



SUPPORT



TRUST



UNITY

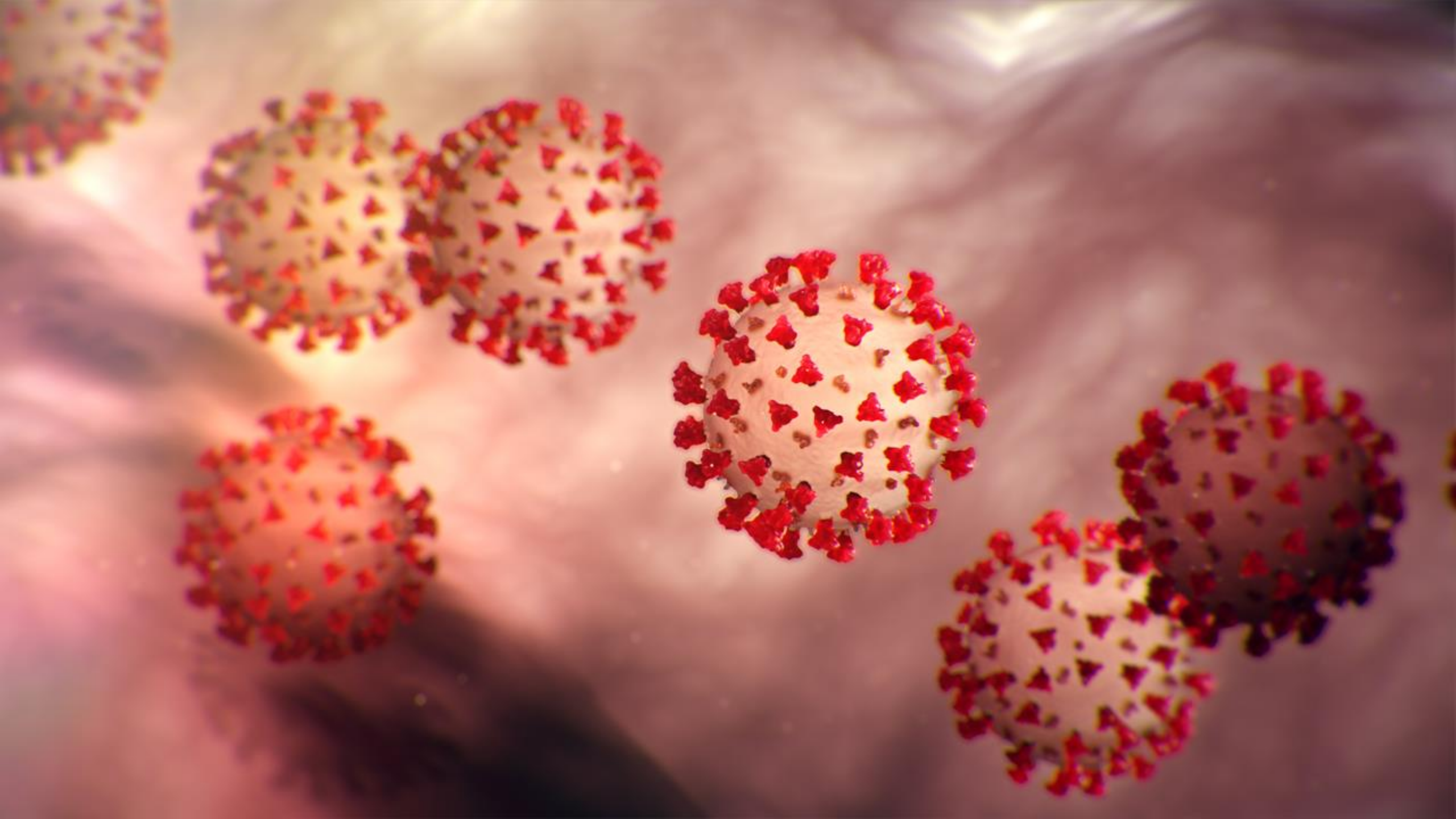


EXCELLENCE

## COVID-19 Update

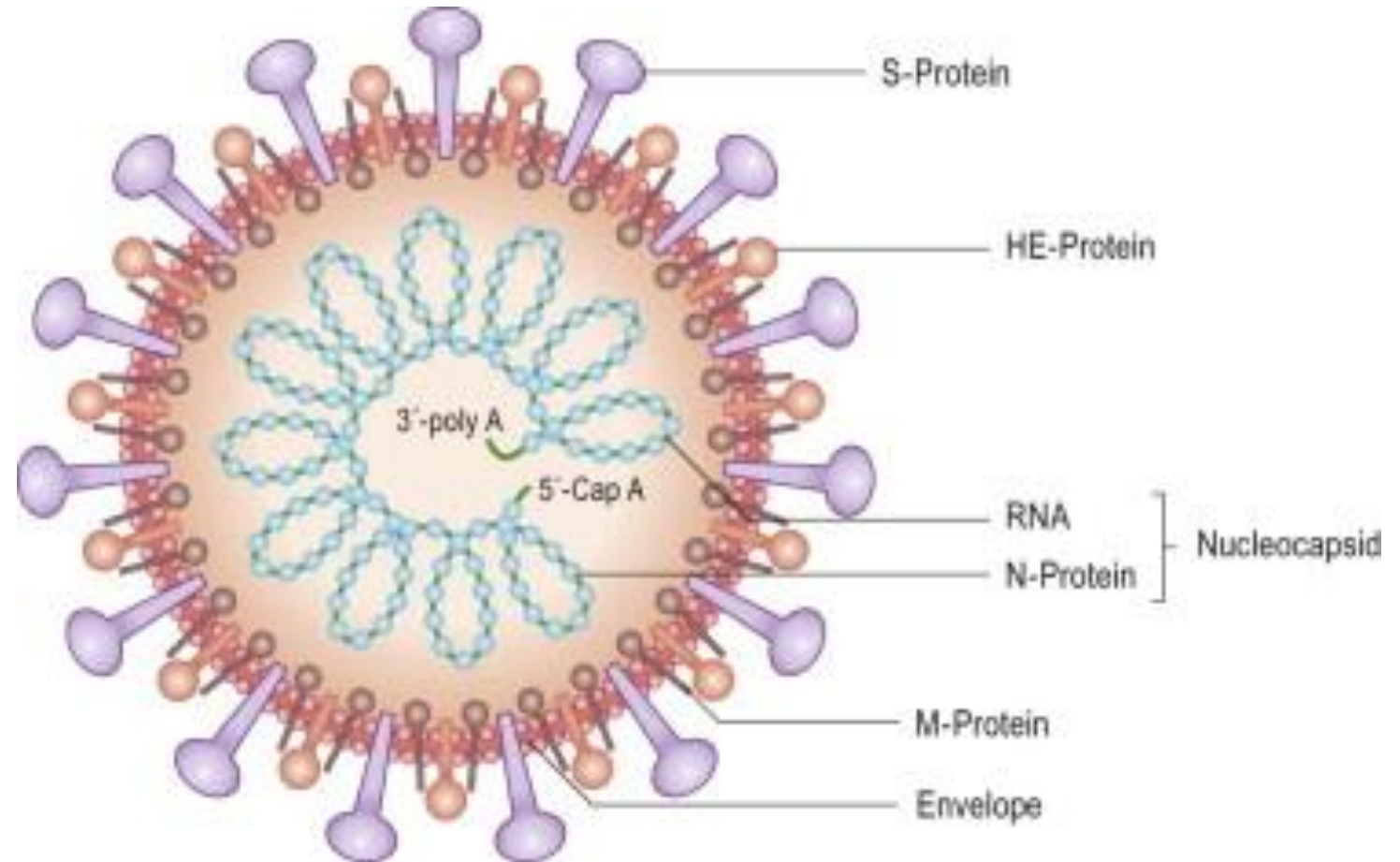
Marin County Board of Supervisors  
Monday, March 10<sup>th</sup>, 2020





# Coronaviruses

- RNA virus that mutates easily
- Infect wide range of hosts including mammals & birds
- Several types infect humans
  - Most cause common cold
  - MERS
  - SARS
  - COVID 19





