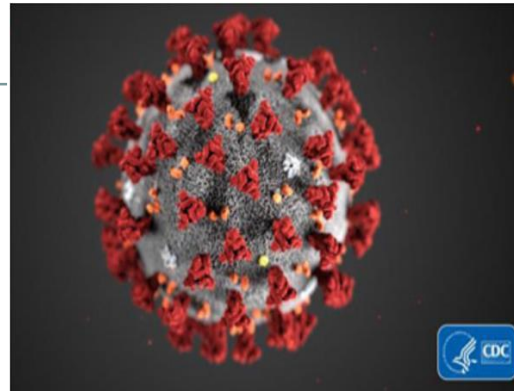


COVID-19



Oklahoma State Department of Health



Epidemiology



- **Transmission:**
 - Respiratory secretions & droplets
 - Asymptomatic transmission still under evaluation
- **Incubation:**
 - ~ 2 to 7 days [up to 14 days]
- **Prevention:**
 - avoid non-essential travel; infection control; respiratory etiquette
- **Treatment:**
 - supportive care



Clinical Presentation



- **Symptoms:**

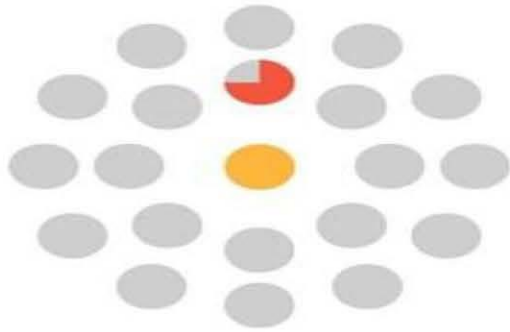
- Common: fever (83-98%), cough (76-82%), myalgia or fatigue (11-44%), sore throat early in course
- Fever may be prolonged and intermittent
- Acute respiratory distress syndrome: 17-29% of hospitalized patients
- Secondary infections: 10%
- Case fatality among hospitalized patients with pneumonia: 11-15%
- **80% of persons whom become sick will recover at home.**

- **Risk Factors:**

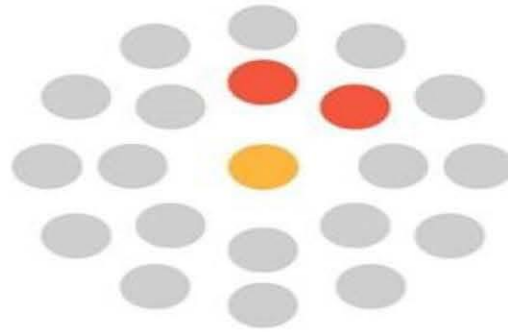
- Older adults, persons with chronic medical conditions, and immunosuppressive conditions are at higher risk for severe illness



