



















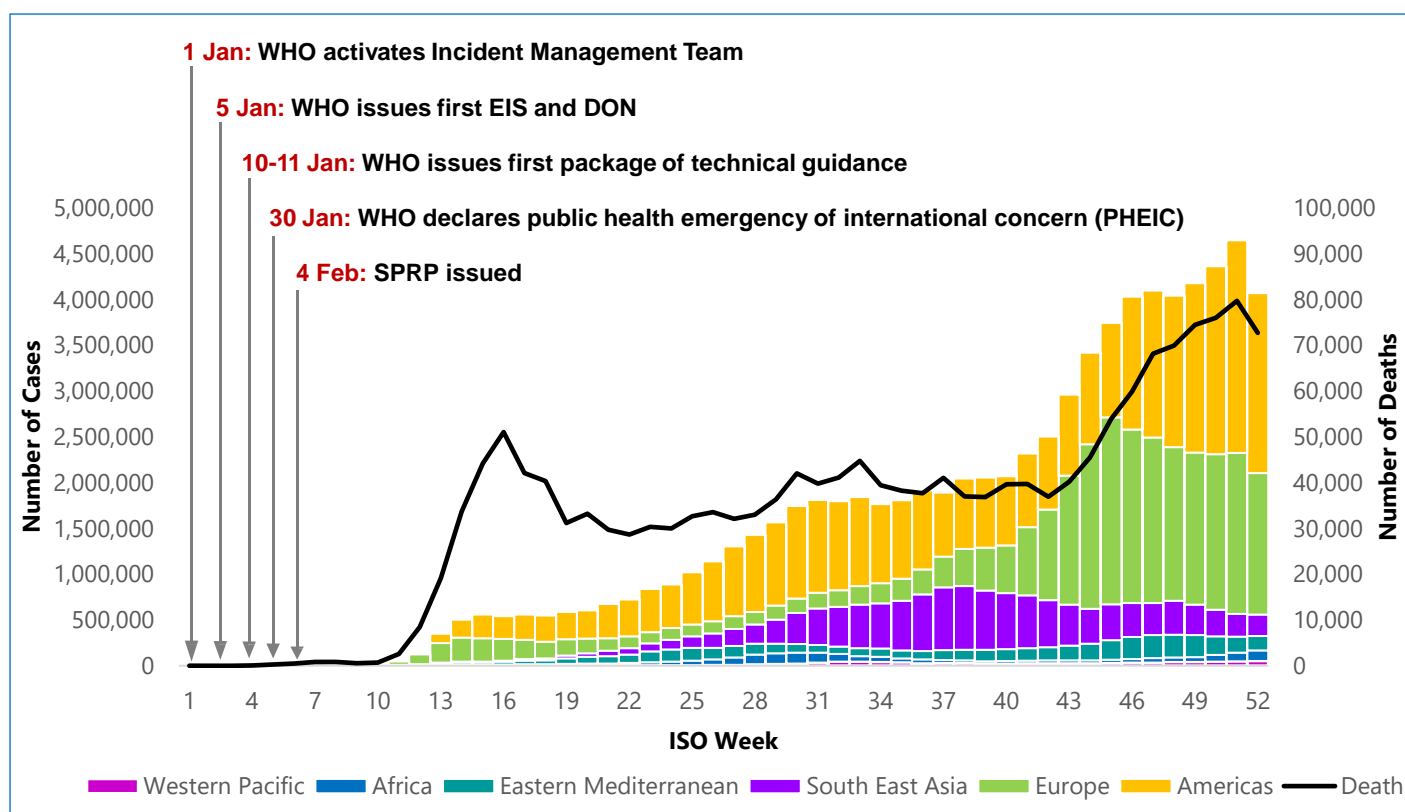
Tested	Confirmed Cases	Recovered	Death	Hotline
 3,171,910	 509,148	 451,961	 7,452	 23.25 million
Test/100,000/Week	Case/100,000/Week	Recovery Rate	CFR%	AR/100,000
56.5	5.0	88.8%	1.46	299
Laboratories		PPE Stock	PoE Screening	
RT PCR Lab : 114 GeneXpert Lab : 24 Rapid Antigen : 29 Tested in Last  days: 96,230		 851,401	 915,657	
		 7,013,207	 57,851	
		 240,525	 7,029	
 60.5% PCR Tests Inside Dhaka		 1,728,477	 427,932	
 16.1% Overall Positivity				
Date Source: Directorate General of Health Services, MoHFW, Bangladesh				