Total Confirmed  
**118,252**

### Confirmed Cases by Country/Region

**80,757** Mainland China

**10,149** Italy

**8,042** Iran (Islamic Republic of)

**7,513** Republic of Korea

**1,784** France

**1,646** Spain

**1,457** Germany

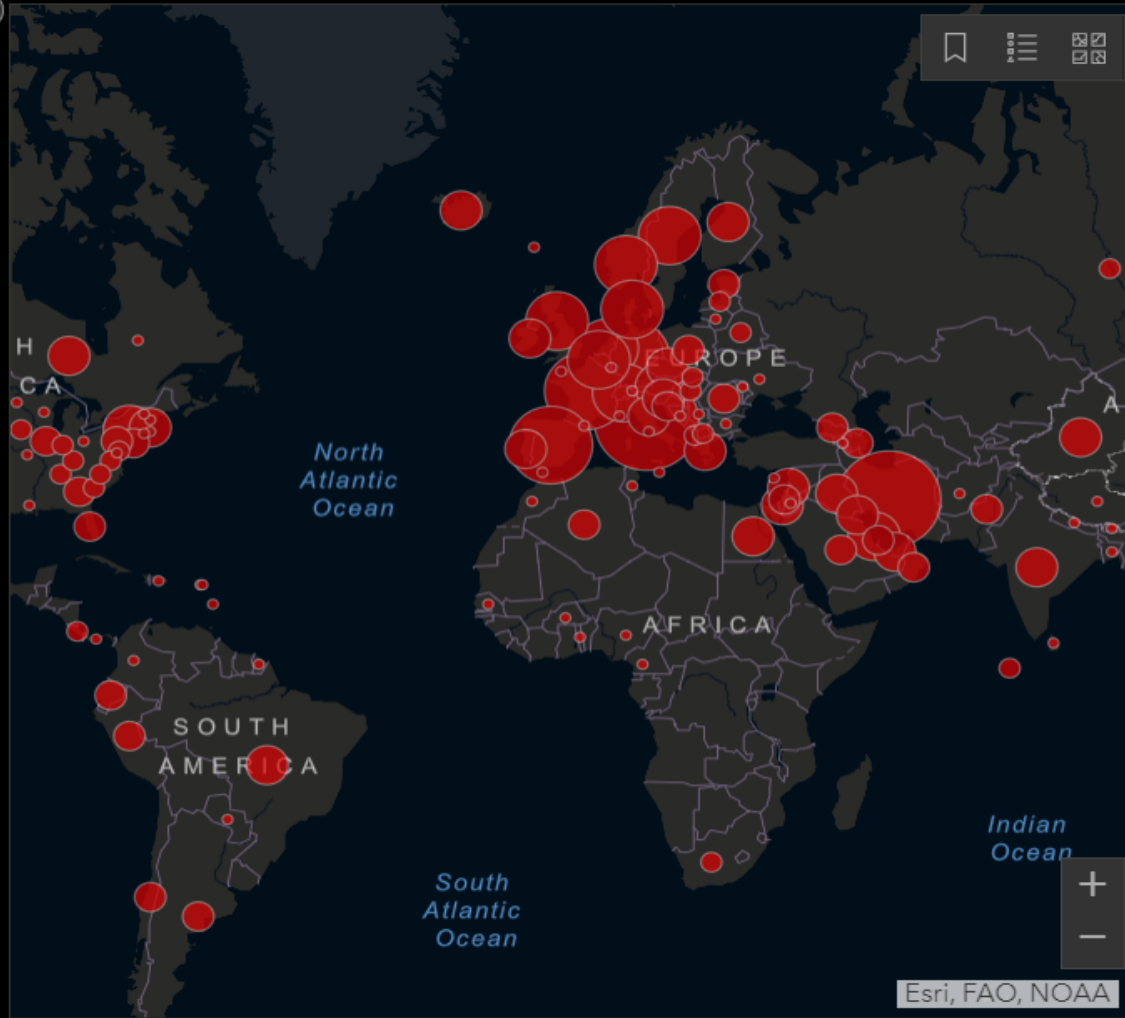
**959** US

**696** Others

**581** Japan

Country/R...

Last Updated at (M/D/YYYY)  
3/10/2020, 3:13:11 PM



Cumulative Confirmed Cases

Active Cases

**115**

Lancet Inf Dis Article: [Here](#). Mobile Version: [Here](#). Visualization: JHU CSSE. Automation Support: [Esri Living Atlas team](#) and [JHU APL](#). Data sources: [WHO](#), [CDC](#), [ECDC](#), [NHC](#) and [DXY](#) and local media reports. Read more in this [blog](#). [Contact US](#).

Total Deaths  
**4,262**

3,024 deaths  
**Hubei Mainland China**

631 deaths  
Italy

291 deaths  
Iran (Islamic Republic of)

54 deaths  
Republic of Korea

35 deaths  
Spain

33 deaths  
France

Total Recovered  
**64,391**

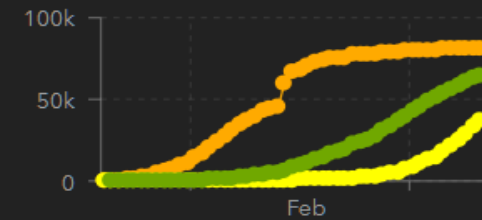
**47,743** recovered  
**Hubei Mainland China**

