

## ADVISORY

### Novel Coronavirus Outbreak in Wuhan City, Hubei Province, China

Coronaviruses are types of viruses that typically affect the respiratory tract of mammals, including humans. They are associated with the common cold, pneumonia, MERS and severe acute respiratory syndrome (SARS) and can also affect the gut. Human coronaviruses (HCoV) were first identified in the 1960s in the noses of patients with the common cold. Among humans, infection most often occurs during the winter months as well as early spring.

Chinese Health Authorities, on 31<sup>st</sup> December 2019, informed WHO China Country Office about cases of pneumonia of unknown etiology reported from Wuhan City, China. As of 5<sup>th</sup> January 2020 59 cases of viral pneumonia with unexplained diagnosis have been detected with one death. Onset of earliest first case was 12th December 2009. This new virus was temporarily named "2019-nCoV."

The World Health Organization has declared the 2019-nCoV outbreak as Public Health Emergency of International Concern (PHEIC) on 30<sup>th</sup> January 2020. As on 05<sup>th</sup> February 2020, 2019-nCoV has been confirmed in 28 territories with 24,557 confirmed cases out of which 24,327 are reported from Mainland China. A total of 492 deaths have been reported from China and one from Philippines and Hong Kong each. Three confirmed cases are reported from Kerala State, India. The details of affected countries with confirmed cases have been attached.

The Clinical sign and symptoms are mainly fever, with few patients having difficulty in breathing, cough, running nose (cold) and chest radiographs showing lesions of both lungs. Human coronaviruses most commonly spread from an infected person to others through

- The air by coughing and sneezing
- Close personal contact, such as touching or shaking hands
- Touching an object or surface with the virus on it, then touching your mouth, nose, or eyes before washing your hands
- Rarely, fecal contamination

Recommendations for General Public:

- Regular hand washing,
- Covering mouth and nose when coughing and sneezing,
- Thoroughly cooking meat and eggs
- Avoid close contact with anyone showing symptoms of respiratory illness such as coughing and sneezing

The Rajiv Gandhi Institute of Chest Diseases, Bengaluru and Wenlock Hospital, Mangaluru are identified hospitals for the isolation and treatment of Suspected or confirmed cases. Also an isolation ward with 5 beds has been identified at Jayanagar GH, and ED Hospital, Bengaluru. Each District Hospital has an identified isolation ward for nCoV with minimum of 5 beds.

The Ministry of Health and Family Welfare, GoI has issued a circular to all the APHOs, PHOs and LHUs to screen all the travellers from travelling from China, Hong Kong, Thailand, Singapore and other affected countries through thermal scanner. As the in case of symptoms suggestive to respiratory illness either during or after travel, the travellers are encouraged to seek medical attention and share travel history with their health care provider.

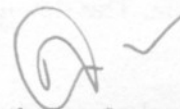
The travellers with a history of visit to Wuhan City, China after 15<sup>th</sup> January 2020, a sample has to be drawn and tested for nCoV irrespective of their symptoms (Symptomatic or asymptomatic) and has to be isolated.

The travellers with history of visit to China & arrived at India after 15<sup>th</sup> January 2020 and developed symptoms of Cough, Cold, running nose, fever with or without breathing difficulty are instructed to give the samples for testing of nCoV with consultation to nearest public health Facility.

Also, travellers from other corona affected countries if asymptomatic (after 15<sup>th</sup> January 2020) are not advised for testing or isolation. The sample testing is advised for symptomatics with history of visit to affected countries. The travellers with symptoms and are negative for nCoV are to be house quarantined for 28 days.

Contact **104 Aarogya Sahayavani** (A toll free number) and department contact No.: 080-22208541, 22374658 or Email on: [ssuidspbanglore@gmail.com](mailto:ssuidspbanglore@gmail.com) OR [ddssu-hfws@karnataka.gov.in](mailto:ddssu-hfws@karnataka.gov.in) for further guidance.

The Spokes Person for the nCov, china 2019 is Dr. Prakashkumar B. G., Joint Director- Communicable Diseases, D&FWs, Bengaluru.



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2019–20 nCoV outbreak by country<sup>[54]</sup>

Country or region	Confirmed	Deaths
 Mainland China	24,324	490
 Japan	33	0
 Thailand	25	0
 Singapore	24	0
 Hong Kong	18	1
 South Korea	18	0
 Australia	13	0
 Germany	12	0
 Taiwan	11	0
 United States	11	0
 Macau	10	0
 Malaysia	10	0
 Vietnam	10	0
 France	6	0
 Canada	5	0
 United Arab Emirates	5	0
 India	3	0
 Italy	2	0
 Philippines	2	1
 Russia	2	0
 United Kingdom	2	0
 Belgium	1	0
 Cambodia	1	0
 Finland	1	0
 Nepal	1	0
 Spain	1	0
 Sri Lanka	1	0
 Sweden	1	0
<b>28 territories</b>	<b>24,553</b>	<b>492</b>