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

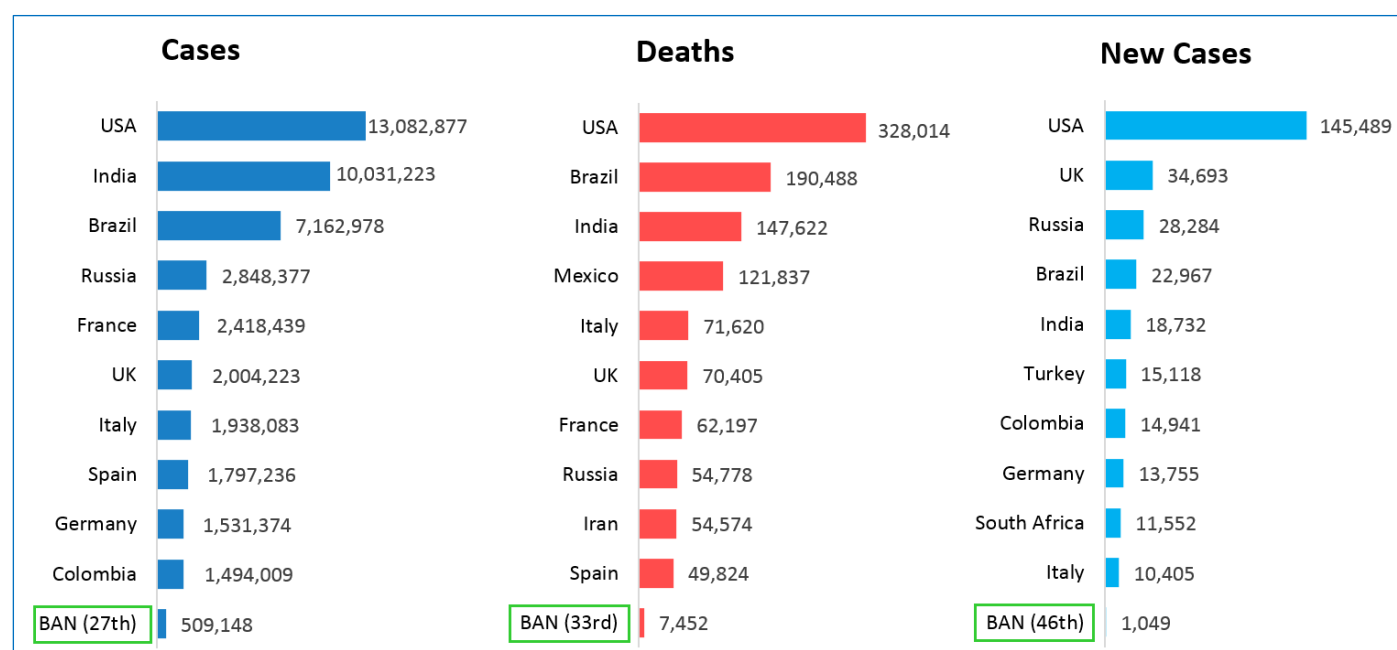
1. Global Situation

Globally, as of 7:22 PM, 27 December 2020 there have been 79,232,555 confirmed cases of COVID-19, including 1,754,493 deaths received by WHO from national authorities. USA, the world's worst hit country, has counted **17,314,834** (402,270) cases with **328,014** (1,692) deaths as reported to WHO; followed by India with **10,031,223** (18,732) cases; while Brazil reported the third highest cases of **7,162,978** (22,967) and second highest deaths **190,488** (482) followed by India **147,622** (279) 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 – 27 December 2020



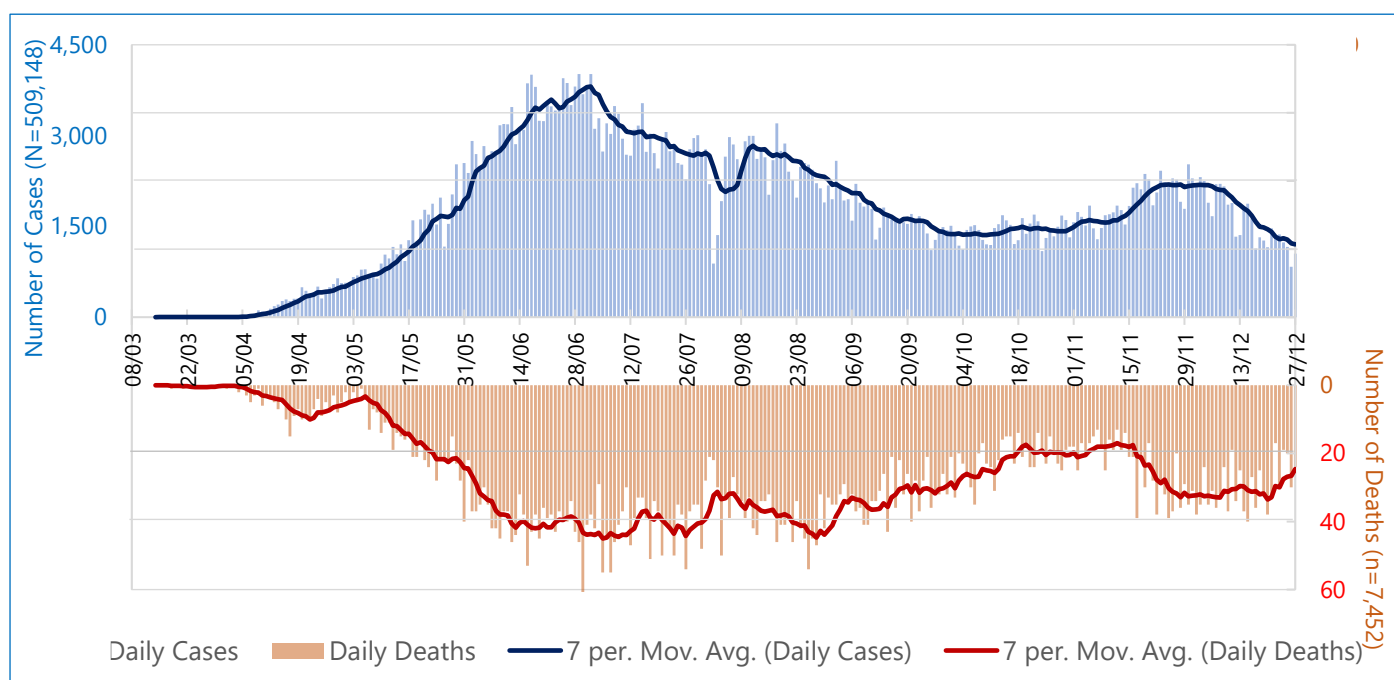
The figure below shows top ranked countries for total cases of confirmed COVID-19, deaths and new cases, 01 January – 27 December 2020



