

A Review on Coronavirus (COVID-19) Impact on the Public

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Abstract

The COVID-19 (Corona Virus Disease-2019) approach is a corona virus infection of a severe respiratory disease completed in China, which caused a global outbreak before the end of 2019 and was declared by the WHO on January 30, 2020 Global health crisis. As of 2020, April 26th, data from the World Health Organization show that in 210 countries around the world, more than 2,971,539 confirmed cases have been reported, including 205,942 deaths and recovered 873,868. When an infected person coughs or sneezes, it spreads mainly through droplets of saliva or through the nose to spread from person to person. The incubation period of infection is 2-14 days, Patients with pneumonia caused by novel corona virus pneumonia. The basic reproduction number is 2.24-3.58.

Keywords: Covid-19, Syndrome, WHO, World Economic Forum.

1. Introduction

After COVID-19 infection began in Wuhan, China, it began to spread rapidly in China and many other countries. As of April 26th, 2020, data from the WHO show that in 210 countries around the world, more than 2,971,539 confirmed cases have been reported, including 205,942 deaths and recovered 873,868 have been reported.

According to the definition of the WHO, "Coronavirus disease (COVID-19) is a new type of infectious disease caused by newly discovered coronavirus." Most infected people will Experience mild or moderate respiratory diseases without any special treatment, Rehabilitation. The older people or healthy people, Due to COVID-19, heart-related problems, high blood pressure or breathing problems may cause serious illness.

Although, according to earlier reports, most cases of infection are transmitted between animals and people. However, later research has shown that infections are spread from person to person [3] [4]

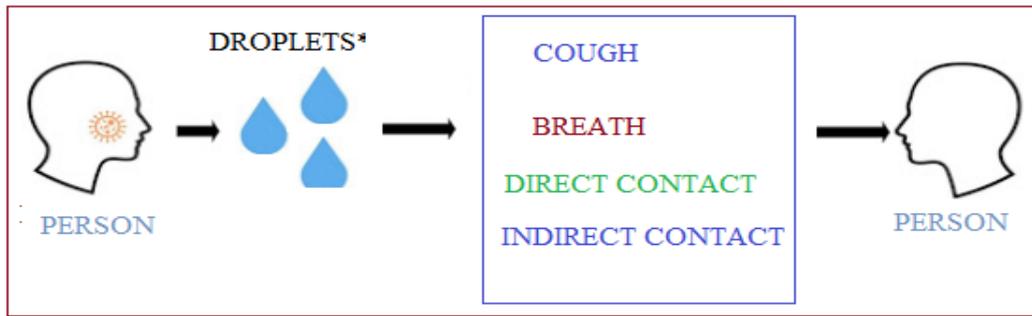


Fig.1. Person to Person of COVID-19

2. To Prevent the Spread of Covid-19

- Keep a safe distance from people who cough or sneeze.
- Do not touch your eyes, nose or mouth.
- If you feel unwell, please stay at home
- Avoid unnecessary travel and avoid large group gatherings.
- Please follow the instructions of the local health department.
- People must regularly wash their hands with soap or using a sanitizer

3. Comparative Analysis

In 2003, China was infected with SARS (Severe Acute Respiratory Syndrome) in Guangdong Province. The virus was subsequently identified as a group of coronaviruses and then named SARS-CoV [7][8]. People infected with it show symptoms such as pneumonia. Although SARS appears in China, it has spread more than 8,000 infected people worldwide.

In 2012, some Saudis were diagnosed with another coronavirus, which was later confirmed as a group of coronaviruses and named Middle East Respiratory Syndrome (MERS). According to the WHO, 2,428 people were infected and 838 of them died. Similar to SARS, people infected with MERS also have pneumonia.

In the most recent 2019, the Chinese government informed WHO of several cases of pneumonia with unknown etiology. The outbreak began in a city called Wuhan, which infected more than 50 people. On January 12, 2020, the Chinese National Health Commission provided more information about the epidemic. Based on further analysis of the affected patients, the virus was subsequently identified as a new coronavirus

It was initially suggested that the infection was caused by animals in the seafood market in Wuhan. However, later research showed that some infected people had never been to the seafood market. These observations indicate that the virus spread from person to person, and were later reported in more than 210 counties till date.

