


# CORONAVIRUS COVID-19: CURRENT SITUATION IN NIGERIA

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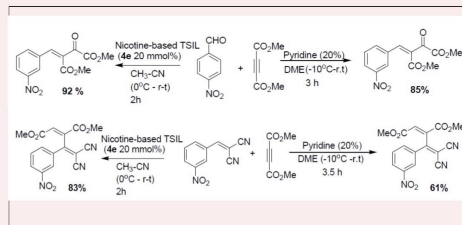
## JOURNAL OF ONGOING CHEMICAL RESEARCH

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A tidy laboratory  
means a lazy chemist.  
— Jöns Jacob Berzelius (Swedish  
chemist, 1779-1848)



Volume 1, Issue 1, 2012, pages 1-61



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JOURNAL OF ONGOING CHEMICAL RESEARCH

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## Coronavirus COVID-19: Current Situation in Nigeria

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### Abstract

The number of cases of the COVID-19 being reported daily in Nigeria has risen slowly however, no study has been undertaken to evaluate the situation of the COVID-19 Confirmed cases, death cases, and Recovered cases. The contemporary study is undertaken to describes the COVID-19 current situation in Nigeria ranging from Confirmed cases, death cases and Recovered Cases from the period 27 February 2020 to 5 April 2020 in Nigeria. The study findings revealed that there is a daily increase of COVID-19 cases, few numbers of recovered and death cases during the period 27 February to 5 April 2020 in Nigeria.

**Keywords:** Nigeria, Coronavirus, Pandemic, Covid-19, Pandemic Update

### What is COVID-19?

The 2019 novel coronavirus is currently named severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2) while the illness-related with it is referred to as COVID-19. SARS-CoV-2 was discovered in China toward the finish of 2019 and is another strain of coronavirus that has not been recently recognized in people (European Center for Disease Prevention and Control [ECDC], 2020).

During the long stretch of December in the time of 2019 (Wuhan City Health Committee, 2019) instructions on the flow COVID-19 expressed that a few establishments found that a significant number of the pneumonia cases got were identified with South China Seafood City. From that report, the Municipal Health and Health Commission rapidly starting the pursuit concerning South China Seafood City where twenty-seven cases were found, of which seven were in genuine condition while the rest of the cases discovered steady and controllable (Wuhan City Health Committee, 2019). On 9 January 2020, the China Government authoritatively detailed the flare-up of COVID-19 to the open where the underlying cases were found at the Wuhan City. ECDC (2020, pg.1) detailed that, "On 9 January 2020, China CDC revealed that a novel coronavirus (SARS-CoV-2) had been recognized as the causative specialist for 15 of the 59 pneumonia cases. Nigeria, lamentably, affirmed its first case on 27th February 2020. From that point forward, we have seen the quantity of affirmed cases rise gradually.

On 10 January 2020, the main novel coronavirus genome sequence was made openly accessible. The succession was kept in the GenBank database (accession number MN908947) and was transferred to the Global Initiative on Sharing All Influenza Data (GISAID). Primer examination indicated that the novel coronavirus (SARS-CoV-2) clusters with the SARSrelated CoV clade and contrasts from the center genome of known bat CoVs (Guangxi University Report, 2020.pg1).

The Nigeria Government has taken a few genuine measures to battle against the COVID-19 spreading including boycott for the open get-together, assembling more Nigeria Center for Disease Control especially, for the COVID-19 contaminated patients, giving vital clinical materials, for example, marks, temperature thermometers, giving free clinical to the COVID-19 patient, setting up team committee for the COVID - 19, Campaigning for social separating and remain at home order, closure of borders and air terminals and as of late the Nigeria authority lockdown three states as a feature of the measures to forestall the pandemic COVID-19. The ramifications of the examination will be to the Medical wellbeing study, financial matters study and generally imperative to the Nigerian study. New coronavirus cases rise gradually as of late, yet World Health authorities forewarned people in general against adding an excessive amount to those numbers. The flare-up could in any case deteriorate, World Health Organization authorities said "The flare-up could, in any case, go toward any path," Tedros Adhanom Ghebreyesus, Director-General of WHO, cautioned at newsgathering at the office's

central station in Geneva. The easing back number of new cases "must be deciphered with extraordinary alert" (Lovelace, 2020).

### LITERATURE REVIEW

Literature evidence shows that the original source of the COVID-19 is from the animal and recently the virus is spreading from human to human (ECDC, 2020). Recently, there are no sensible realities to recognize how effectively infections are transmitted from individual to individual. In any case, the infection fundamentally transmitted through respiratory droplets that people sneeze, cough or breathe out. The brooding time frame for COVID-19 (for example the time between presentation to the infection and beginning of manifestations) is right now evaluated at somewhere in the range of 2 and 14 days. At this stage, we realize that the infection can be transmitted when those contaminated show (influenza-like) indications.

