

COVID-19 (disease) SARS-CoV-2 (virus)

Guam Department of Public Health and
Social Services

*Disclaimer: This is a rapidly evolving situation.
Information and guidance are constantly changing.
Information presented in these slides may already be
out-of-date.*

*For the most reliable and up-to-date information on the
outbreak, please go to [CDC.gov](https://www.cdc.gov)*

As 3/4/20

Source and Spread

- **Coronaviruses:** large family of viruses common in people and different species of animals. 4 coronaviruses are frequent causes of the common cold in humans.
- **Source:** Rarely, animal coronaviruses can infect people and then spread between people such as with MERS-CoV, SARS-CoV, and now with this new virus (named SARS-CoV-2).
- **SARS-CoV-2** virus is a betacoronavirus, like MERS-CoV and SARS-CoV. All have origins in bats.
- Early link to a large seafood and live animal market suggesting animal-to-person spread.
- Later, Person-to-person spread was subsequently identified in China and elsewhere.



Coronavirus COVID-19 Global Cases by Johns Hopkins CSSE



Total Confirmed

92,315

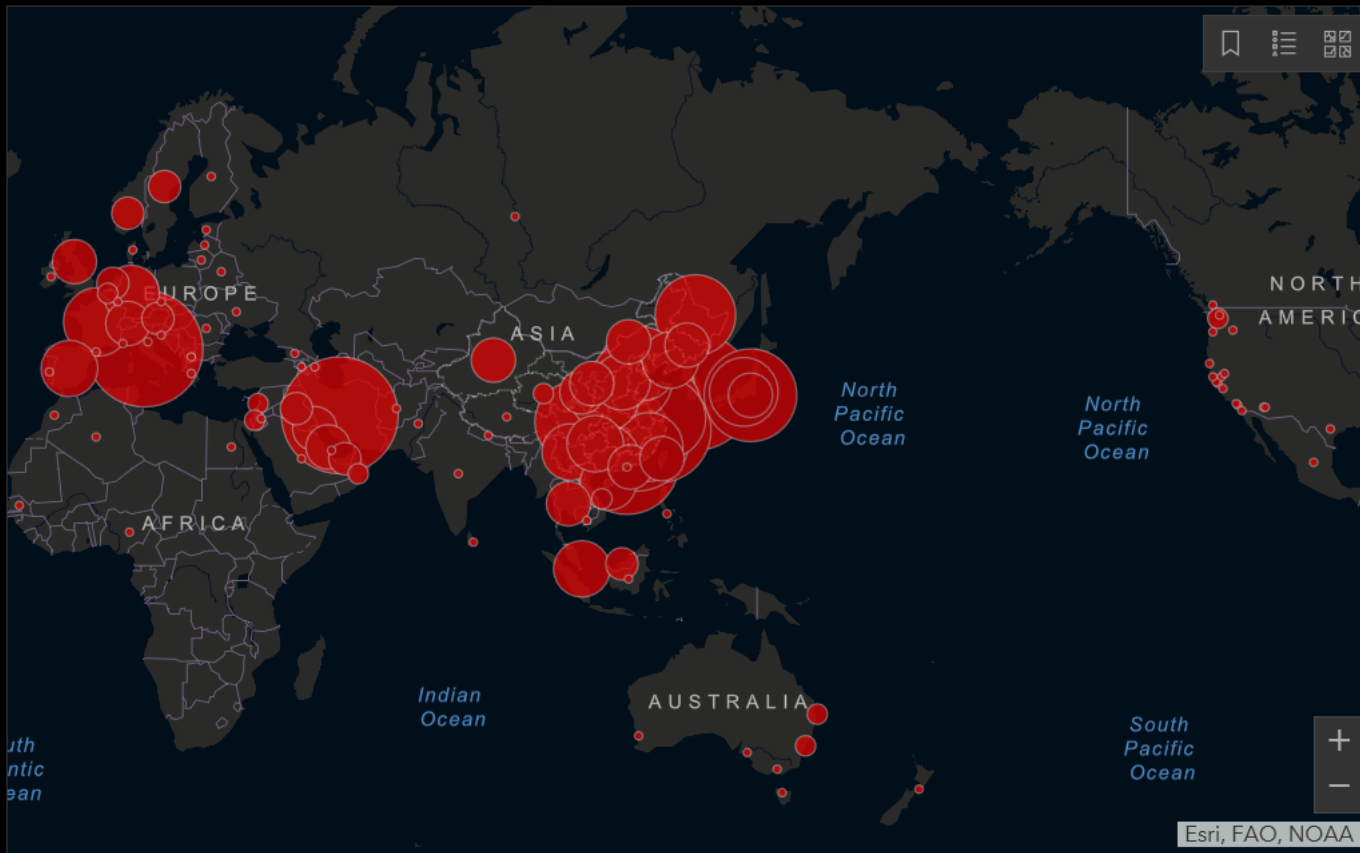
Confirmed Cases by
Country/Region

80,151 Mainland China
5,186 South Korea
2,336 Iran
2,036 Italy
706 Others
283 Japan
204 France
188 Germany
153 Spain
110 Singapore
108 US
100 Hong Kong

Country/Region

Last Updated at (M/D/YYYY)

3/4/2020, 4:33:02 AM



Cumulative Confirmed Cases

Existing Cases

Lancet Inf Dis Article: [Here](#). Mobile Version: [Here](#). Visualization: JHU CSSE. Automation Support: [Esri Living Atlas team](#) and [DataAB](#). Sources: [WHO](#), [CDC](#), [ECDC](#), [NHC](#) and [DXY](#). Read more in this [blog](#). [Contact US](#).
Downloadable database: GitHub: [Here](#). Feature layer: [Here](#).