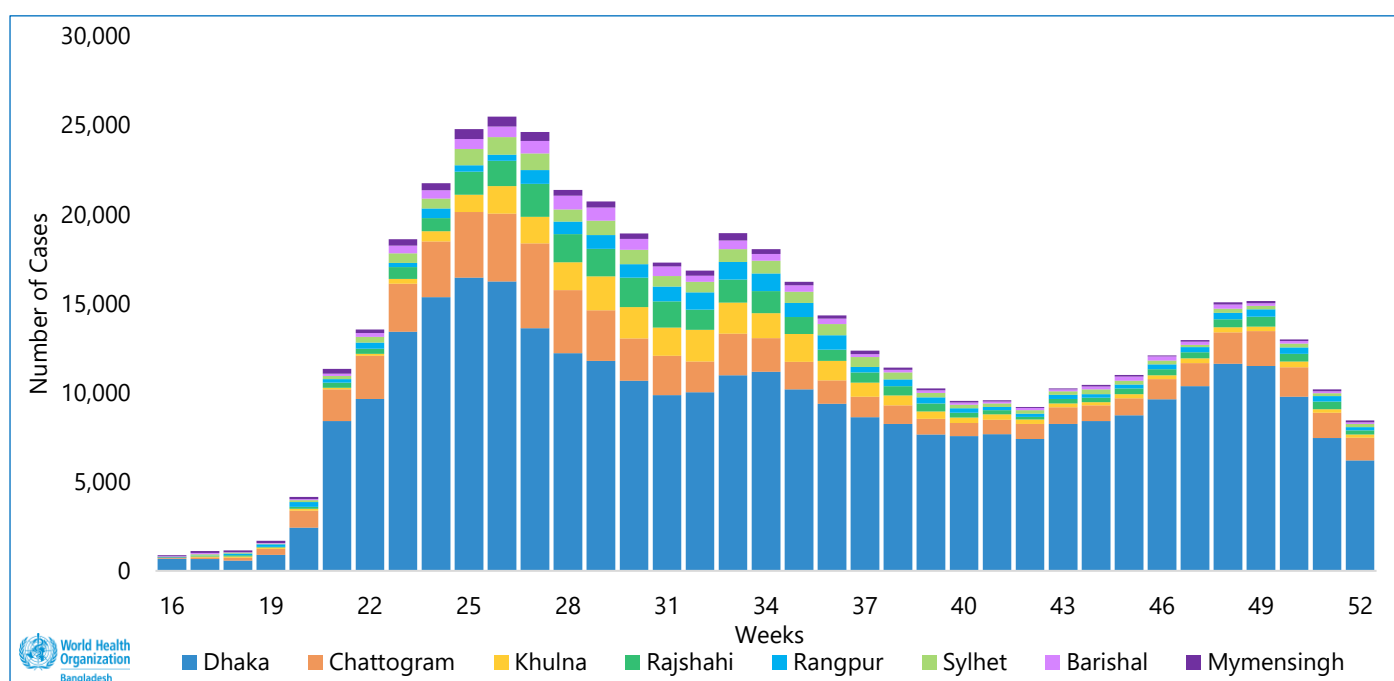
2. Bangladesh Situation

Between 8 March and 27 December 2020, according to the DGHS Press Release <<https://corona.gov.bd/press-release>> there were five hundred nine thousand one hundred forty-eight (**509,148**) COVID-19 confirmed by rRT-PCR, GeneXpert and Antigen tests including seven thousand four hundred fifty-two (**7,452**) related deaths (**CFR 1.46%**). Bangladesh is the top 27th country in the world and accounts for **0.64%** of the COVID-19 disease burden in the world.

