

**21st FNCA Ministerial Level Meeting
(MLM)-ONLINE
10 December 2020**

SS3-2

Country Report Bangladesh



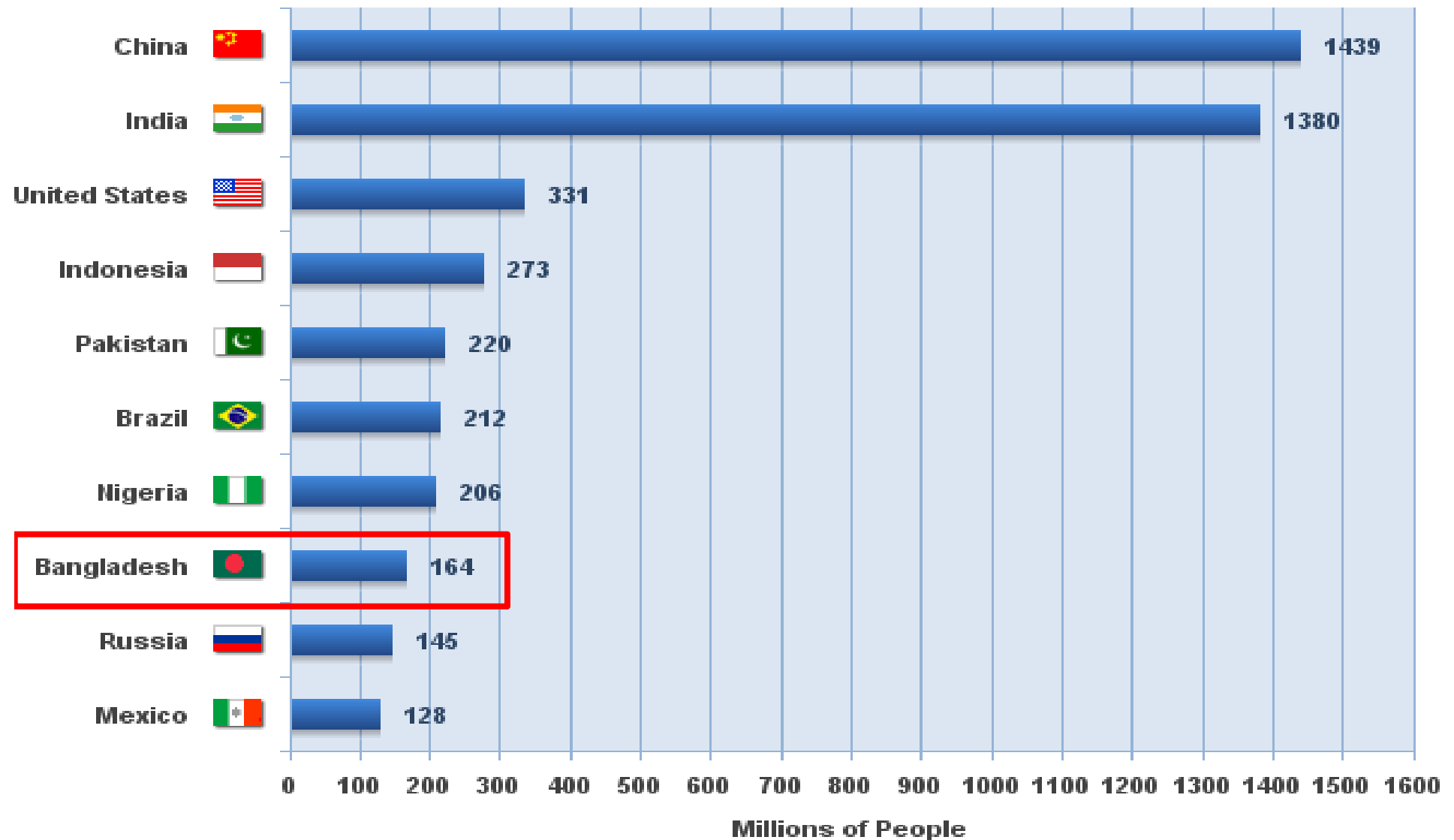
**Presented by
Prof. Dr. Md. Sanowar Hossain
Chairman
Bangladesh Atomic Energy
Commission**

Facts for COVID-19 in Bangladesh

- Confirmed first Covid-19 case on 8th March, 2020
- Bangladesh reported its first coronavirus death on 18th March, 2020
- General holiday(Lockdown) was declared by the Government from 26th March to 4th April which was later extended upto 30th May, 2020.
- Cases were confirmed in all 64 districts on May, 2020

