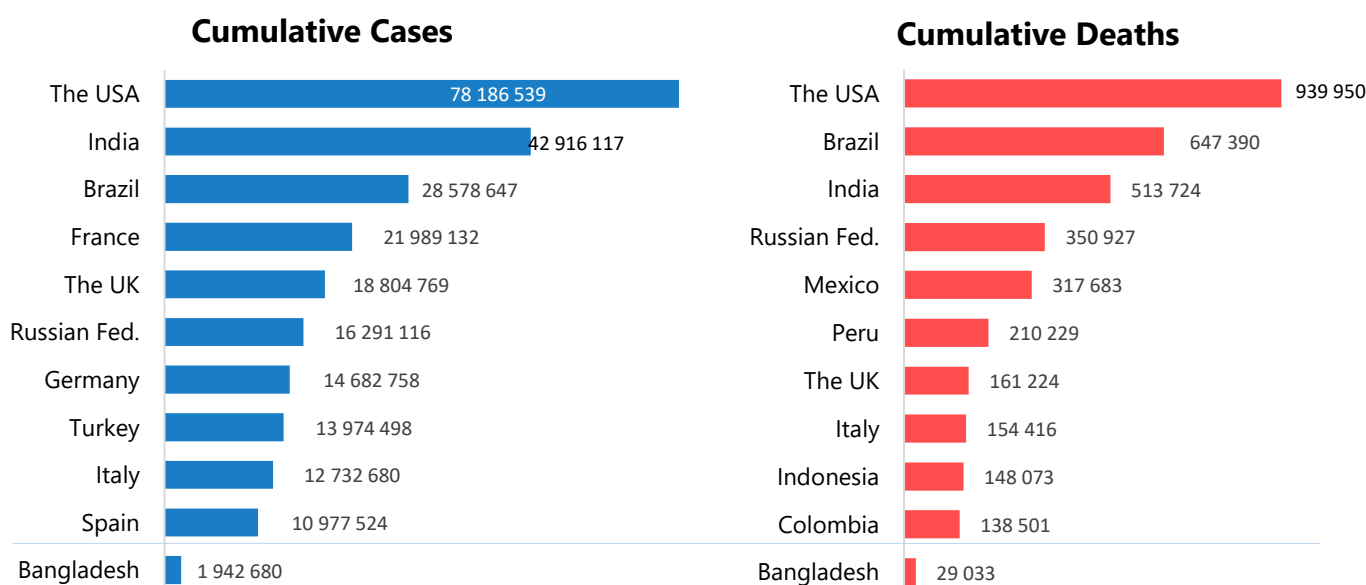
- Globally, as of 27 February 2022, there have been **433 139 235** (1 262 566) confirmed cases of COVID-19, including **5 939 137** (6 986) deaths reported to WHO through national authorities.
- Most of the cases have been reported from the USA, with **78 186 539** cases and **939 950** deaths, followed by India with **42 916 117** cases and the third-highest death count of **513 724**. Brazil reported the third-highest case of **28 578 647** and the second-highest death of **647 390**.

The figure below shows the rate (%) of weekly change of COVID-19 cases, as of 27 February 2022



- Globally, weekly COVID-19 case incidence decreased by 16.1% this week (21 – 27 February 2022), with over 10.8 million confirmed new cases reported including over **60 thousand** new deaths.

The figure below shows top-ranked countries and Bangladesh for Cumulative Cases and Deaths of COVID-19, 1 January 2020 – 27 February 2022



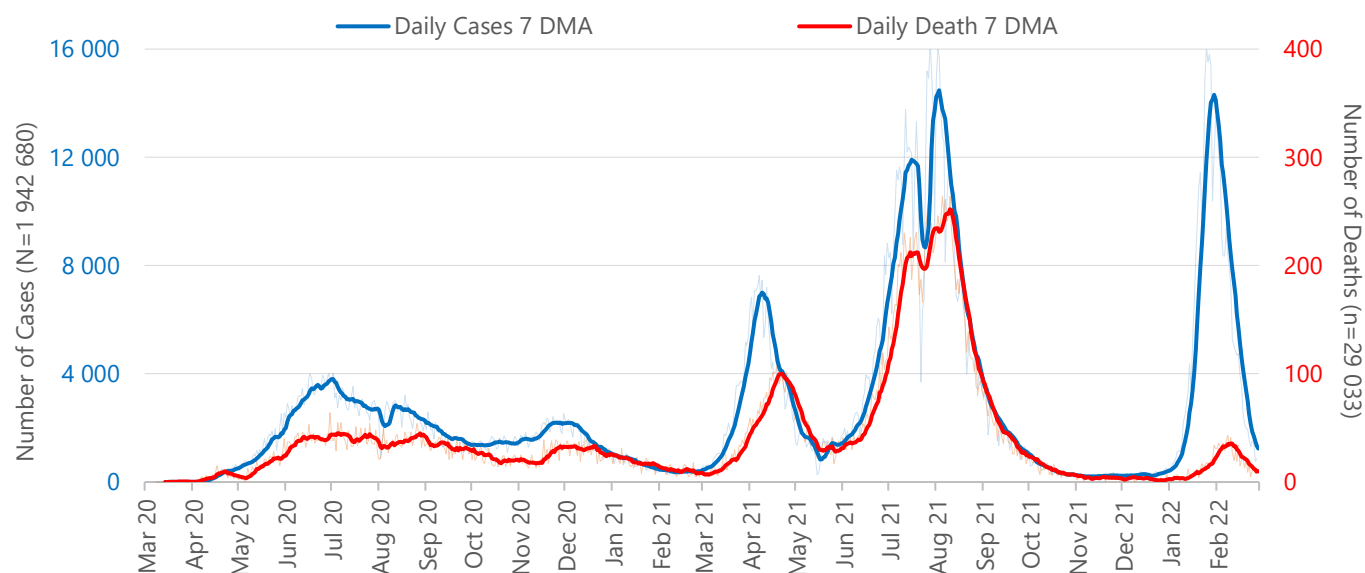
Bangladesh Situation:

- Following a steady decline in COVID-19 infection rate, the Government of Bangladesh has lifted all restrictions for COVID-19 except wearing a mask in public places as a safety precaution.
- Secondary schools and colleges across the country are set to resume in-person classes partially from 22 February after a month-long closure since January 21 following a sharp rise in COVID-19 transmission. However, only students with two doses of COVID-19 vaccines will be allowed in classrooms while the students who did not receive two doses of COVID-19 jabs will have to attend classes online or through television.

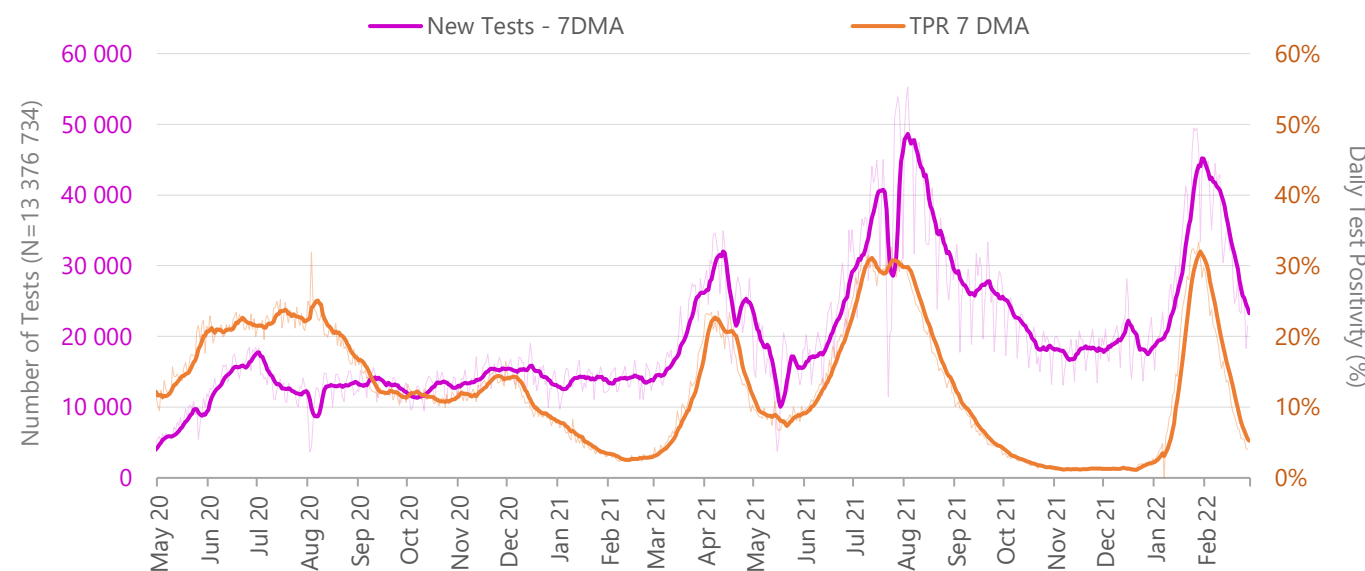
2. Surveillance & Laboratory

- Between 8 March 2020 and 27 February 2022, **1 942 680** COVID-19 cases were confirmed by RT-PCR, GeneXpert, and Rapid Antigen tests, including **29 033** related deaths (**CFR 1.49%**).
- Bangladesh contributes **0.45%** of the COVID-19 cases of the world and ranks top 41st among countries with the most reported cases.

The figure below shows the weekly Cases and Deaths of COVID-19, 8 March 2020 – 27 February 2022



The figure below shows the weekly Test and TPR of COVID-19, 1 May 2020 – 27 February 2022



- In the past week (epidemiological week 8, 2022), Bangladesh reported **9 389** new cases, a **60.3% decrease** compared to the previous week; the case rate per 100 000 population per week is **5.5**.
- The country reported **68** new deaths, a **53.4% decrease**; the death rate per 100 000 per week is **0.04** in the reporting week.
- The weekly new test is **167 867** (daily average: **23 981**), an **21.5% decrease** compared to the previous week; the test rate per 100 000 per week is **99**; the weekly average test positivity rate (TPR) is **5.59%**, TPR decreased by **49.4%** from the previous week. Overall Case Fatality Ratio (CFR) is **1.49%** which was 1.50% in last week.