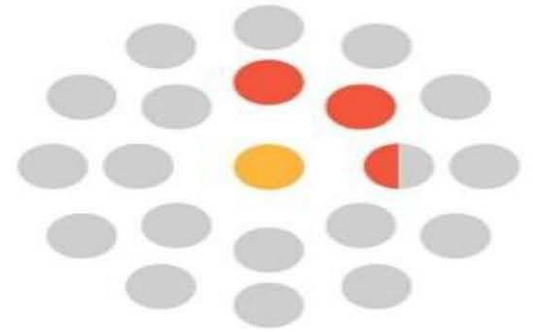
MERS



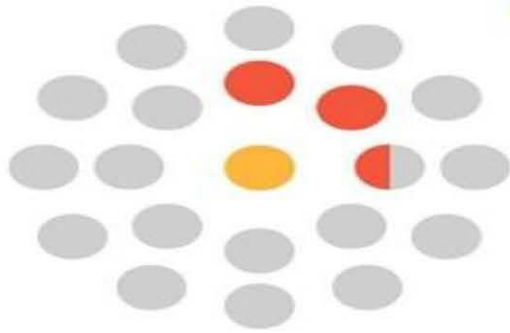
Ebola



Influenza

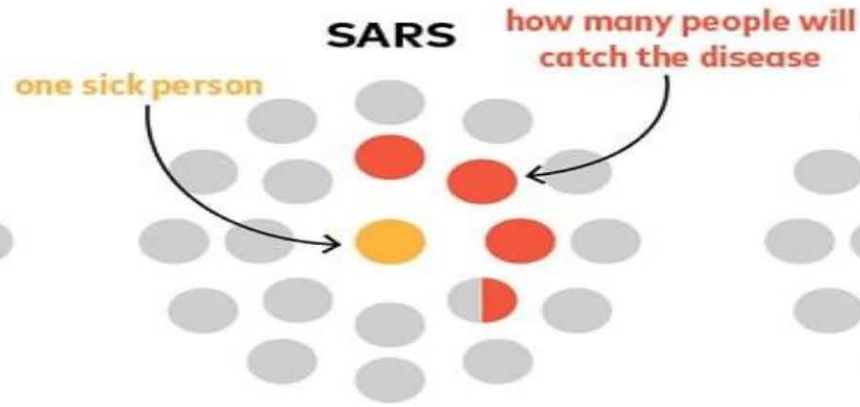


COVID-19

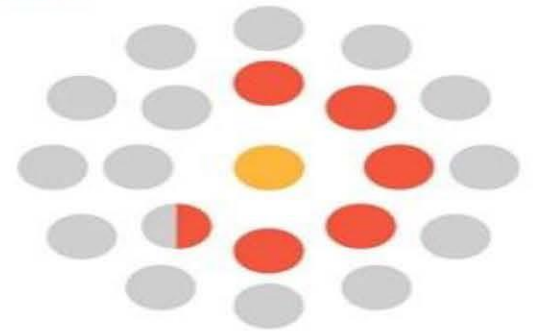


(estimate as of mid-February)

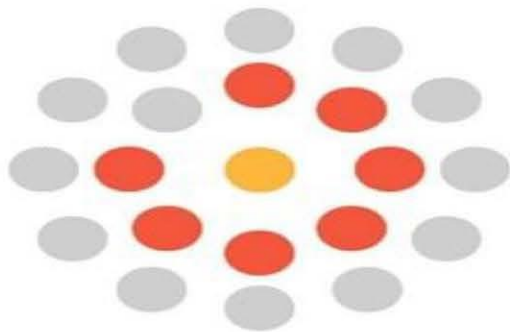
SARS



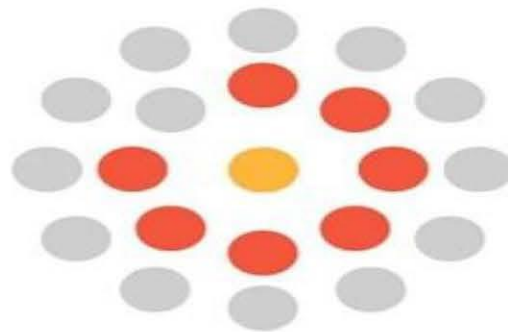
Mumps



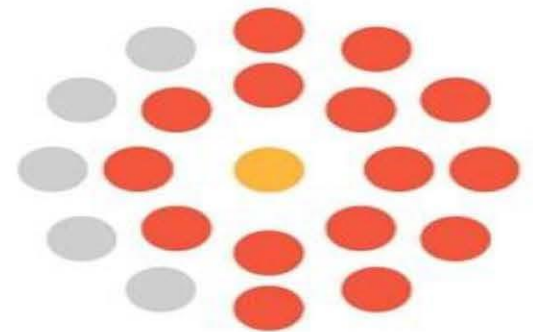
Rubella



Smallpox



Measles



Introduction of 2019-nCoV in China



- December 31, 2019 - Chinese officials reported a cluster of cases of acute respiratory illness in persons associated with the Hunan seafood and animal market in the city of Wuhan, Hubei Province, in central China.
- January 7, 2020 – Chinese health officials confirmed that a novel coronavirus (2019-nCoV) was associated with this initial cluster.
- January 24 – Travel bans began to be instituted by the Chinese government, resulting in restricted travel in and out of Hubei Province.
- However, transmission continues throughout China and to other countries.