Point level: City level - US, Canada and Australia; Province level - China; Country level - other countries.

Total Deaths

3,131

2,835 deaths

Hubei Mainland China

77 deaths

Iran

52 deaths

Italy

28 deaths

South Korea

22 deaths

Henan Mainland China

13 deaths

Heilongjiang Mainland China

8 deaths

Total Recovered

48,190

36,208 recovered

Hubei Mainland China

1,231 recovered

Henan Mainland China

1,101 recovered

Guangdong Mainland China

1,093 recovered

Zhejiang Mainland China

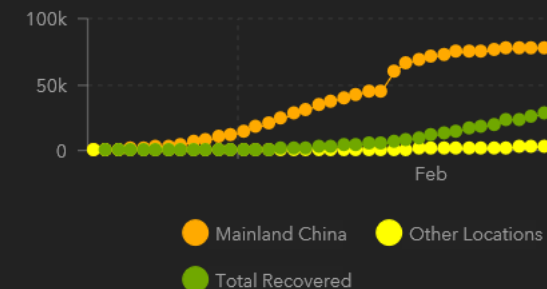
936 recovered

Anhui Mainland China

906 recovered

Hunan Mainland China

870 recovered



Actual

Logarithmic

Daily Cases

Planning considerations

1. **Spread is likely on Guam:**
 - *Based on how it has spread globally despite travel bans and screening*
2. **Older people with co-morbidities at highest risk for severe disease and death:**
 - *Consider age/condition of workforce/responders in contact with patients*
3. **Healthcare facilities are at risk:**
 - *'Amplification' due to aerosol generating procedures*
4. **Healthcare workers are at risk:**
 - *Frequent exposures and PPE required for managing patients*
5. **Major Global PPE shortage:**
 - *Plan that our current PPE stock on Guam, is all we'll have- don't waste it*
6. **External help will not be available:**
 - *Off-island medical surge teams will not be available (dealing with own local emergencies)*
7. **Currently there is no specific treatment or vaccine**
 - *Not all cases need to be seen by a provider (different from flu)*
8. **Worse case scenario may require 'crisis-level of care' versus 'standard-level of care'**
 - *How do we plan to do our 'best' when the situation prohibits perfection*