**2,731** recovered  
Iran (Islamic Republic of)

**1,274** recovered  
**Guangdong Mainland China**

**1,247** recovered  
**Henan Mainland China**

**1,191** recovered  
**Zhejiang Mainland China**



● Mainland China

● Other Locations

Actual



# Marin County Status: March 9, 2019

- 1 confirmed case
- 15 tested
  - 4 negative
- 11 current Persons Under Investigation
- 3 hospitalized
- 10 awaiting lab results/testing
- March 3
  - Proclaimed local health emergency
  - County proclaimed local emergency
- March 4
  - Activated Emergency Operations Center to coordinate response among agencies and healthcare partners

# What we know about COVID-19:

## Infectiousness

- Slightly more infectious than influenza

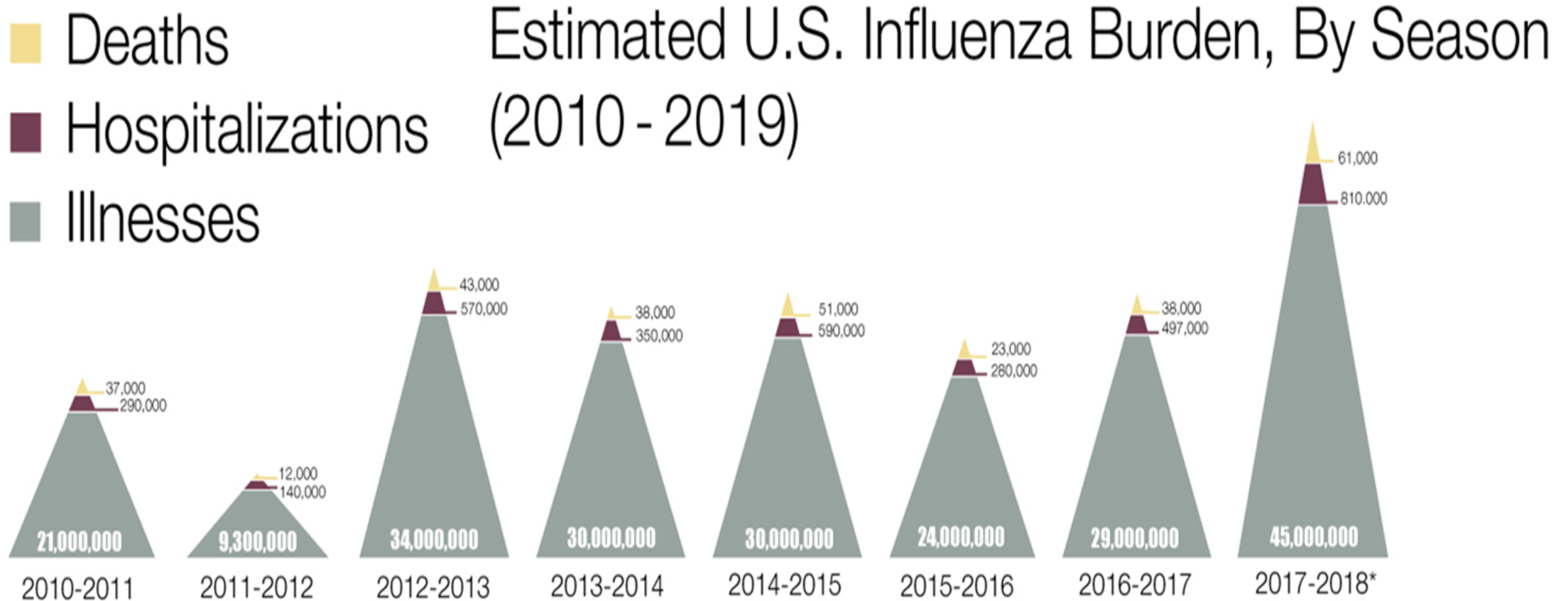
## Severity

- 16% infected show more severe symptoms
- Broad range of symptoms
  - For most, mild illness
- At risk groups
  - over 65
  - those with other health conditions of any age e.g. diabetes, heart disease

## Incubation period

- 2-14 days

# Annual Influenza Burden



\*Estimates for these seasons are preliminary and may change as data are finalized.



LIFESTYLE > HEALTH

# Two Marin residents die of flu as season gets off to early start



By [RICHARD HALSTEAD](#) | rhalstead@marinij.com | Marin Independent Journal

PUBLISHED: December 18, 2019 at 6:06 p.m. | UPDATED: December 19, 2019 at 8:10 a.m.