The figure below is showing the trend of COVID-19 cases and deaths, 08 March – 27 December 2020, Bangladesh



The figures below showing the trend of COVID-19 Cases and Deaths, 04 May – 06 December 2020, Bangladesh



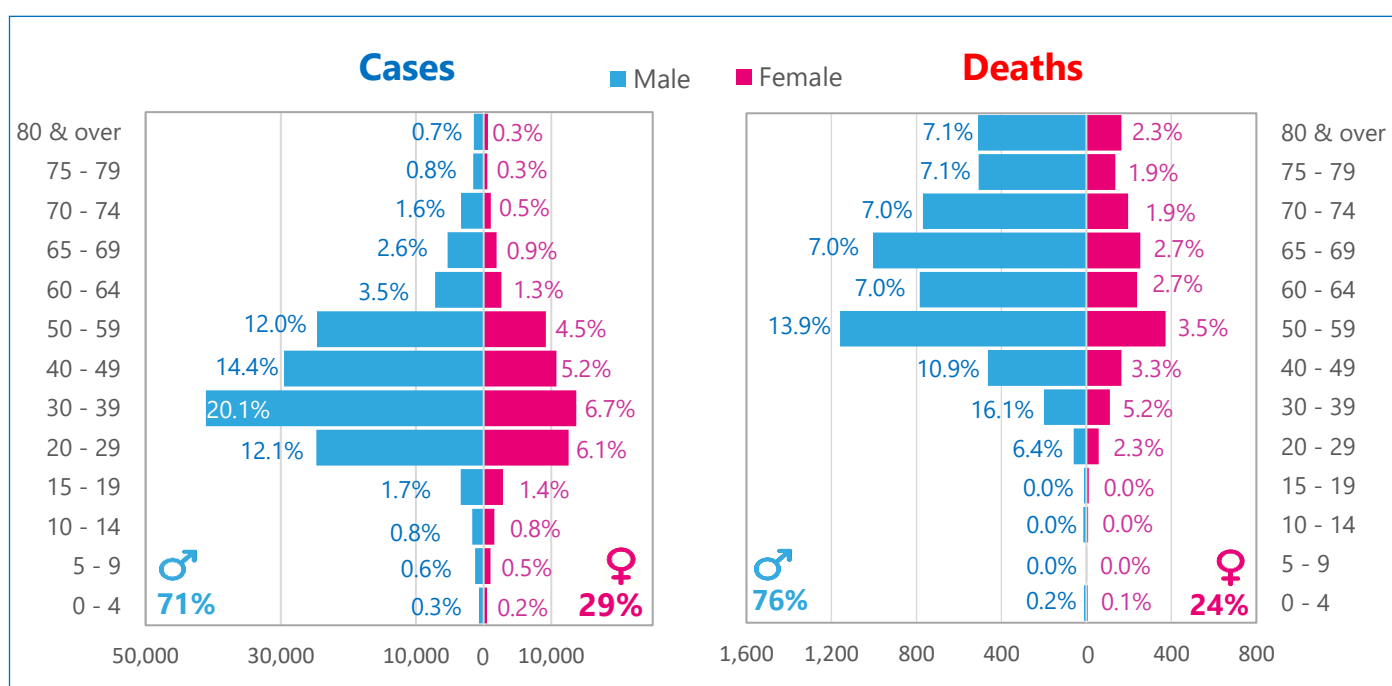
In the epidemiological week 52, number of new cases in Bangladesh is **8,435**; case per 100,000 population per week is **5.0**. New death is **172**; death per 100,000 per week is **0.1**. Weekly new test is **96,230**; tests per 100,000 per week is **56.53**; weekly test positivity is **8.77%**.

3. Surveillance & Laboratory

In the reported week (epidemiological week 52), in comparison to the previous epidemiological week, the number of new weekly COVID-19 cases **decreased** by **17.1%** (8,435 in week 52 and 10,180 in week 51) and the number of COVID-19 new weekly deaths **decreased** by **26.6%** (172 and 235 respectively); overall Case Fatality Ratio (CFR) **increase** to **1.46** which was 1.45 for in the last week.