The table below shows the situation of COVID-19 tests as of 27 February 2022

Division	Test Sparkline (1 MAR '21 - 27 FEB '22)	New Tests (last 7 Days)	Test/100K/ Week	% change in new tests	% of new tests	Test Positivity	% change in test positivity	Test/Case
Barishal		1 885	19.2	-37%	1.1%	13%	-26%	7.6
Chattogram		25 485	75.8	-24%	15.2%	4%	-50%	24.6
Dhaka		115 682	268.5	-19%	68.9%	6%	-50%	17.2
Khulna		6 678	36.0	-25%	4.0%	5%	-51%	19.1
Mymensingh		2 144	16.5	-34%	1.3%	9%	-27%	11.0
Rajshahi		6 760	30.9	-31%	4.0%	7%	-40%	15.2
Rangpur		2 279	12.2	-44%	1.4%	9%	-49%	10.7
Sylhet		6 954	59.4	-15%	4.1%	2%	-61%	42.4
National		167 867	98.6	-21%	100%	6%	-49%	17.9

- Since the beginning of the pandemic, as of 27 February 2022, **60.7%** of reported cases were from Dhaka division (49.7% at Dhaka city), Chattogram – **14.9%**, Khulna – **6.6%**, Rajshahi – **6.1%**, Sylhet – **3.4%**, Rangpur – **3.3%**, Barishal – **2.7%** and the lowest **2.3%** from Mymensingh division. While **43.9%** of the reported deaths were from Dhaka division (23.5% at Dhaka city), Chattogram – **20.2%**, Khulna – **12.8%**, Rajshahi – **7.3%**, Rangpur – **4.9%**, Sylhet – **4.5%**, Barishal – **3.4%**, and the lowest **3.0%** from Mymensingh division.

The table below shows the situation overview of COVID-19 cases as of 27 February 2022