10 Most Populated Countries in the World

Population in Millions - Year 2020

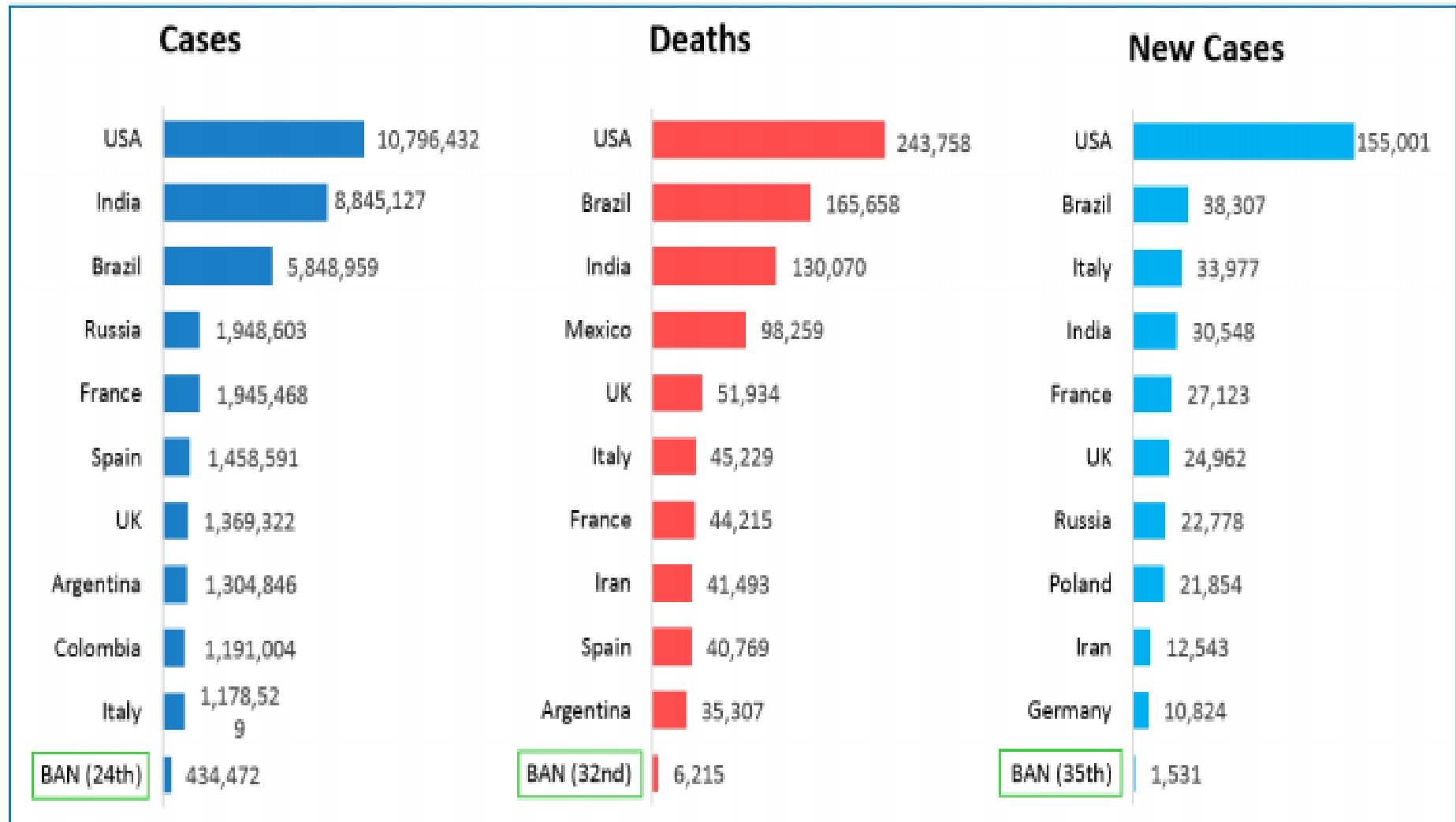


Source: Internet World Stats - www.internetworldstats.com/stats8.htm


7,796,615,710 world population estimated for June 30, 2020


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The figure below shows top ranked countries for total cases of confirmed COVID-19, deaths and new cases, 01 January – 16 November 2020




Latest Status in Bangladesh

New Infected	
24 Hour	Total
2212	436684
	

Death	
24 Hour	Total
39	6254
	

Cure	
24 Hour	Total
1749	352895
	

Test	
24 Hour	Total
15990	2572952
	

Latest Update: 17-11-2020 03:21 pm Source: DGHS

Role of the Atomic Energy Science and Technology to the social/medical well being under the pandemic

Continuing Nuclear Medicine Services

- Preparing the Nuclear Medicine departments with proper safeguard
- Preparing for personal protection
- Training of personnel of different categories
- Triage of patients
- Continuation of work with several persons being in Quarantine or Isolation due to COVID-19









- Routine SPECT-CT and ^{18}F FDG PET-CT examination incidentally revealed COVID-19 associated pulmonary findings which helped to suspect asymptomatic SARS- Cov2 infection.

Production of hand sanitizer by BAEC



Quick Response Team (COVID 19 QRT)

The COVID-19 Quick Response Team was formed by Bangladesh Atomic Energy Commission (BAEC) on 8th June, 2020 which comprised of 12 members including 8 NM doctors.



Quick Response Team (QRT)



Work description

- QRT members were involved to guide the Corona affected persons or suspected persons in BAEC
- Help to hospitalize patients with ambulance service
- Keep information about the patients and collect the medical forms
- Issue clearance certificate for joining in their work place after being COVID negative.

- **Interregional technical cooperation (TC) project, INT0098: “Strengthening Capabilities of Member States in Building, Strengthening and Restoring Capacities and Services in Case of Outbreaks, Emergencies and Disasters”.**

- Under this Project, IAEA will provide assistance in strengthening national capacities of designated laboratories in the fight against the COVID-19 pandemic by donating the diagnostic kits and equipment of nuclear-derived techniques for the detection and characterization of viruses in the country

National Institute of Nuclear Medicine and Allied Sciences (NINMAS) of Bangladesh Atomic Energy Commission (BAEC) will be the host institution for the Interregional TC Project and receive some laboratory equipments/instruments, reagents and accessories as donations mainly

- Real-Time RT-PCR Primers for COVID -19.
- Airstream® Class II Biosafety Cabinet and Airstream® Class III Biohazard Safety Cabinet
- Other accessories

**Thank you very much
for your attention**