As of 27 December 2020, 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 (**31.6%**) was reported in the age group of 60 to 69 years old, **31.6%** in the older age group of 70 and above **21.2%** in 50 to 59 years, and **15.6%** in the age group of below 50 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 – 27 December 2020, Bangladesh



The table below is showing distribution of COVID-19 case and death, 08 March – 27 December 2020, Bangladesh

Division	Cumulative			Week 52		
	Cases	Death	CFR (%)	Cases	Death	CFR (%)
Dhaka	349,729	4,071	1.16	6,194	100	1.61
Chattogram	62,473	1,399	2.24	1,276	38	2.98
Khulna	24,749	523	2.11	185	9	4.86
Rajshahi	24,210	424	1.75	235	3	1.28
Rangpur	15,386	336	2.18	176	9	5.11
Sylhet	14,758	290	1.97	179	4	2.23
Barishal	10,306	239	2.32	96	4	4.17
Mymensingh	7,537	163	2.16	94	5	5.32
National	509,148	7,445	1.46	8,435	172	2.04

As of 27 December 2020, **68.8%** of reported cases were from **Dhaka** division, **12.3%** from **Chattogram**, **Khulna – 4.9%**, **Rajshahi – 4.9%**, **Rangpur – 3.0%**, **Sylhet – 2.9%**, **Barishal – 2.0%** and the lowest **1.5%** from **Mymensingh** division.

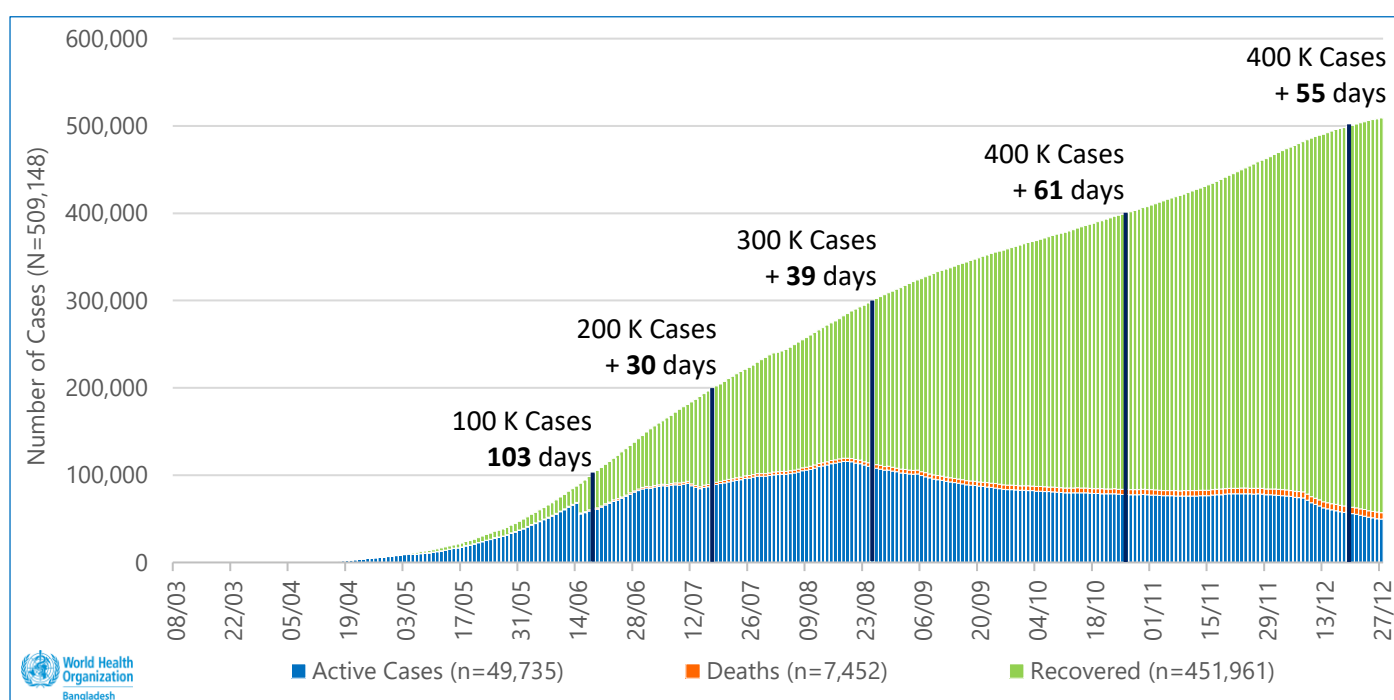
While, **54.7%** of the reported death were from **Dhaka** division, **18.8%** from **Chattogram**, **Khulna – 7.0%**, **Rajshahi – 5.7%**, **Rangpur – 4.5%**, **Sylhet – 3.9%**, **Barishal – 3.2%** and the lowest **2.2%** from **Mymensingh** division.

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 Sylhet division by **7.8%**; while decreased in Rajshahi division by **45%** followed by Rangpur – **42.3%**, Dhaka – **16.8%**, Barishal – **14.3%**, Chattogram – **10.6%**, Mymensingh – **7.8%** and Khulna – **4.1%** than last week.

As on 27 December 2020, overall attack rate (**AR**) in Bangladesh is **299** 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 52), COVID-19 weekly average **AR** (299/100,000) increased by **1.7%** from the previous week.