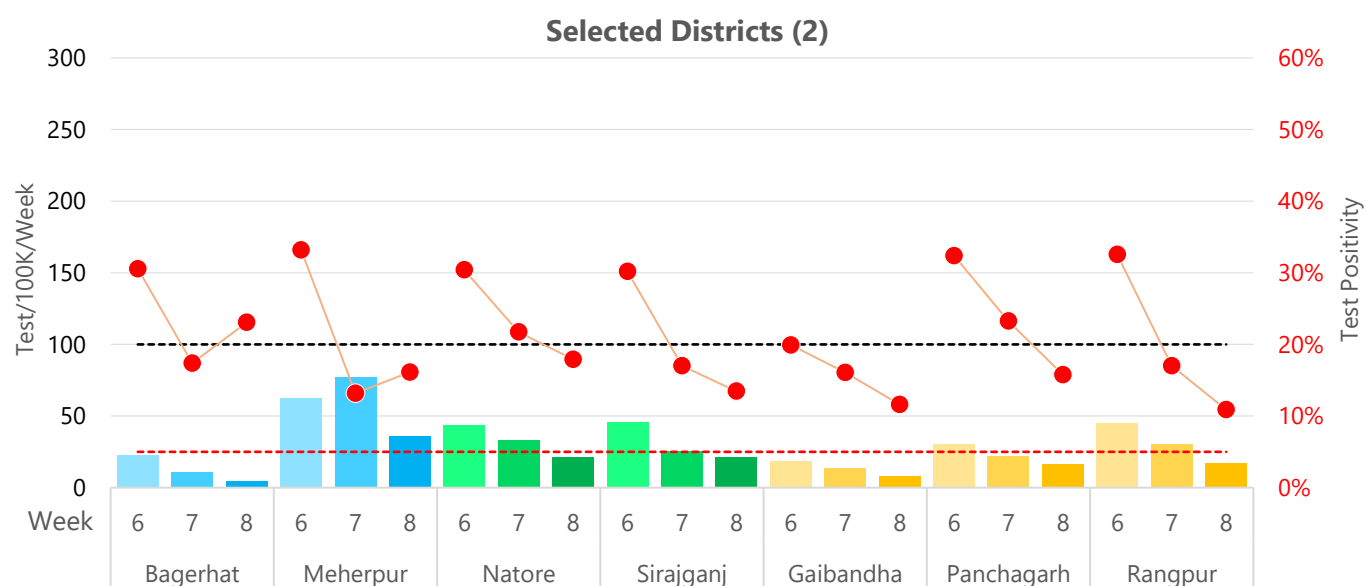
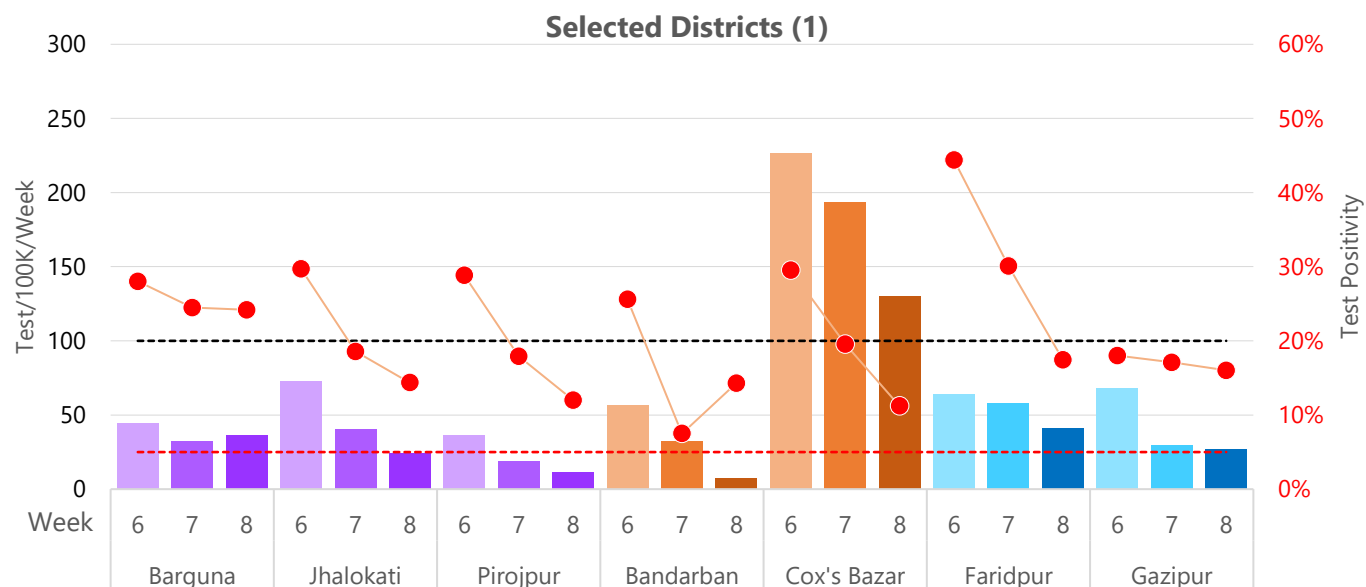
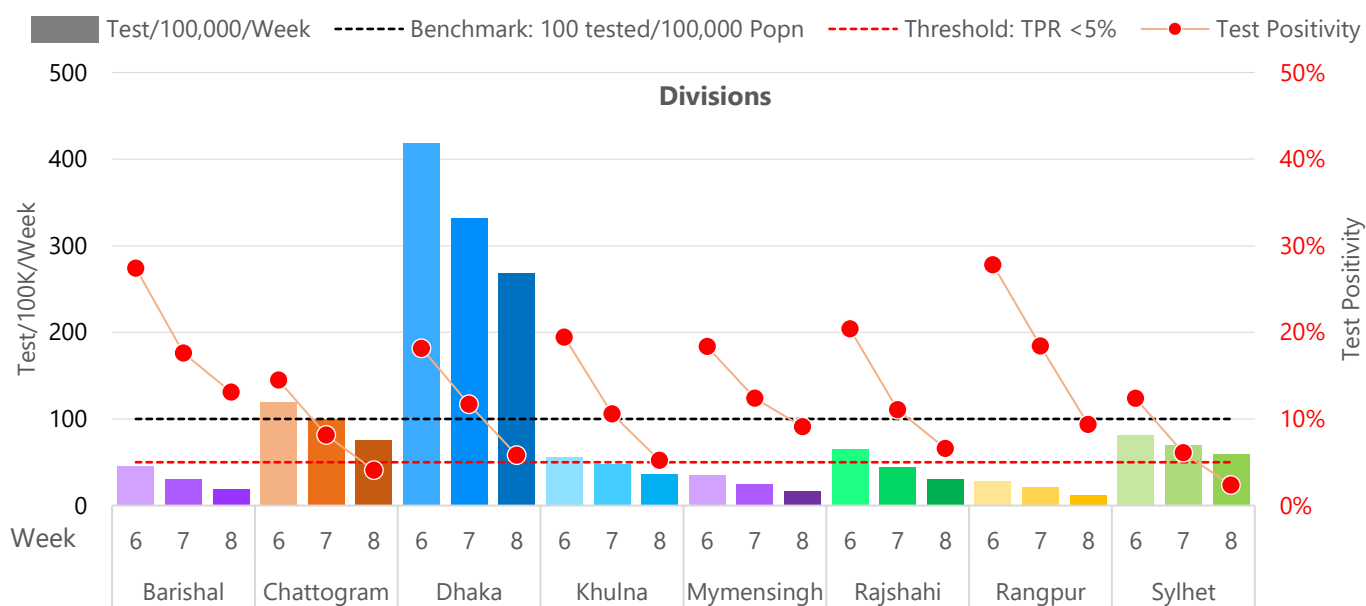
Division	Case Sparkline (1 MAR '21 - 27 FEB '22)	New Cases (last 7 days)	Case/100K/ Week	% change in new cases	% of new cases	Cumulative Cases	% of total cases	Rt
Barishal		247	2.5	-53%	2.6%	52 497	2.7%	0.62
Chattogram		1 038	3.1	-62%	11.1%	289 558	14.9%	0.50
Dhaka		6 738	15.6	-60%	71.8%	1 180 029	60.7%	0.54
Khulna		349	1.9	-63%	3.7%	128 476	6.6%	0.50
Mymensingh		195	1.5	-51%	2.1%	43 444	2.2%	0.59
Rajshahi		445	2.0	-59%	4.7%	118 560	6.1%	0.55
Rangpur		213	1.1	-72%	2.3%	63 960	3.3%	0.40
Sylhet		164	1.4	-67%	1.7%	66 156	3.4%	0.46
National		9 389	5.5	-60%	100%	1 942 680	100%	0.53

