



















Hazrat Shahjalal International Airport, Dhaka

Photo Credit: Social Media Bangladesh

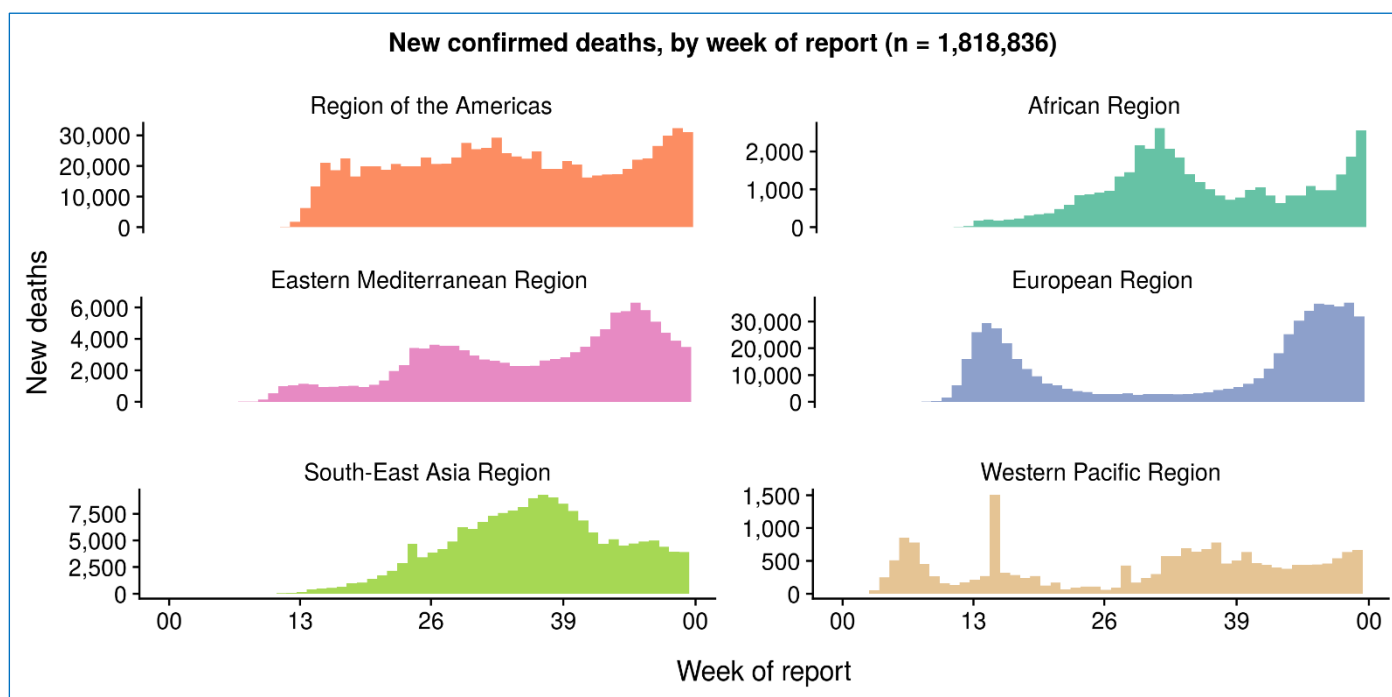
Tested	Confirmed Cases	Recovered	Death	Hotline
 3,260,327	 516,019	 460,598	 7,626	 23.3 million
Test/100,000/Week	Case/100,000/Week	Recovery Rate	CFR%	AR/100,000
51.9	4.0	89.3%	1.48	303
Laboratories		PPE Stock	PoE Screening	
RT PCR Lab : 114 GeneXpert Lab : 26 Rapid Antigen : 40 Tested in Last  days: 88,417		 819,911		944,884
		 6,786,314		59,506
		 237,488		7,029
 60.1% PCR Tests Inside Dhaka		 1,700,187		432,554
 15.8% Overall Positivity				