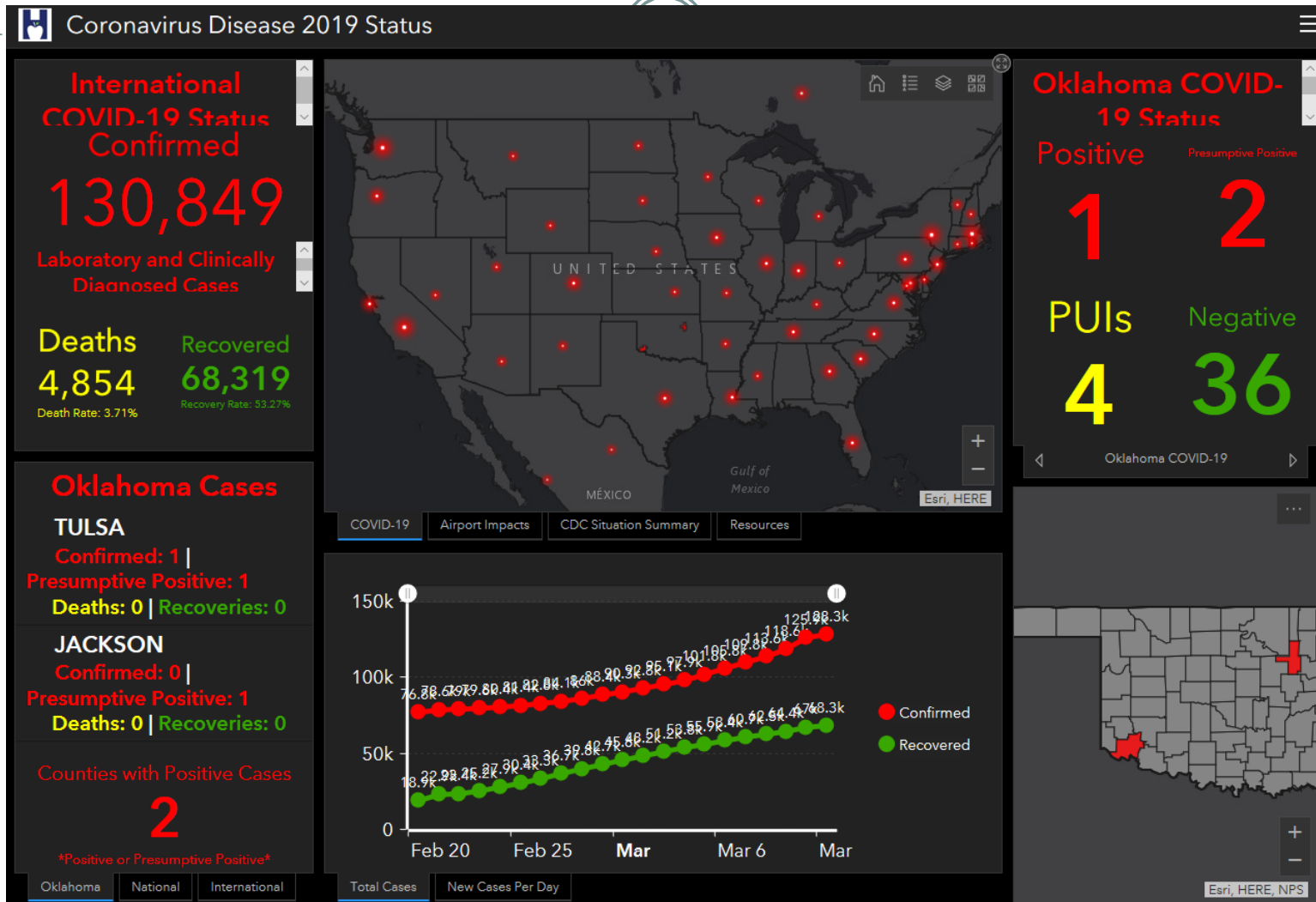
COVID-19 in the World



- On February 11, 2020 the World Health Organization announced an official name for the disease that is causing the current outbreak of coronavirus disease, COVID-19.
- **As of March 12th, 2020 Globally 118,322 confirmed cases and 4292 Deaths**
 - High Incidence Countries with Ongoing Transmission
 - ✦ Mainland China
 - ✦ South Korea
 - ✦ Iran



Distribution of COVID-19 Cases



tinyurl.com/osdhcovid19

COVID-19 Enters the U.S.