The table below shows the situation overview of COVID-19 death as of 27 February 2022

Division	Death Sparkline (1 MAR '21 - 27 FEB '22)	New Deaths (last 7 Days)	Death/100K/ Week	% change in new deaths	% of new deaths	Cumulative Deaths	% of total deaths	Cumulative CFR
Barishal		2	0.02	-75%	2.9%	976	3.4%	1.86%
Chattogram		19	0.06	-14%	27.9%	5 851	20.2%	2.02%
Dhaka		27	0.06	-64%	39.7%	12 744	43.9%	1.08%
Khulna		5	0.03	-55%	7.4%	3 711	12.8%	2.89%
Mymensingh		0	0.00	-100%	0.0%	877	3.0%	2.02%
Rajshahi		6	0.03	-45%	8.8%	2 137	7.4%	1.80%
Rangpur		5	0.03	-44%	7.4%	1 413	4.9%	2.21%
Sylhet		4	0.03	-56%	5.9%	1 322	4.6%	2.00%
National		68	0.04	-53%	100%	29 031	100%	1.49%

- COVID-19 daily average cases **decreased** by **60.3%** (**1 341** this week and 3 375 in the previous week). The highest number of weekly cases (**100 196**) was reported in the epi-week 4 (24 - 30 January), 2022, and the highest daily cases, 16 230, were recorded on 28 July 2021. The highest weekly death (**1 736**) was recorded in week 31 (2 - 8 August), 2021, with the highest daily death of 264 on 5 August and 10 August 2021.
- In the epi-week 8, all divisions experienced a decrease in weekly reported new cases. The highest **decrease** was observed in the Rangpur division, **71.5%** (**213** this week and 748 in the previous week), followed by the Sylhet division **66.9%** (**164** this week and 495 in the previous week), Khulna division **63.1%** (**349** this week and 946 in the previous week), Chattogram Division **62.2%** (**1 038** this week and 2 743 in the previous week), Dhaka Division **59.6%** (**6 738** this week and 16 689 in the previous week), Rajshahi division, **58.6%** (**445** this week and 1 075 in the previous week), Barishal division **53.5%** (**247** this week and 531 in the previous week), and Mymensingh Division **51.3%** (**195** this week and 400 in the previous week).
- The Dhaka division reported the highest number of new cases (6 738), **15.6** new cases per 100 000/week with a decrease of **59.6%** in weekly cases; and the Sylhet division reported the lowest number (164) of new cases, **1.4** new cases per 100 000/week.
- Out of the cumulative 1 942 680 COVID-19 cases registered as of 27 February 2022, **93.0%** (1 806 689) recovered, **5.5%** (106 958) were active cases, and the remaining died (previously mentioned as CFR). In epidemiological week 8, the average number of COVID-19 weekly active cases **decreased** by **27.2%** compared to the previous week (**124 497** this week and 171 080 in the previous week); during the same time, weekly recovery **decreased** by **31.4%** (**52 105** in the current week and 75 929 in the previous one).
- As of 27 February 2022, **13 376 734** COVID-19 tests (RT-PCR **89.1%**, GeneXpert **0.9%**, and Rapid Antigen **10.0%**) were conducted in the country with an overall positivity rate of 14.52% (**4.01%** in the last 24 hours) by **876** laboratories/test centres. So far, **66.9%** of the samples (8 949 608) have been tested for COVID-19 in government facilities (RT-PCR **56/158**, GeneXpert **54/57**, and Rapid Antigen **545/661**).
- During the last week, 2 test facilities have been added to the network of COVID-19 testing facilities.