Date Source: Directorate General of Health Services, MoHFW, Bangladesh

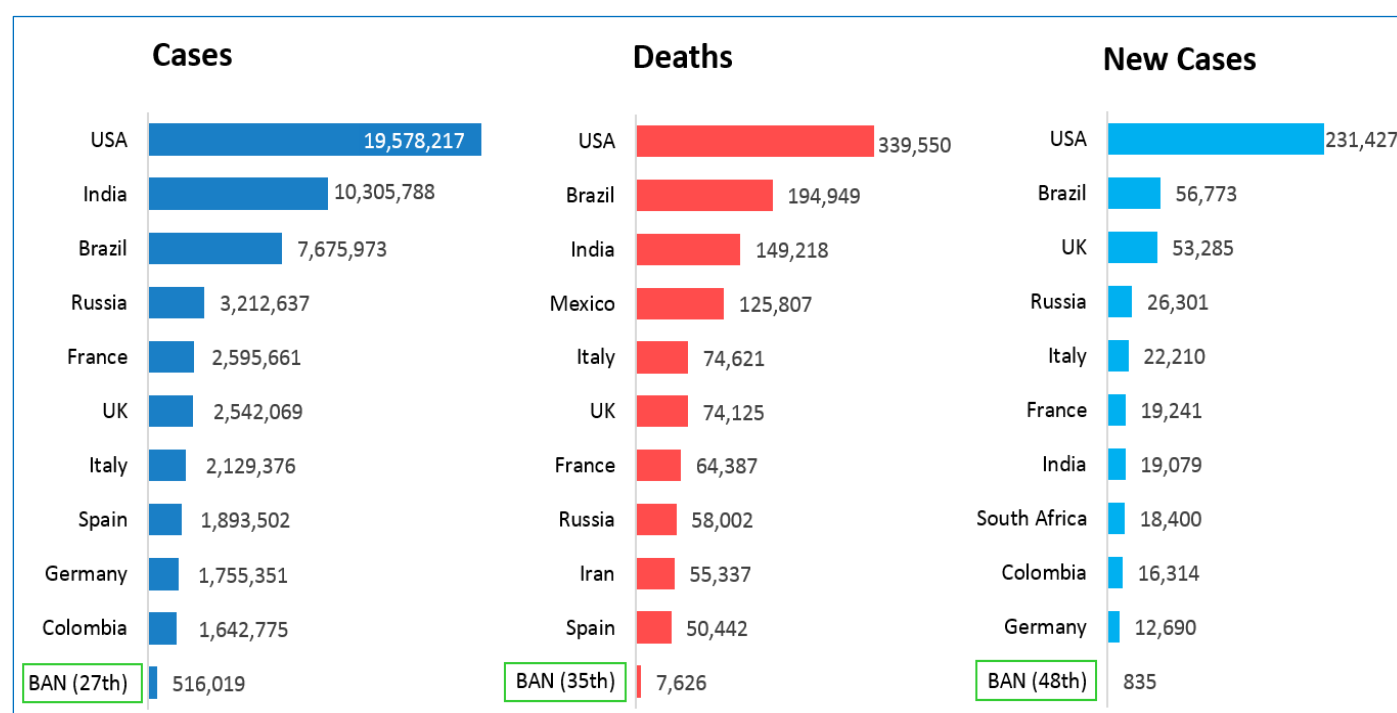
1. Global Situation

Globally, as of 12:00 AM, 03 January 2021 there have been 82,579,768 confirmed cases of COVID-19, including 1,818,849 deaths received by WHO from national authorities. USA, the world's worst hit country, has counted **19,578,217** (231,427) cases with **339,550** (3,761) deaths as reported to WHO; followed by India with **10,305,788** (19,079) cases; while Brazil reported the third highest cases of **7,675,973** (56,773) and second highest deaths **194,949** (1,074) followed by India **149,218** (224) at the same cut off time.

The figure below is showing trend of the weekly number of reported COVID-19 cases by WHO region, 01 January 2020 – 03 January 2021



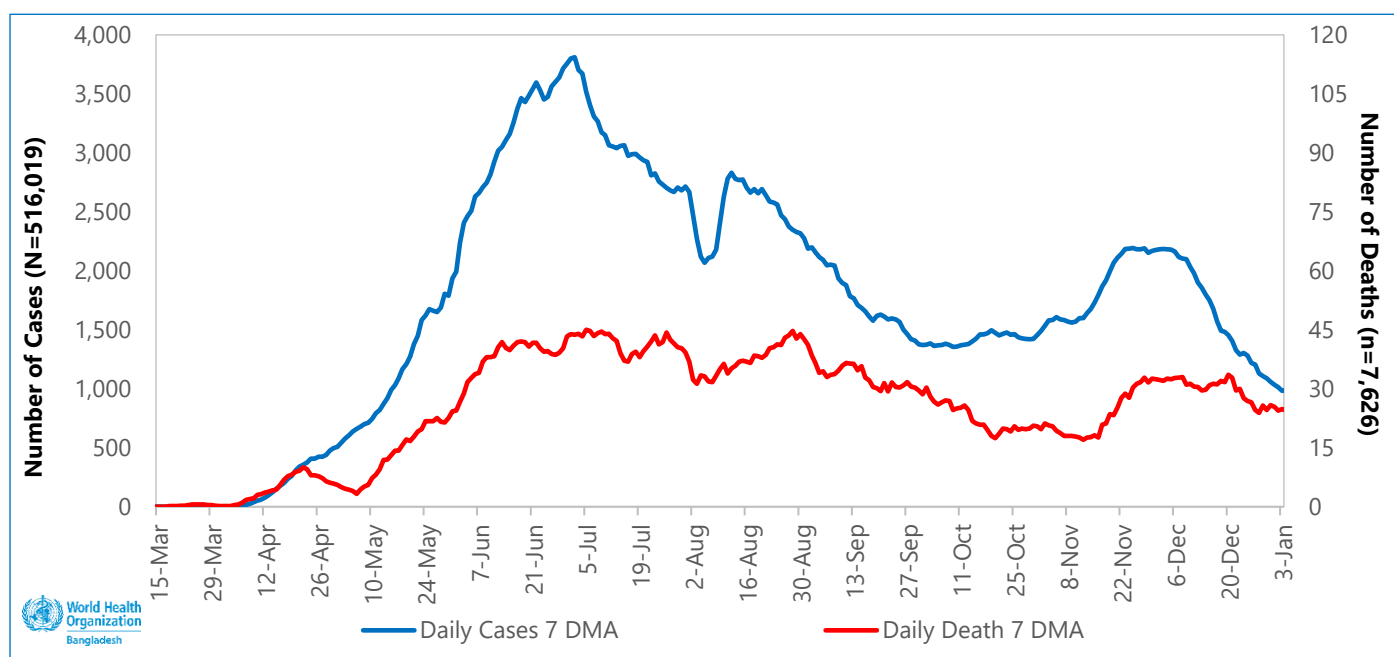
The figure below shows top ranked countries for total cases of confirmed COVID-19, deaths and new cases, 01 January 2020 – 03 January 2021



