

The COVID-19 Pandemic Situation in Bangladesh

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ABSTRACT

The COVID-19 has a serious effect on the human life worldwide. With the current global situation, this study analyzed and compared the present situation of COVID-19 active cases, death and recovery in Bangladesh with the different countries such as United States, Canada, Mexico, Italy, Spain, France, Germany, United Kingdom, Russia, India, Pakistan, South Korea, Turkey, Saudi Arabia, and Qatar. The study was carried out from 8 March to 19 June 2020 to observe the response of Bangladesh towards the COVID-19 pandemic. The data were collected from Institute of Epidemiology, Disease Control and Research (IEDCR), Directorate General of Health Services (DGHS), Ministry of Health and Family Welfare (MoHFW), different newspapers and online news portals. Up to 19 June, total tests, infection, recovery and death were 550567, 100703, 26005 and 1355, respectively. The positive correlation was found between infestation with the recovery and death of people ($R^2=0.4804$ and 0.3159 ; 0.7242 and 0.4902 ; 0.4432 and 0.3449 , $p<0.05$) in April to June 2020. The total infestation, recovery, and death in Bangladesh were less than the selected countries for comparison. Daily mortality percentage rate was less than 1% where the month-wise mortality rate was 12.24488%, 2.0678%, 1.3073%, and 1.2658% in March, April, May, and 19 June 2020, respectively. The mortality rate of Bangladesh was also lower than the other selected countries. Month-wise recovery rate was 51.0204%, 1.6834%, 21.3574%, and 31.5782% in March, April, May, and June 2020, respectively. Taking all these into account, health protection awareness and the government's initiative in training and monitoring rural areas to minimize COVID-19 infestation in Bangladesh should be in place.

Keywords: Bangladesh, COVID-19, infection rate, recovery rate, death rate