The graphs below show the Test Positivity Ratio (TPR) and Test per 100 000/week in the last 3 weeks



The maps below show the distribution of COVID-19 TPR, Cases, Case increment, and Deaths as of week 8, 2022

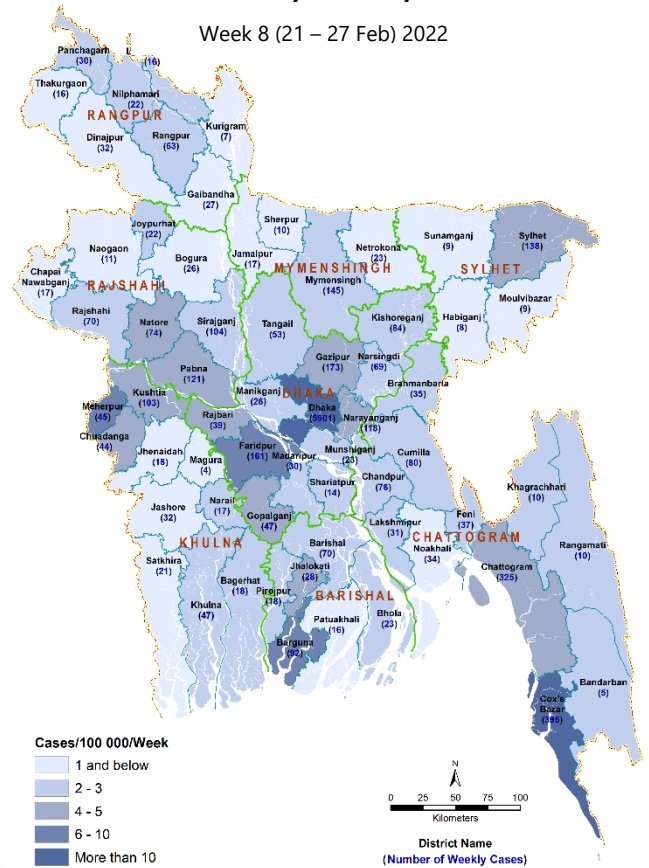
Weekly Test Positivity

Week 8 (21 – 27 Feb) 2022



New Cases/100 000/Week

Week 8 (21 – 27 Feb) 2022



Weekly increment of Cases

Week 7 vs 8, 2022



Weekly Death/100 000/Week

Week 8 (21 – 27 Feb) 2022



3. Points of Entry (PoE) & Quarantine

- During week 8 (21 – 27 February 2022), the number of international flights that arrived in the country increased by **1%** than the previous week (**345** and 350 flights, respectively), and the number of incoming passengers has also decreased by **14%** (**45 089** and 39 385 people, respectively).
- In this reporting week, **286** travellers were sent to Institutional Quarantine, and no traveller was sent for home quarantine after passenger screening at the Points of Entry.

The table below shows the quarantine status of incoming travellers as captured through the PoE Surveillance, 21 – 27 February 2022, Bangladesh

Points of Entry	No Quarantine	Home Quarantine	Institutional Quarantine	Facility Isolation	Total Traveler
Akhaura LC, Brahmanbaria	-	-	-	-	-
Benapole LC, Jashore	3 446	0	0	0	3 446
HSIA, Dhaka	44 803	0	286	0	45 089
OIA, Sylhet	-	-	-	-	-
SAIA, Chattogram	-	-	-	-	-
Total	48 249	0	286	0	48 535

* HSIA: Hazrat Shahjalal International Airport, OIA: Osmani International Airport, SAIA: Shah Amanat International Airport, LC: Land Crossing

- As of 27 February 2022, the country's institutional quarantine capacity is represented by **629** centres across the 64 districts, receiving **31 991** people. Since 21 January 2020, **116 976** individuals have been placed in quarantine facilities, and 110 873 (**95%**) of them have already been released. Over the same period, **441 729** individuals have been isolated in designated health facilities, and 397 644 (**90%**) were released.
- No positive case was identified at the country's IHR designated PoEs during the reporting week. Out of 286 individuals sent to Institutional Quarantine during this time, 91% were from South Africa, 4% from Lesotho, 3% from the USA, and the remaining 2% were from other countries.

4. Case Management and Infection Prevention & Control

- As of 27 February 2022, there are **13 803** general beds dedicated to COVID-19 treatment countrywide, **7.6%** (1 047) of which are occupied.
- There are **1 246** dedicated ICU beds in the country, **12.7%** (158) of which are occupied; **60.8%** of the dedicated ICU beds are in Dhaka City and **5.1%** in Chattogram city.