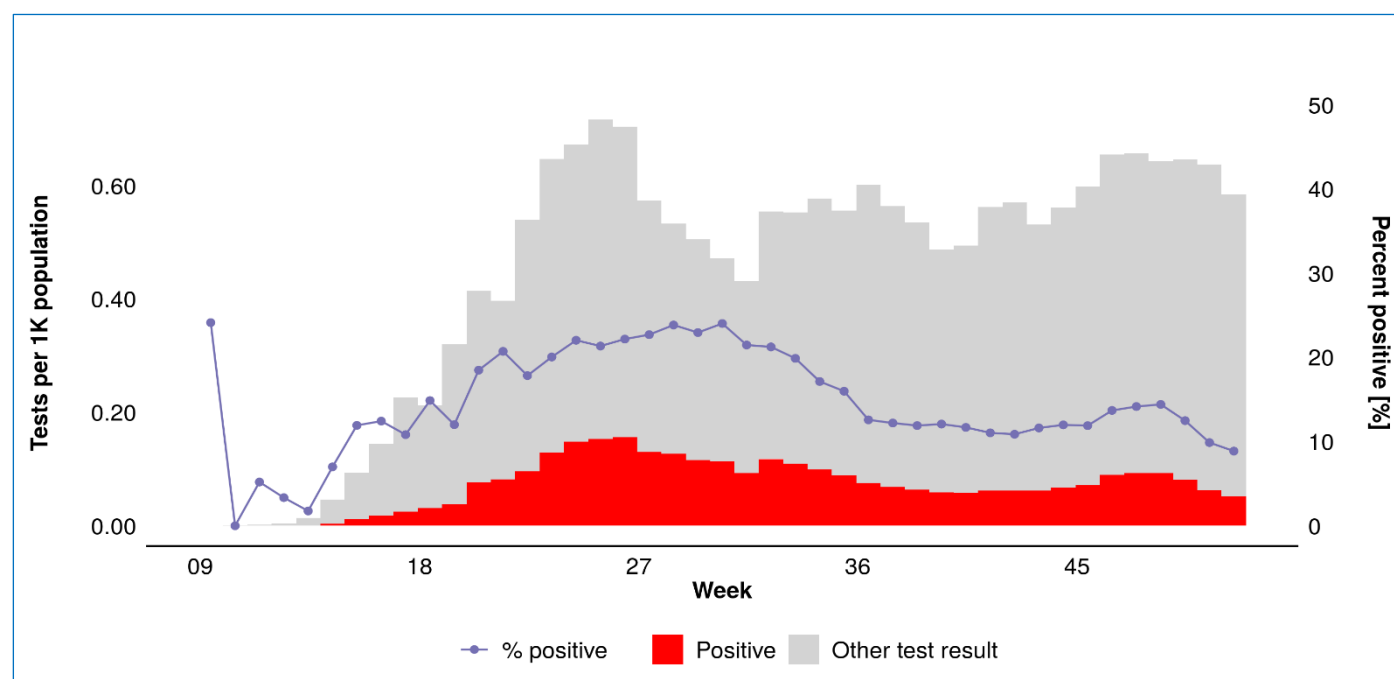
2. Bangladesh Situation

Between 8 March 2020 and 03 January 2021, according to the DGHS Press Release <<https://corona.gov.bd/press-release>> there were five hundred sixteen thousand nineteen (**516,019**) COVID-19 confirmed by rRT-PCR, GeneXpert and Antigen tests including seven thousand six hundred twenty-six (**7,626**) related deaths (**CFR 1.48%**). Bangladesh is the top 27th country in the world and accounts for **0.62%** of the COVID-19 disease burden in the world.

The figure below is showing the trend of COVID-19 cases and deaths, 08 March 2020 – 03 January 2021, Bangladesh



The figure below is showing the weekly test status and positivity of COVID-19, 08 March 2020 – 03 January 2021, Bangladesh



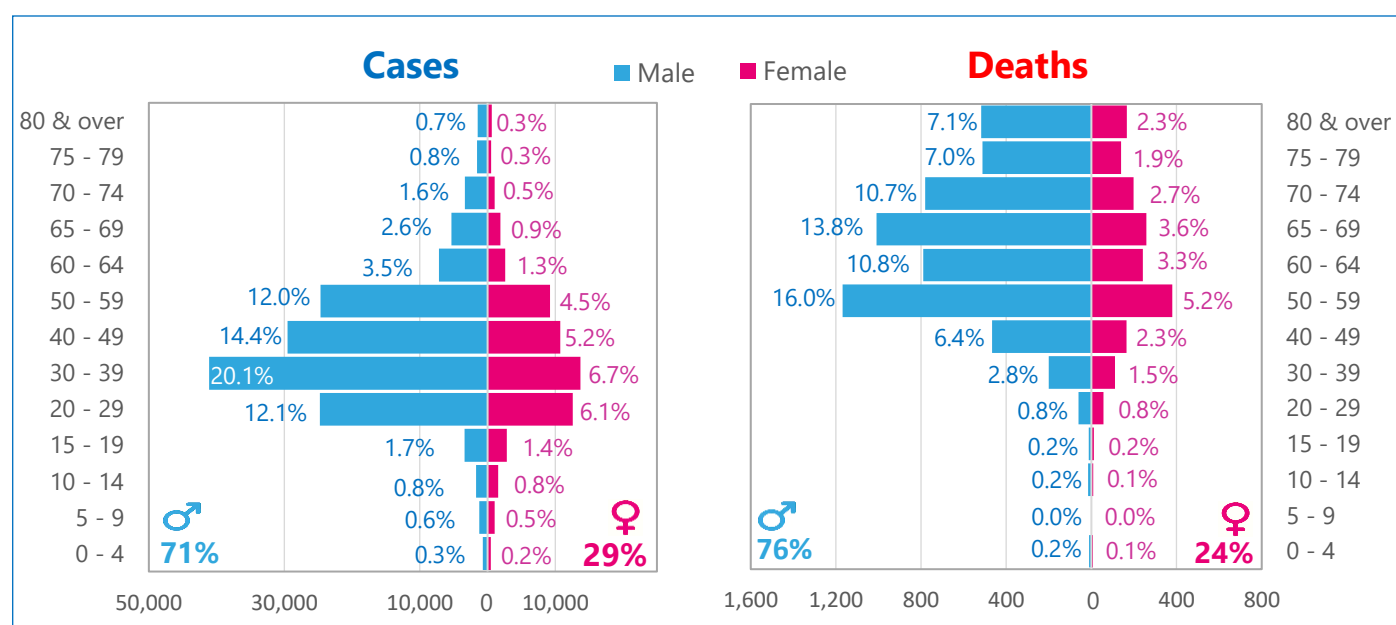
In the epidemiological week 53 (28 DEC 2020 – 03 JAN 2021), number of new cases in Bangladesh is **6,871**; case per 100,000 population per week is **4.0**. New death is **174**; death per 100,000 per week is **0.1**; Weekly CFR **2.53**. Weekly new test is **88,417**; tests per 100,000 per week is **51.9**; weekly test positivity is **7.8%**.