### SYMPTOMS OF COVID-19

The recent evidence shows that the fundamental symptoms of the COVID-19 is where the virus can cause mild, flu-like symptoms such as fever, cough, difficulty breathing, pain in the muscles and tiredness (ECDC, 2020). More serious cases develop severe pneumonia, acute respiratory distress syndrome, sepsis and septic shock that can lead to the death of the patient. People with existing chronic conditions seem to be more vulnerable to severe illness.

### HOW TO PROTECT YOURSELF FROM COVID-19

From the current truth that the infection is spread among individuals, clinical specialists prescribe wearing a mask for consistent developments especially the minute you move outside from your home to where you are going, you will fundamentally meet others. Because of the way that the infection is spread from human to human, especially, from the contaminated individual to another, it is fitting to maintain a strategic distance from physical contact with people with hack manifestations. Since the proof shows that the birthplace of the infection is from the creatures, it is prudent to circumvent visiting places where creatures are continued, staying away from physical contact with any sort of creature, their discharges or droppings. Notwithstanding that, it is prescribed to adhere to and comply with the general principles in regards to hand cleanliness and nourishment cleanliness. That implies, wash your hands with cleanser and water or utilize a liquor based disinfectant

arrangement before eating, in the wake of utilizing the can and after any contact with a creature

### FACTS ABOUT THE VACCINE AGAINST THE COVID-19

There are currently no vaccines against coronaviruses, including SARS-CoV-2. This is why it is very important to prevent infection or contain further spread of infection (Holmes, 2020). The development of vaccines takes time. Several pharmaceutical companies are working on vaccine candidates (different kinds of vaccines). It will, however, take months before any vaccine can be widely used as it needs to undergo extensive testing to determine its safety and efficacy (ECDC, 2020).

### RESULTS

The result was analyzed using descriptive statistics to represent data obtained on bar charts, pie charts, and column chat.

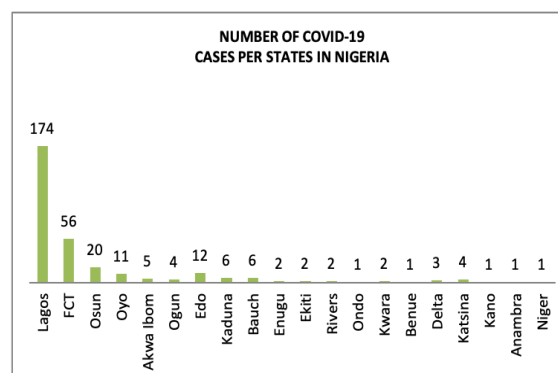


Figure 1. Number of COVID-19 cases in Nigeria

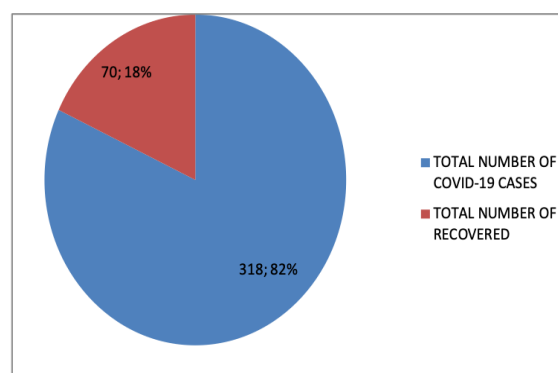
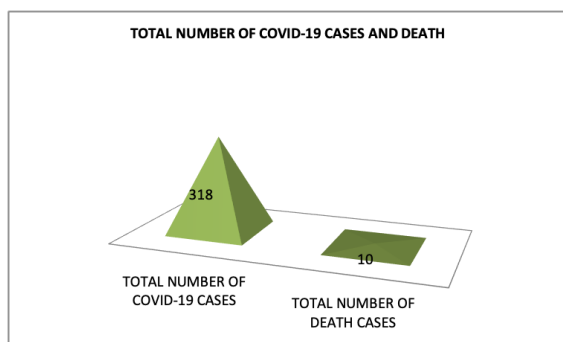
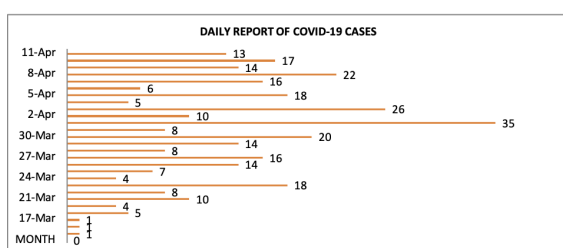


Figure 2. Total number of COVID-19 cases and total number of recovered patients in Nigeria



**Figure 3.** Total number of COVID-19 cases and the total number of death in Nigeria



**Figure 4.** Daily report of COVID-19 cases in Nigeria

## CONCLUSION

The contemporary study was undertaken to describes the COVID-19 current situation in Nigeria ranging from Confirmed cases, death cases and Recovered Cases from the period 27 February 2020 to 5 April 2020 in Nigeria. The study revealed that the number of COVID-19 cases in Nigeria risen slowly followed by a gradual number of recovered cases and few numbers of death cases.

## RECOMMENDATION

Further research should be carried out to find out the cure and vaccine of the COVID-19 cases.

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