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

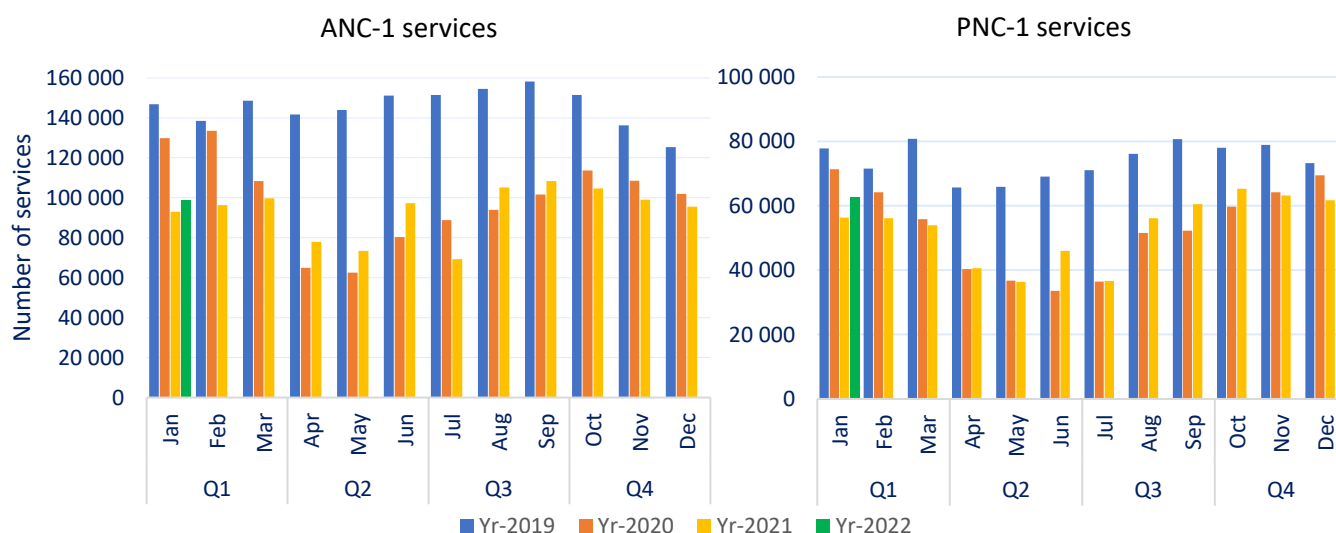
	National				Dhaka City				Chattogram City			
	27-Feb	20-Feb	13-Feb	6-Feb	27-Feb	20-Feb	13-Feb	6-Feb	27-Feb	20-Feb	13-Feb	6-Feb
General beds	13 803	13 846	13 911	13 929	5 127	5 170	5 235	5 253	917	917	917	917
Vacant	12 756	12 403	11 937	11 466	4 587	4 464	4 244	4 048	850	828	805	762
Gen. bed Occupancy	7.6%	10.4%	14.2%	17.7%	10.5%	13.7%	18.9%	22.9%	7.3%	9.7%	12.2%	16.9%
ICU beds	1 246	1 262	1 259	1 274	757	773	770	785	64	64	64	64
Vacant	1 088	1 058	975	922	673	673	612	585	50	42	32	30
ICU bed Occupancy	12.7%	16.2%	22.6%	27.6%	11.1%	12.9%	20.5%	25.5%	21.9%	34.4%	50.0%	53.1%

- General bed occupancy decreased in all divisions during the reporting period compared to the previous week. The Rajshahi Division experienced the overall highest **16%** general bed occupancy. ICU occupancy decreased in all divisions except Barishal, Mymensingh, and Sylhet in the same period. The highest ICU occupancy was observed in Sylhet (**35%**) division.
- During the past week, **68** deaths were reported (Male **58.8%** and Female **41.2%**) from all over the country. **73.5%** of them were not vaccinated.
- Among these deaths, 41 people (**60.3%**) reported different comorbidities. Diabetes and High blood pressure were reported by **48.8%** and **56.1%**, respectively. Other significant comorbidities are Heart diseases (**31.7%**), Chest diseases (**26.8%**), and Gastro Liver diseases (**22.0%**).

5. Essential Health Services

- In January 2022, about **99 000** ANC-1 services were provided by the public health facilities in Bangladesh;
- The ANC-1 service utilization in January 2022 has increased by **4%** compared to the previous month;
- Although the service utilization has increased by **6%** compared to January 2021, it is still 24% and 33% lower than the same month in 2020 (first year of COVID19) and 2019 (Pre-COVID19 situation) respectively.