3. Surveillance & Laboratory

In the reported week (epidemiological week 53), in comparison to the previous epidemiological week, the number of new weekly COVID-19 cases **decreased** by **18.5%** (6,871 in week 53 and 8,435 in week 52) and the number of COVID-19 new weekly deaths **increased** by **1.2%** (174 and 172 respectively); overall Case Fatality Ratio (CFR) **increase** to **1.48** which was 1.46 last week.

As of 03 January 2021, among the reported cases **26.8%** cases were confirmed in people between 30 and 39 years old, **19.7%** in the age group of 40 to 49, **18.2%** in 20 to 29 years and **16.5%** in the age group between 50 and 59 years old, 12.5% in the age group 60 and above and 6.3% in the age group below 20 years. The highest death rate (**31.5%**) was reported in the age group of 60 to 69 years old, **22.4%** in the age group of 70 to 79, **21.2%** in 50 to 59 years, **9.4%** in the age group 80 and above, **8.7%** in 40 to 49 and remaining **6.8%** in the age group below 40 years. Male represents **71%** and **76%** of the of total reported confirmed COVID-19 cases and deaths respectively.

The figure below is showing Age-Sex distribution of COVID-19 case and death, 08 March 2020 – 03 January 2021, Bangladesh

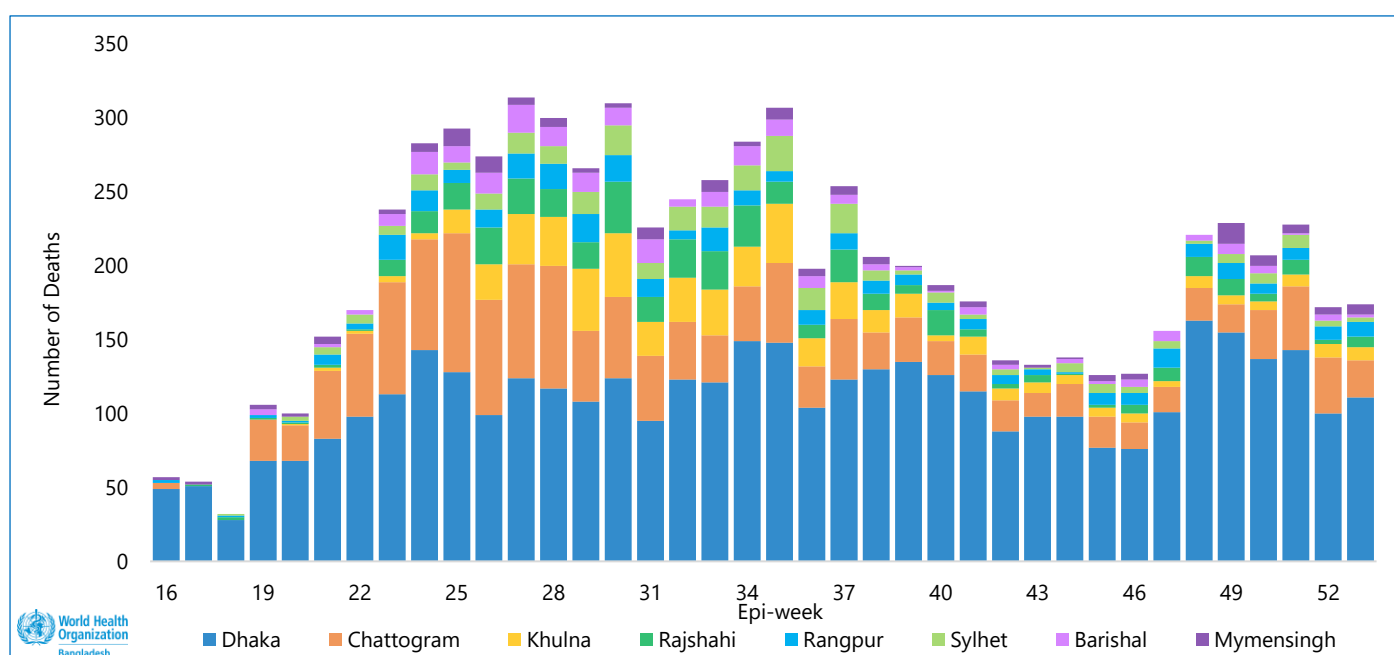
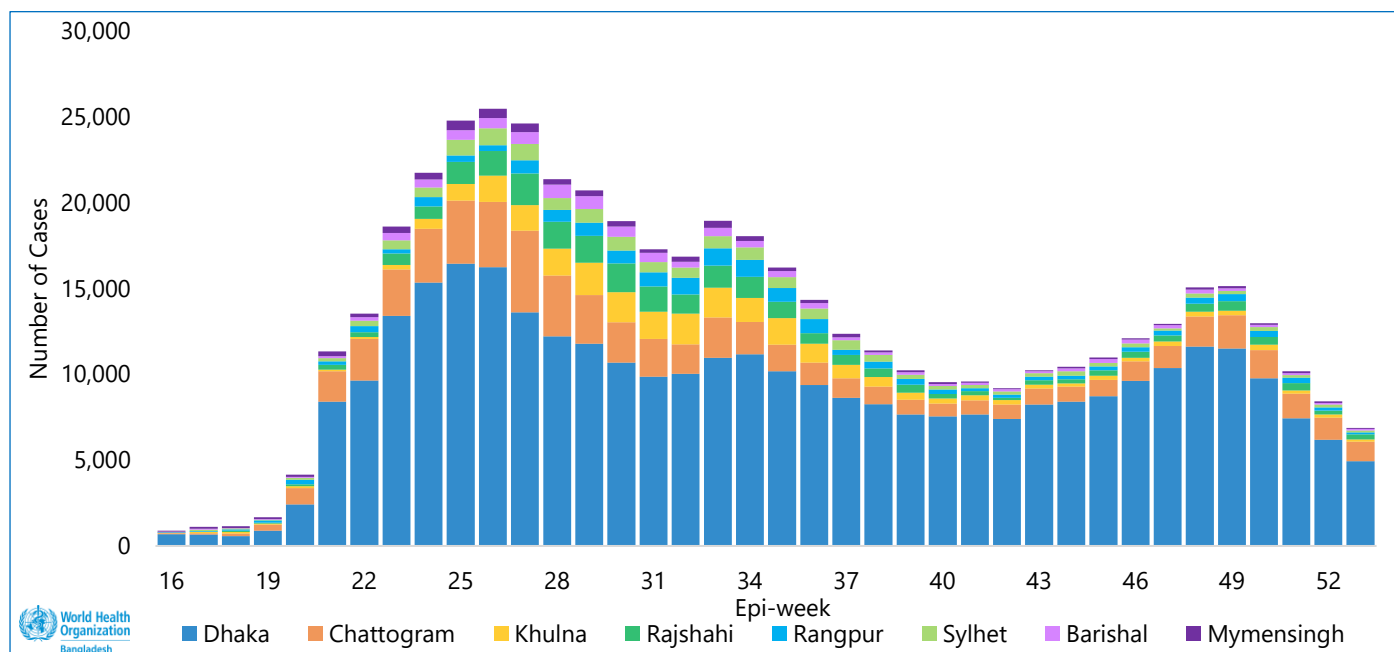