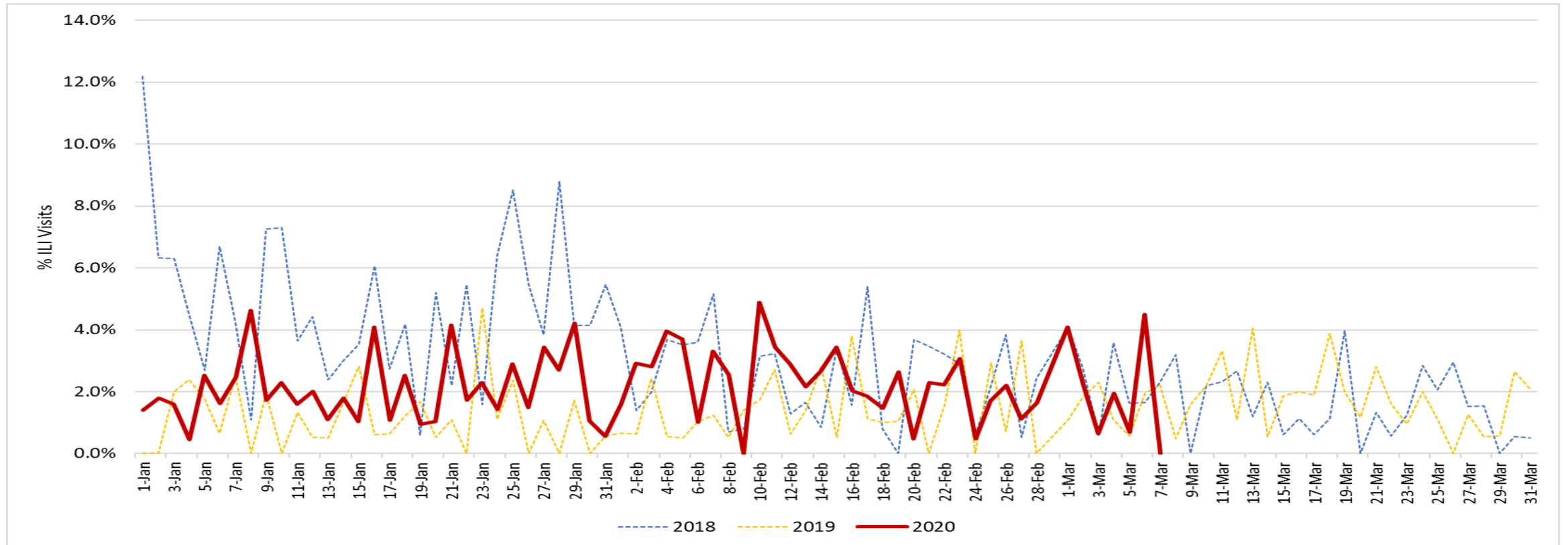


# Death Rates in Comparable Countries- COVID-19

Country	Total Cases	Total Deaths	Death Rate
Switzerland	374	2	.5%
South Korea	7,478	53	.7%
Germany	1,191	2	.16%

# Surveillance for COVID-19: Marin County

- Proportion of Visits due to Influenza-like Illness (ILI): Kaiser San Rafael, MarinHealth Medical Center, and Novato Community Hospital Emergency Departments – Jan-March 2018-2020



# COVID 19 Testing: Marin County

- Increased capacity
  - Private labs
  - Public Health labs
- Requires special equipment
- Drive through testing option ‘
  - Referral basis from clinicians

# Health Care System

- Hospitals, clinics, first responders equipped to control spread
  - Personal Protective Equipment
  - Infection control practices
  - Drilled, implemented
- Increasing capacity for remote visits
  - Telephone
  - Video

# Community Interventions

- Schools
  - Pre-emptive closures not recommended
  - Closures: “One case, one school”
    - 14 days
  - Enhanced school based precautions
    - Rigorous hand hygiene
    - Sick children sent home
- Large gatherings
  - Recommend canceling or postponing non essential indoor gatherings of 100 or more people
  - Goal is limiting opportunities for person to person spread

- Public messaging



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# STAY HEALTHY MARIN

HELP PREVENT THE SPREAD OF GERMS AND DISEASE



MORE INFORMATION  
WEBSITE: [MARINHHS.ORG/CORONAVIRUS](https://MARINHHS.ORG/CORONAVIRUS)  
EMAIL: [COVID-19@MARINCOUNTY.ORG](mailto:COVID-19@MARINCOUNTY.ORG)



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# Resources

Hotline (415) 473-7191

Staffed Mon-Fri 9:30-12 and 1-5

Webpage:

[marinhhs.org/coronavirus](https://marinhhs.org/coronavirus)

Email Subscription Service:

[COVID-19@marincounty.org](mailto:COVID-19@marincounty.org)

Updates through subscription service and social media

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