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



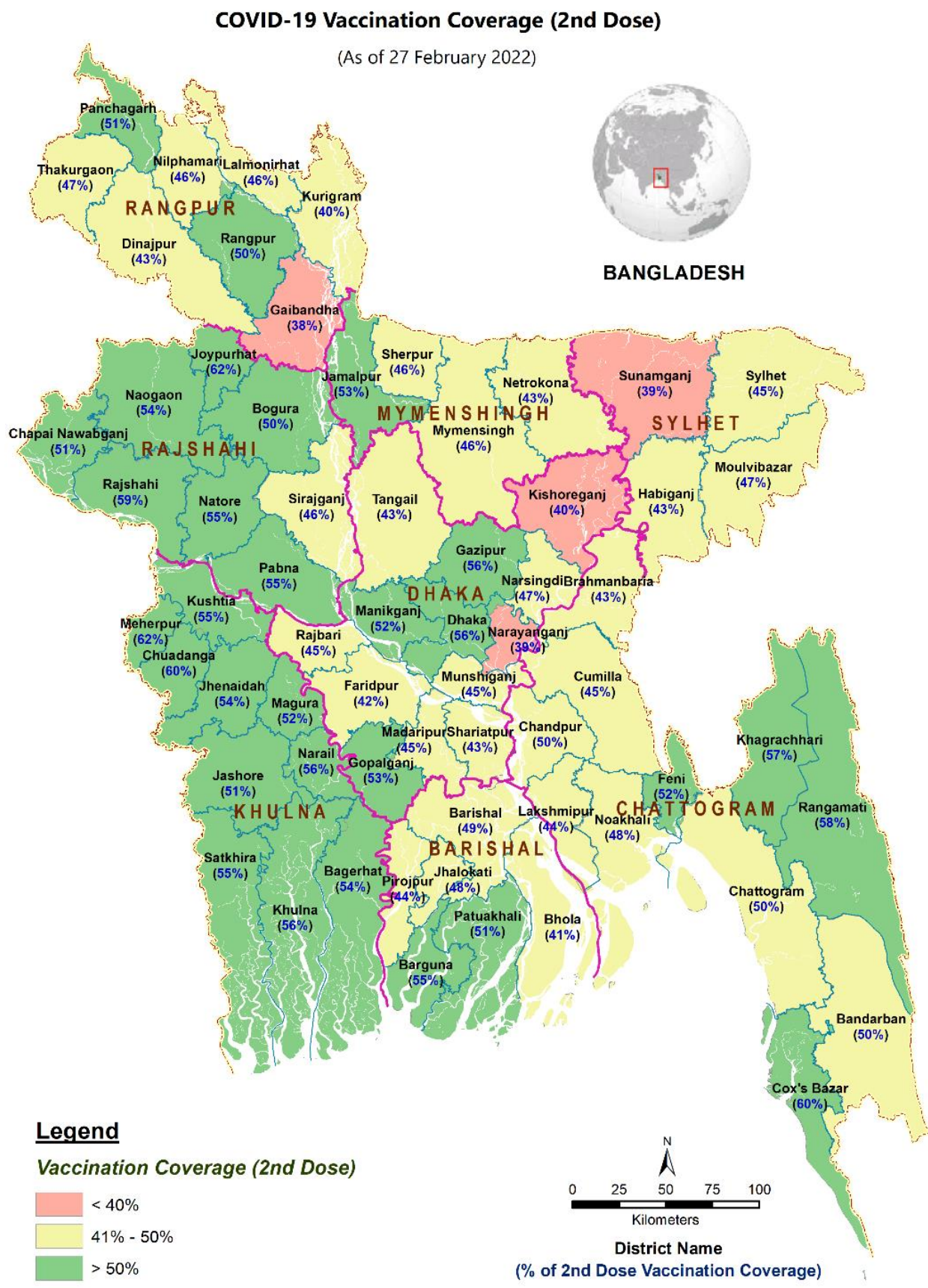
Source: DHIS2, MIS, DGHS; access date 27 February 2022

- Post-natal care also shows a similar trend of marginal increase as compared to the previous year. Public health facilities provided more than **62 000** PNC-1 services in January 2022, which is 2% higher than last month;
- The PNC-1 service utilization by mothers has increased by **11%** in January 2022, but still 12% and 19% lower than the same month in 2020 (first year of COVID19) and 2019 (Pre-COVID19 situation) respectively.

6. Vaccination

- As of 27 February 2022, over **96.5 million** people registered in the COVID-19 vaccine application portal 'Surokha'. However, **122 689 831** individuals received their 1st dose, and **83 529 389** completed their two-dose schedule. Gender distribution is equal (**50%** male and **50%** female) among the people received the 1st dose and 2nd dose.
- Approximately **72.0%** and **49.0%** of the country's total population have received the 1st and 2nd doses of a COVID-19 vaccine, respectively (as per the estimated population of 170 317 066, by Bangladesh Bureau of Statistics, 28 December 2021).

The map below is showing the COVID-19 vaccination status in Bangladesh by district, as of 27 February 2022



- **Sinopharm vaccine** (BIBP): Since the beginning of the COVID-19 vaccination, 55 370 142 people received the 1st jab and 48 262 614 have completed the two doses schedule.
- **Oxford/AstraZeneca** (SII and Japan): 20 318 359 people received their 1st dose, 12 274 552 received 2nd dose, and 1 680 783 received booster dose.
- **Moderna vaccine**: 3 508 490 people received 1st jab, 2 861 325 completed the two doses scheduled, and 1 693 055 received booster dose.
- **Pfizer-BioNTech vaccine**: 20 757 189 people received their 1st jab, 15 346 785 completed their two doses schedule and 244 743 received booster dose.
- **Sinovac vaccine**: 22 735 651 people received the 1st dose of Sinovac vaccine and 4 610 494 completed the two doses scheduled.
- **Johnson & Johnson vaccine**: 173 619 doses of the Johnson & Johnson vaccine have been utilized as booster doses.

7. 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/>
- WHO Bangladesh awareness and risk communication materials in Bengali:
[https://www.who.int/bangladesh/emergencies/coronavirus-disease-\(covid-19\)-update](https://www.who.int/bangladesh/emergencies/coronavirus-disease-(covid-19)-update)
- COVID-19 WHO Online Training modules:
<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/training/online-training>
- 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>