The table below is showing distribution of COVID-19 case and death, 08 March 2020 – 03 January 2021, Bangladesh

Division	Cumulative			Week 53		
	Cases	Death	CFR (%)	Cases	Death	CFR (%)
Dhaka	354,663	4,182	1.18	4,934	111	2.25
Chattogram	63,610	1,424	2.24	1,137	25	2.20
Khulna	24,882	532	2.14	133	9	6.77
Rajshahi	24,513	431	1.76	303	7	2.31
Rangpur	15,491	346	2.23	105	10	9.52
Sylhet	14,871	293	1.97	113	3	2.65
Barishal	10,403	241	2.32	97	2	2.06
Mymensingh	7,586	170	2.24	49	7	14.29
National	516,019	7,619	1.48	6,871	174	2.53

As of 03 January 2021, **68.7%** of reported cases were from **Dhaka** division, **12.3%** from **Chattogram, Khulna** and **Rajshahi** – **4.8%**, **Rangpur** – **3.0%**, **Sylhet** – **2.9%**, **Barishal** – **2.0%** and the lowest **1.5%** from **Mymensingh** division. While, **54.9%** of the reported death were from **Dhaka** division, **18.7%** from **Chattogram, Khulna** – **7.0%**, **Rajshahi** – **5.7%**, **Rangpur** – **4.5%**, **Sylhet** – **3.8%**, **Barishal** – **3.2%** and the lowest **2.2%** from **Mymensingh** division.

The figures below showing the trend of COVID-19 Cases and Deaths, 04 May 2020 – 03 January 2021, Bangladesh



The highest number of weekly cases (**25,481**) reported in epi-week **26** (22 – 28 JUN 2020) while the highest weekly death (**314**) recorded in the following week **27** (29 JUN – 05 JUL 2020). Weekly cases increased in Rajshahi division by **28.9%** and Barishal by **1%**; while decreased in Mymensingh division by **47.9%** followed by Rangpur – **40.3%**, Sylhet – **36.9%**, Khulna – **28.1%**, Dhaka – **20.3%** and Chattogram – **10.9%** than last week.