4. The Actual Analysis of Coronavirus

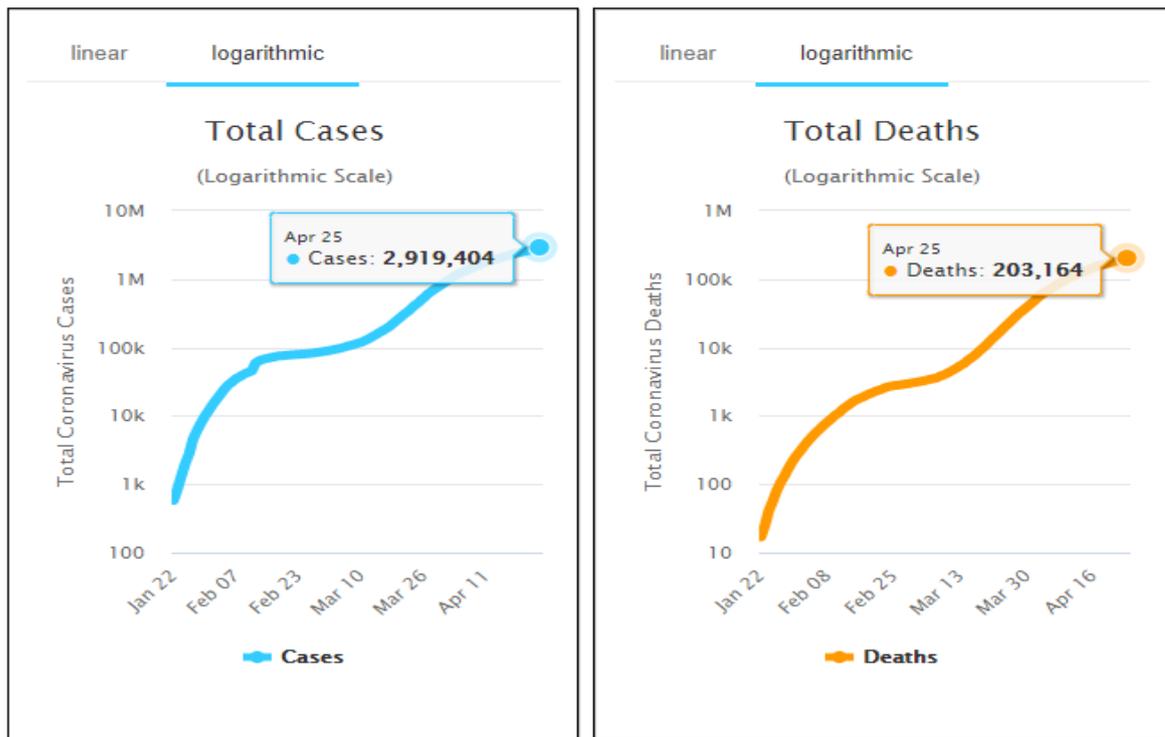
According to the WHO, as of 26th, April, 2020, the following facts were determined in different countries of the world.

In China, 84,338 confirmed cases, 14 new cases, and 4642 deaths have been reported. Italy followed China with 195,359 confirmed cases, 2,357 new cases, and 26,384 new deaths 415.

There were 899281 confirmed cases in the United States, 38509 new cases, 46204 deaths, and 2151 new deaths. As of April 26th, 2020, India has reported a total of 26496 cases, 1990 new cases, deaths 824 new deaths 49.

Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Srious,Critical Cases	Total Cases/1M pop	Deaths/1M Pop	Total Tests	Tests/1M Pop
USA	975,798	15,147	54,941	685	118,633	802,224	15,116	2,948	166	5,381,140	16,25
Spain	226,629	2,870	23,190	288	117,727	85,712	7,764	4,847	496	930,230	19,896
Italy	197,675	2,324	26,644	260	64,928	106,103	2,009	3,269	441	1,757,659	29,071
France	162,100	612	22,856	242	44,903	94,341	4,682	2,483	350	463,662	7,103
Germany	157,120	607	5,896	19	112,000	39,224	2,570	1,875	70	2,072,669	24,738
UK	152,840	4,463	20,732	413	N/A	131,764	1,559	2,251	305	669,850	9,867
Turkey	110,130	2,357	2,805	99	29,140	78,185	1,776	1,306	33	898,742	10,656
Iran	90,481	1,153	5,710	60	69,657	15,114	3,079	1,077	68	421,313	5,016
China	82,827	11	4,632		77,394	801	51	58	3		
India	26,917	634	826	1	5,939	20,152		20	0.6	625,309	453

Table shows: Mostly effected COVID-19 cases and deaths. Data as of 26th April 2020 Various Countries ^[5]



Above charts shows Data as of 26th April 2020^[9]

Coronavirus Cases	2,972,548
Deaths	205,957
Recovered	873,878

Table 2 shows Coronavirus Cases in Worldwide till the date 26th April 2020^[9]

5. Effective Measures Taken By the Indian Ministry of Health

Although the country has a population of more than 1.3 billion and is the second most populous country in the world. Immediate action was taken to restrict travel by suspending visas and segregating travelers, which helps. All the international passengers who entered India have undergone a national health check. “According to health officials, till now, more than 1 million passengers have been restricted from being inspected at the airport to restrict access to COVID-19 [5]”.

The Indian government has ensured that hundreds of Indians returned to India from other countries (such as China, Iran, etc.) safely. The government of India and the head of community development in India, India and South Asia have taken decisive measures to try to curb the spread, **World Economic Forum**.

"Although these measures will have a short-term impact on the economy, they will ensure the safety and welfare of the Indians."

A “new coronavirus” landing page has been created on the Ministry of Health website to indicate the number of help lines and detailed instructions. These actions have been praised by the World Health Organization (WHO), which helps the world deal with the virus.

The Indian government responded quickly by advising residents to avoid or postpone all mass gatherings until the virus is localized. The Indian Ministry of Foreign Affairs has postponed the cricket league, and national authorities are closing all schools, colleges, gymnasiums and swimming pools in the most affected areas. WHO [4] rated this response “impressive”.

6. Conclusion

SARS-CoV-2 is a new virus responsible for an outbreak of respiratory illness known as COVID-19, which has spread to several countries around the world [6]. Treat patients separately according to differentiation syndrome. Prevention before illness is better than treatment after illness. Suspected and confirmed cases must be treated in specialized hospitals with effective isolation and protection conditions. Suspected cases should be handled separately in a room, confirmed cases will be sent to a ward, and severe cases should be reported to the intensive care unit as soon as possible. We need to consider the above facts to reduce spreading the corona virus in the public.

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