Out of the total **509,148** COVID-19 cases registered as of 27 December 2020, **88.8%** (451,961) **recovered**, **1.46%** (7,452) **died** and **9.77%** (49,735) are **active cases**. In the epidemiological week 52, weekly average number of COVID-19 **active cases** decreased by **107%**, in comparison to the previous week (**52,229** and 58,485 respectively); during the same time, weekly **recovery** has decreased by **13.2%** (**14,434** and 16,631 respectively).

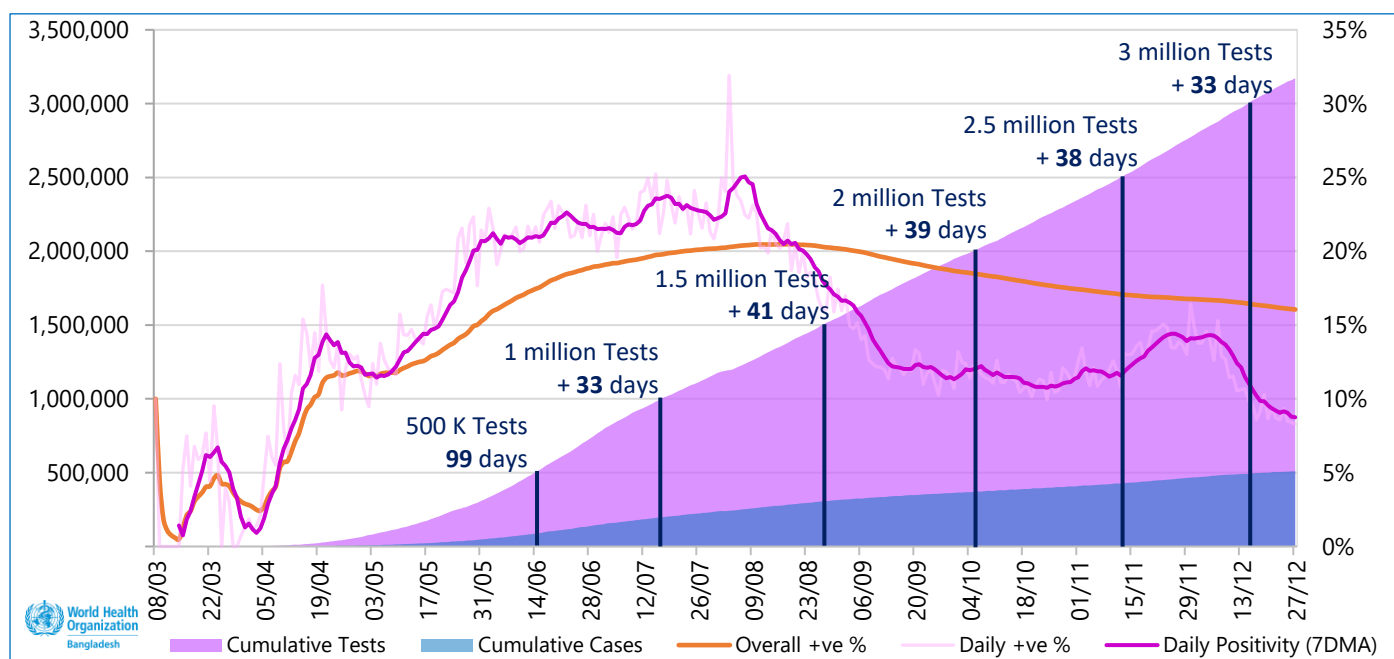
The figure below is showing trend of COVID-19 cases by Outcome, 08 March – 27 December 2020, Bangladesh



As of 06 December 2020, according to the DGHS Press Release **3,171,910** COVID-19 tests were conducted in Bangladesh with the overall positivity rate of **16.05%** (**8.3%** in last 24 hours) by **167** laboratories. One (1) laboratory in Dhaka city (Crystal Diagnostic) with RT-PCR test facility and seven (7) GeneXpert put side Dhaka city (Regional Tuberculosis Reference Laboratory, Sylhet; Regional Tuberculosis Reference Laboratory, Khulna; Raipura Upazila Health Complex; Magura Chest Disease Clinic; Bagerhat Chest Disease Clinic; Bhandaria Upazila Health Complex and Feni Chest Disease Clinic) has been added to the network of COVID-19 testing laboratories.

As of 27 December 2020, test per case is **6.23** which indicates the number of tests required to identify 1 case.