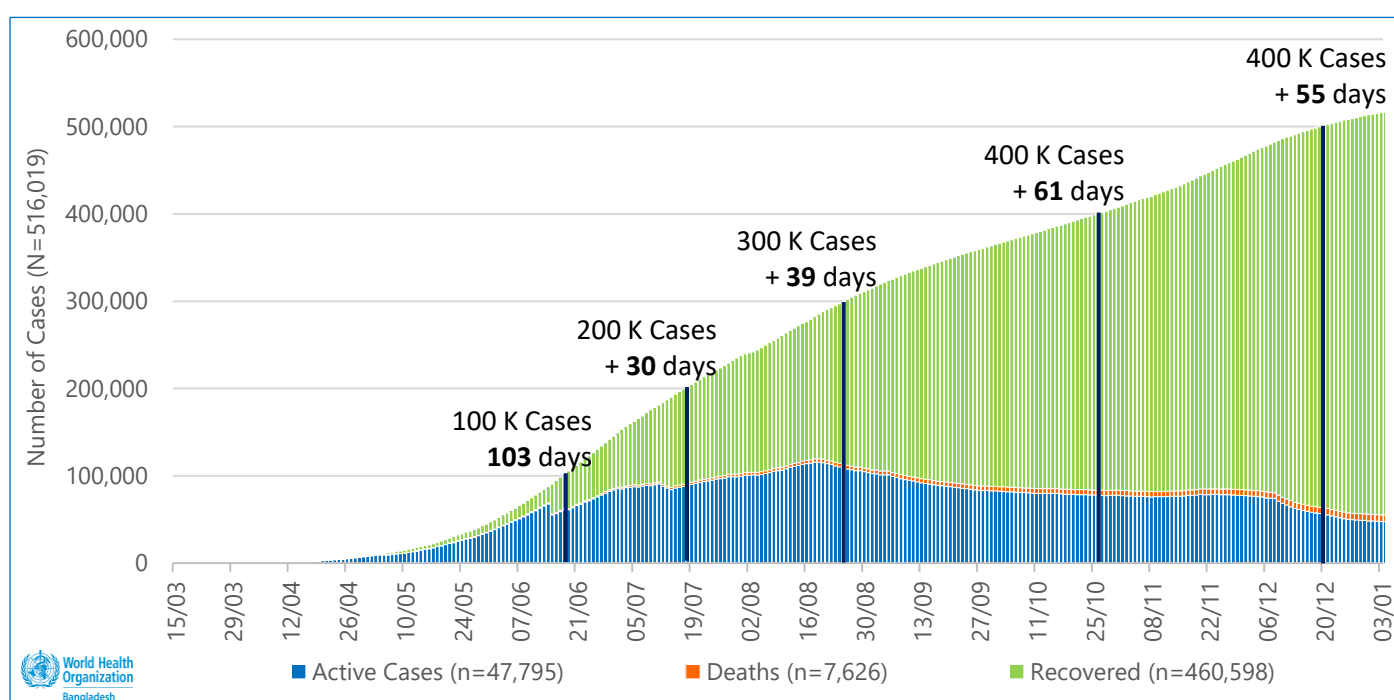
As on 03 January 2021, overall attack rate (**AR**) in Bangladesh is **303** per 100,000 population and **100% (64/64)** of districts with the estimated total population of 170,306,468 have reported confirmed COVID-19 cases. In the reported week (week 53), COVID-19 weekly average AR increased by **1.3%** from the previous week (303 and 299 per 100,000 population respectively).

The table below is showing Attack rate per 100,000 by District, 08 March 2020 – 03 January 2021, Bangladesh

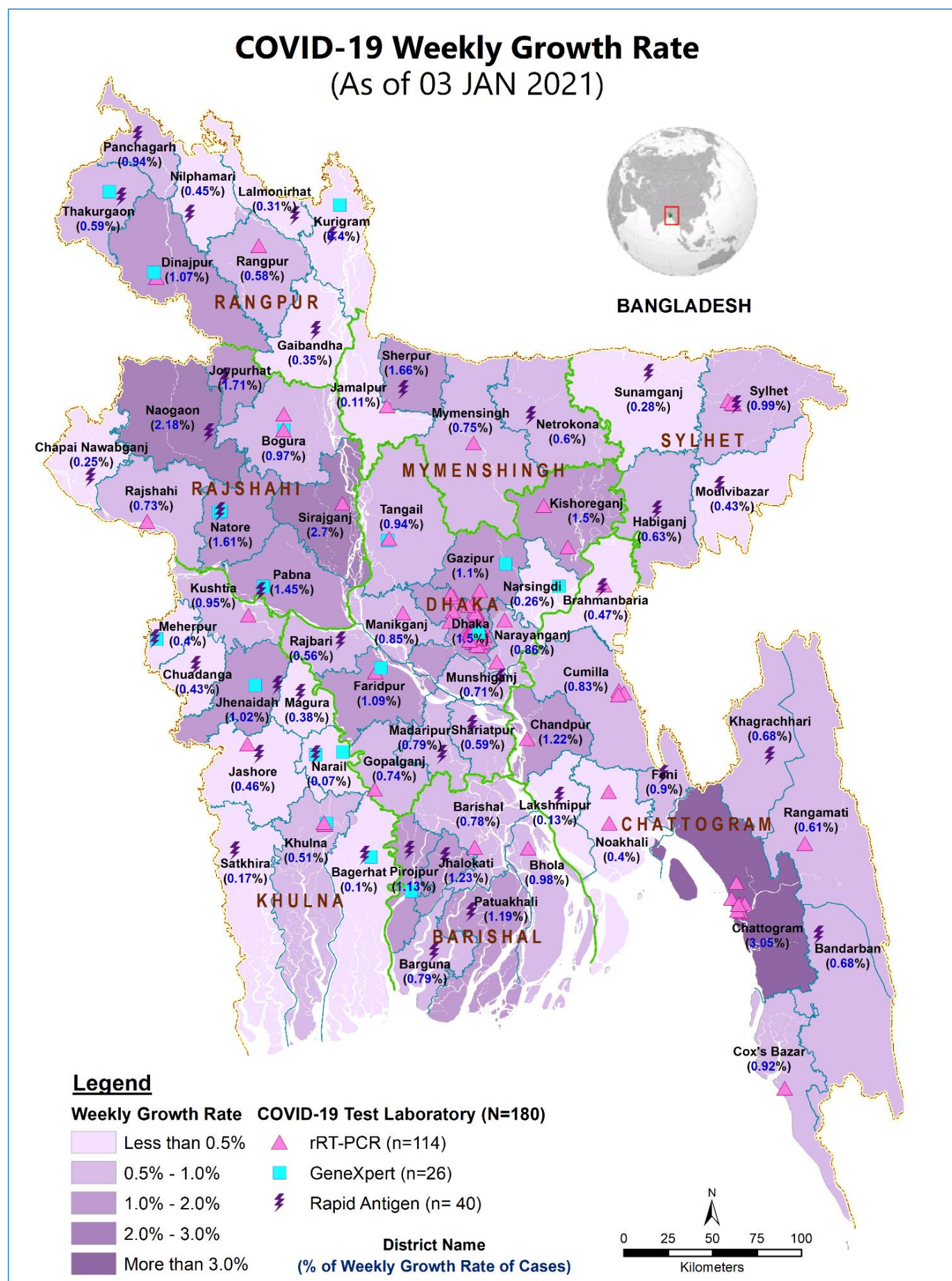
Dhaka Div.	8,230	Chattogram Div.	1,892	Khulna Div.	1,341	Sylhet Div.	1,279
Dhaka City	3,589	Chattogram	3,387	Khulna	2,582	Sylhet	2,151
Faridpur	365	Cox's Bazar	2,112	Narail	1,793	Sunamganj	847
Rajbari	274	Bandarban	1,923	Kushtia	1,623	Maulvibazar	816
Munshiganj	256	Rangamati	1,629	Jashore	1,415	Habiganj	781
Narayanganj	244	Noakhali	1,509	Chuadanga	1,234		
Gopalganj	215	Cumilla	1,418	Jhenaidah	1,092		
Gazipur	171	Feni	1,314	Magura	973		
Shariatpur	138	Lakshmipur	1,136	Meherpur	963		
Madaripur	120	Khagrachhari	1013	Bagerhat	577		
Manikganj	108	Chandpur	933	Satkhira	492		
Dhaka (District)	107	Brahmanbaria	833				
Narsingdi	104						
Kishoreganj	101						
Tangail	88						
Rajshahi Div.	1,124	Barishal Div.	1,057	Rangpur Div.	830	Mymensingh Div.	584
Bogura	2,395	Barishal	1,735	Dinajpur	1,277	Mymensingh	732
Rajshahi	1,899	Jhalokathi	1,021	Rangpur	1,168	Jamalpur	657
Joypurhat	1,210	Barguna	968	Thakurgaon	927	Sherpur	342
Sirajganj	717	Patuakhali	936	Lalmonirhat	651	Netrakona	319
Natore	614	Pirojpur	882	Panchagarh	641		
Pabna	541	Bhola	441	Nilphamari	611		
Naogaon	503			Gaibandha	513		
Chapainawabganj	405			Kurigram	409		