- On January 31st, first case of COVID-19 identified in the U.S. in Washington state.

COVID-19 U.S. at a Glance As of March 12, 2020

- Total cases 1,215
- Total deaths 36
- Jurisdictions reporting cases 43 (42 states and District of Columbia)
- On March 6th, first case of COVID-19 identified in Oklahoma in Tulsa county.
- Oklahoma currently (3/12/2020) has 1 confirmed, 2 presumptive cases of COVID-19



Response Efforts to Date



- Health Alert Notifications to Providers
- OSDH Website COVID-19 Page
- Public Information/Media Communications
- Returning Traveler Monitoring
- Emergency Operations Center – Level 2 Activation
- Coordination with Tulsa Health Department on investigation of 1st case in Oklahoma



Response Efforts to Date



- **Epidemiologist-on-Call Consultations**
 - Guidance for clinicians and healthcare facilities
 - Addressing questions from businesses and industry
 - Notification of Persons Under Investigation (PUI)
- **Public Health Laboratory**
 - Specimen shipment to CDC
 - Testing started on March 6th
- **Public Health and Medical System Partner Coordination**
 - Regional Medical Response System
 - County Health Departments
 - Policy Advisory Group
 - Health Care Coalition
 - Oklahoma Department of Emergency Management (OEM)



Mitigation Actions



- Contact tracing to identify and monitor exposed individuals
- Isolation, quarantine, and movement restrictions enforced for exposed contacts to limit continued spread
- Surge management of impacted healthcare facilities, state agency, and local institutions
- Assessment and consideration of community mitigation strategies of impacted communities
- Enhanced public information/coordinated messaging



Institutions of Higher Learning



- CDC interim guidance to plan, prepare, and respond to COVID-19
 - <https://www.cdc.gov/coronavirus/2019-ncov/community/guidance-ihe-response.html>
 - OSDH adding guidance and will be distributing to colleges and universities
- Review, update, and implement emergency operations plans
 - Focus on large-scale infectious disease outbreak events



Institutions of Higher Learning



- Monitor for absenteeism
- Establish procedures for students, staff, and faculty who are sick on campus
- Perform routine environmental cleaning
- Prepare to share information to higher learning community
- Monitor travel advisories and consider cancelling or postponing international travel to outbreak-affected countries



K-12 and Childcare Programs



- CDC interim guidance to plan, prepare, and respond to COVID-19
 - <https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/guidance-for-schools.html>
 - OSDH adding guidance for K-12 schools
- Review, update, and implement emergency operations plans
 - Focus on large-scale infectious disease outbreak events



K-12 and Childcare Programs



- Monitor and plan for absenteeism
- Establish procedures for students and staff who are sick at school
- Perform routine environmental cleaning
- Prepare to share information to higher learning community
- Create communications plan for use with the school community
- Review guidance for businesses and employers



Businesses and Employers



- CDC interim guidance to plan, prepare, and respond to COVID-19
 - <https://www.cdc.gov/coronavirus/2019-ncov/community/guidance-business-response.html>
 - OSDH adding guidance for businesses
- Review, update, and implement emergency operations plans
 - Focus on large-scale infectious disease outbreak events



Businesses and Employers



- Actively encourage sick employees to stay home
- Separate sick employees
- Emphasize staying home when sick, respiratory etiquette and hand hygiene by all employees
- Perform routine environmental cleaning
- Advise employees before traveling to take certain steps
- Additional Measures in Response to Currently Occurring Sporadic Importations of COVID-19



Response to confirmed case of COVID-19



- **State and local public health officials will notify institution leadership of an affiliated case**
 - Public health will conduct the investigation and work with school, university, or business on communications and response

- **Possible community mitigation actions**
 - Suspension of classes and events
 - Message social distancing measures
 - Prepared for continuity of safe housing, meals, distance learning



Resources for accurate Information



- WWW.CDC.GOV
- WWW.Health.ok.gov
- [Email your questions and concerns to: commissioner@health.ok.gov](mailto:commissioner@health.ok.gov)

Oklahoma State Department of Health

**Coronavirus
Call Center**

877-215-8336

coronavirus.health.ok.gov

Please check website for Call Center hours.