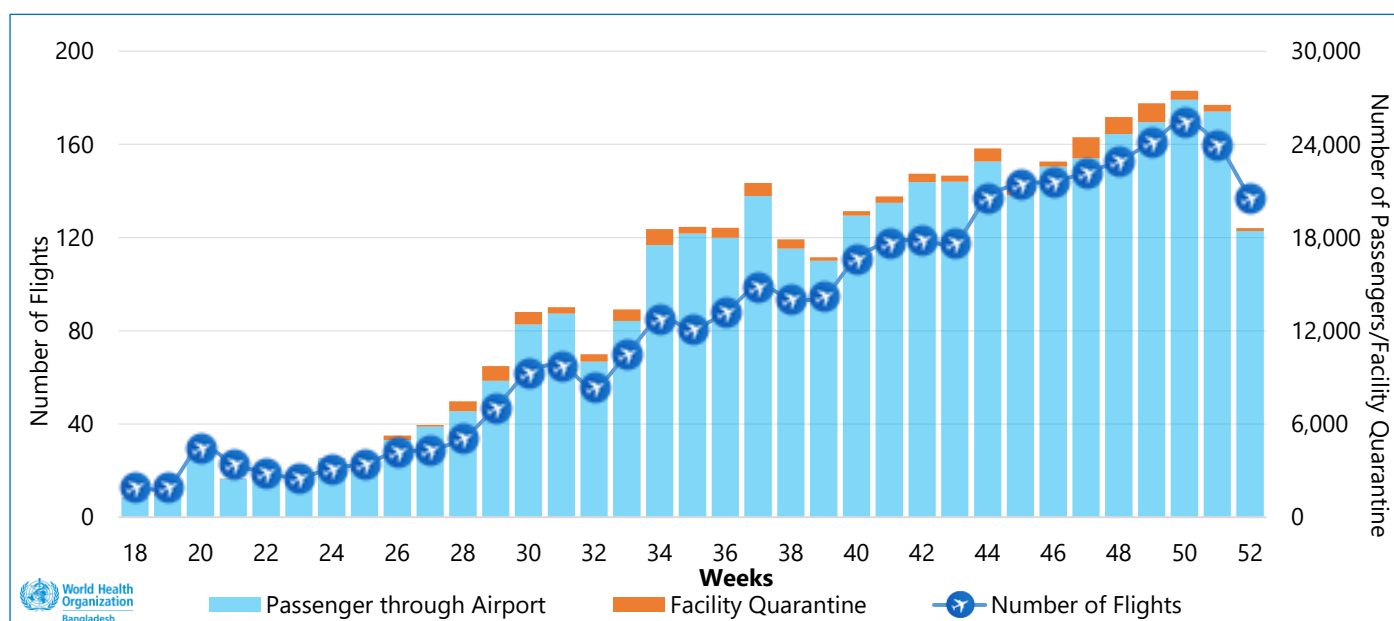
The graph below is showing cumulative number of Samples tested and Positivity rate, 08 March – 27 December 2020, Bangladesh



4. Points of Entry & Quarantine

In the reported week (week 52), the number of international flights has decreased by **14.4%**, in comparison to the previous week (**137** and **160** respectively) leading to decrease in the number of incoming passengers by **29.9%** (**18,603** and **26,547** respectively). In the reported week **169** individuals were sent to Institutional Quarantine after passenger screening at the Hazrat Shahjalal International Airport (HSIA).

The figure below is showing the incoming flow of flights and passengers captured through PoE Surveillance, 26 April – 27 December 2020, Bangladesh



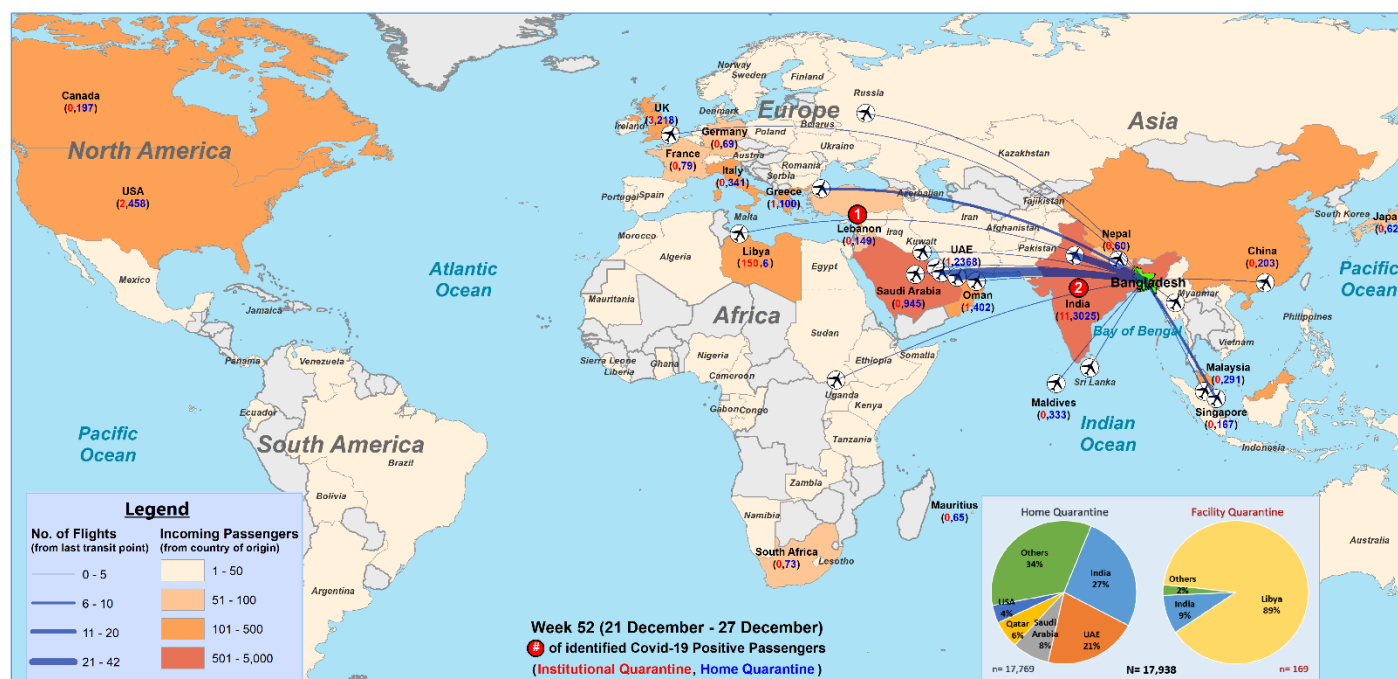
According to DGHS, as of 27 December 2020, the current institutional quarantine capacity in the country is represented by **629** centres across the 64 districts, which can receive **31,991** persons. A total of **44,848** individuals were placed in quarantine facilities and of them **41,751** (93.1%) have already been released. Over the same period, total of **95,861** individuals were isolated in designated health facilities and of them **84,015** (87.6%) have been released.