Out of the total **516,019** COVID-19 cases registered as of 03 January 2021, **89.3%** (460,598) **recovered**, **1.48%** (7,626) **died** and **9.26%** (47,795) are **active cases**. In the epidemiological week 53, weekly average number of COVID-19 **active cases** decreased by **7%**, in comparison to the previous week (**48,555** and 52,229 respectively); during the same time, weekly **recovery** has decreased by **40.2%** (**8,637** and 14,434 respectively).

The figure below is showing trend of COVID-19 cases by Outcome, 15 March 2020 – 03 January 2021, Bangladesh



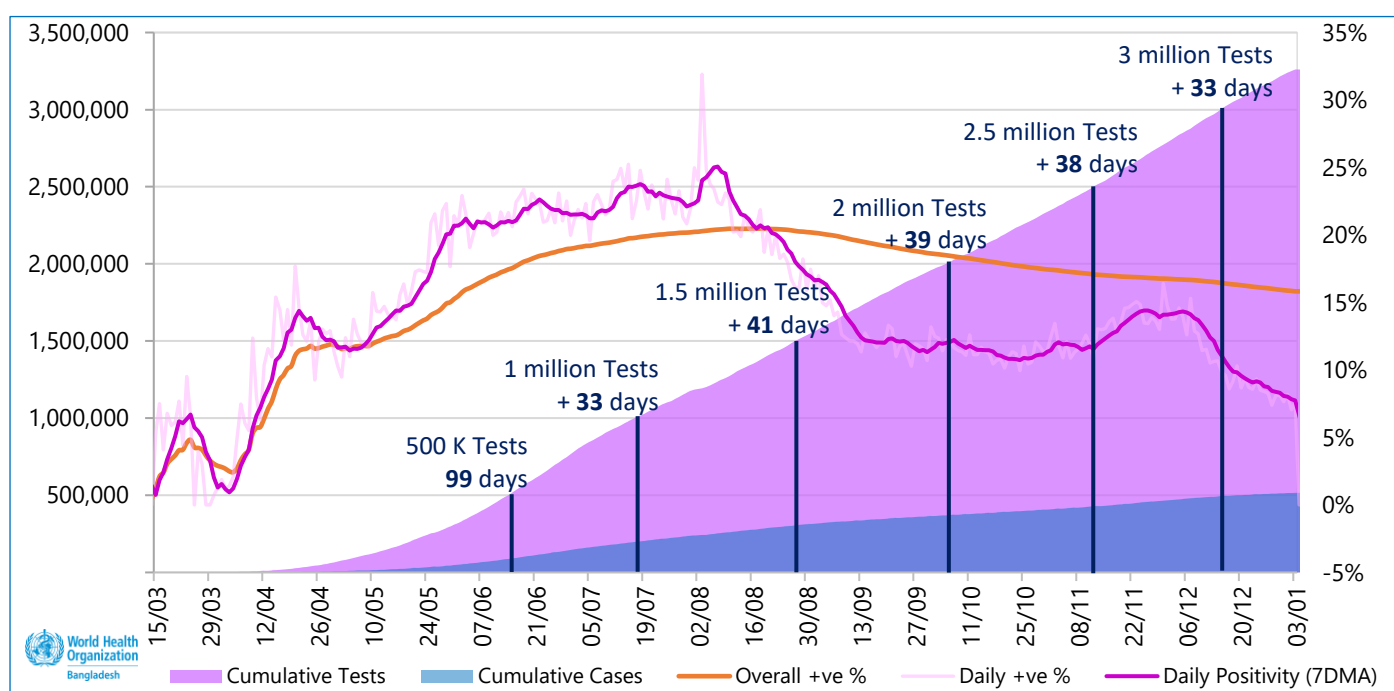
The map below is showing weekly growth rate of COVID-19 Cases by District and location of COVID-19 test Laboratories, Bangladesh



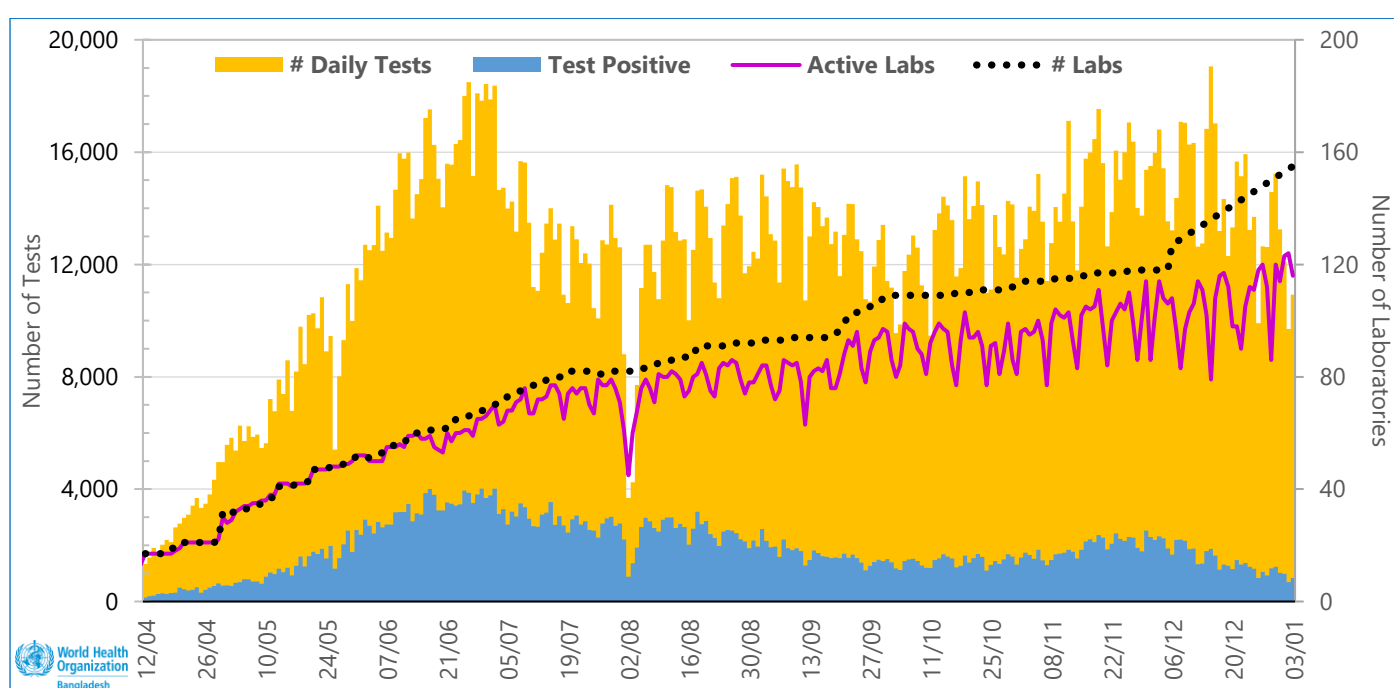
As of 03 January 2021, according to the DGHS Press Release **3,260,327** COVID-19 tests were conducted in Bangladesh with the overall positivity rate of **15.83%** (**7.6%** in last 24 hours) by **180** laboratories. Two (2) laboratories with GeneXpert test capacity (Dhaka Medical College Hospital and Manikganj 250 Bed District Hospital) and **11** more districts with Rapid Antigen test facilities have been added to the network COVID-19 testing facilities.

As of 03 January 2021, test per case is **6.32** which indicates the number of tests required to identify 1 case.

The graph below is showing cumulative number of Samples tested and Positivity rate, 15 March 2020 – 03 January 2021, Bangladesh



The graph below is showing temporal status of number of Laboratories and number of Tests, 12 April 2020 – 03 January 2021, Bangladesh



4. Points of Entry & Quarantine

According to DGHS, as of 03 January 2021, the current institutional quarantine capacity in the country is represented by **629** centres across the 64 districts, which can receive **31,991** persons. A total of **45,140** individuals were placed in quarantine facilities and of them **42,166** (93.4%) have already been released. Over the same period, total of **96,656** individuals were isolated in designated health facilities and of them **85,249** (88.2%) have been released.

5. Case Management and Infection Prevention & Control

According to DGHS, as of 03 January 2021, there are **10,495** general beds in the country of which **31.1%** (3,269) in Dhaka city and **602** ICU of which **51.5%** (310) in Dhaka city dedicated for COVID-19 treatment. Presently **20.6%** of the general beds and **47.0%** ICU beds are occupied all over the country.

The table below is showing a temporal comparison of COVID-19 dedicated facilities, week 52 and week 53, 2020, Bangladesh

	National			Dhaka		
	03 JAN 2021	20 DEC 2020	Trend	03 JAN 2021	20 DEC 2020	Trend
General Beds	10,495	10,460	↑	3,269	3,284	↓
Bed Occupancy	20.6%	25.5%	↓	43.7%	55.1%	↓
ICU	602	568	↑	310	286	↑
ICU Occupancy	47.0%	53.2%	↓	59.4%	74.1%	↓
Oxygen cylinder	12,759	13,192	↓			
High flow nasal cannula	719	667	↑			
Oxygen concentrator	621	614	↑			

6. 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://www.who.int/bangladesh/emergencies/Rohingyacrisis/bulletin-and-reports>
- 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://openwho.org/channels/COVID-19>
- 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-situation-updates>