The table below is showing distribution of incoming travellers in last 14 days (N=32,473) sent to Home Quarantine as captured through PoE Surveillance, 07 – 20 DEC 2020, Bangladesh

Dhaka Div.	14,415	Chattogram Div.	11,631	Khulna Div.	3,265	Sylhet Div.	3,190
Dhaka	6,978	Cumilla	3,499	Jashore	728	Sylhet	1495
Tangail	995	Chattogram	2020	Khulna	561	Moulvibazar	684
Gazipur	817	Brahmanbaria	1621	Bagerhat	503	Habiganj	564
Munshiganj	772	Noakhali	1223	Kushtia	359	Sunamganj	447
Narayanganj	769	Chandpur	1161	Satkhira	273		
Faridpur	740	Feni	912	Jhenaidah	253		
Narsingdi	700	Lakshmipur	683	Meherpur	153		
Kishoreganj	649	Cox's Bazar	448	Narail	150		
Manikganj	547	Rangamati	27	Magura	146		
Madaripur	515	Khagrachhari	19	Chuadanga	139		
Shariatpur	449	Bandarban	18				
Rajbari	250						
Gopalganj	234						
Rajshahi Div.	1,890	Barishal Div.	1,253	Mymensingh Div.	944	Rangpur Div.	628
Pabna	425	Barishal	459	Mymensingh	549	Dinajpur	157
Bogura	339	Bhola	234	Jamalpur	211	Rangpur	144
Rajshahi	273	Pirojpur	204	Netrokona	131	Gaibandha	108
Chapai Nawabganj	230	Barguna	142	Sherpur	53	Kurigram	64
Naogaon	211	Patuakhali	117			Nilphamari	58
Sirajganj	204	Jhalokati	97			Thakurgaon	52
Natore	149					Lalmonirhat	29
Joypurhat	59					Panchagarh	16

During the reporting week 52, three (3) positive cases were identified at the designated points of entries if the country (2 from India and 1 from Lebanon). Out of individuals sent to Institutional Quarantine after passenger screening at HSA during the week **88.8%** (150/169) travelled from Libya, 11 from India, 3 from UK, 2 from USA and 1 each from Oman, UAE and Greece)

The map below is showing geographical distribution of incoming flights and travellers captured through PoE Surveillance, week 52 (21 – 27 DEC), 2020, Bangladesh



5. Case Management and Infection Prevention & Control

According to DGHS, as of 27 December 2020, there are **10,510** general beds in the country of which **31.2%** (3,284) in Dhaka city and **582** ICU of which **49.8%** (290) in Dhaka city dedicated for COVID-19 treatment. Presently **23.2%** of the general beds and **50.7%** ICU beds are occupied all over the country.

The table below is showing a temporal comparison of COVID-19 dedicated facilities, week 50 and week 52, 2020, Bangladesh

	National			Dhaka		
	27 DEC 2020	13 DEC 2020	Trend	27 DEC 2020	13 DEC 2020	Trend
General Beds	10,510	10,492	↑	3,284	3260	↑
Bed Occupancy	23.2%	28%	↓	47.8%	63%	↓
ICU	582	570	↑	290	288	↑
ICU Occupancy	50.7%	58%	↓	67.9%	81%	↓
Oxygen cylinder	13,516	13,183	↑			
High flow nasal cannula	678	667	↑			
Oxygen concentrator	639	613	↑			

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>