

Louisiana ACP Annual Meeting

COVID-19 Update

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Governor, Louisiana Chapter

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New Orleans



American College of Physicians
Leading Internal Medicine, Improving Lives

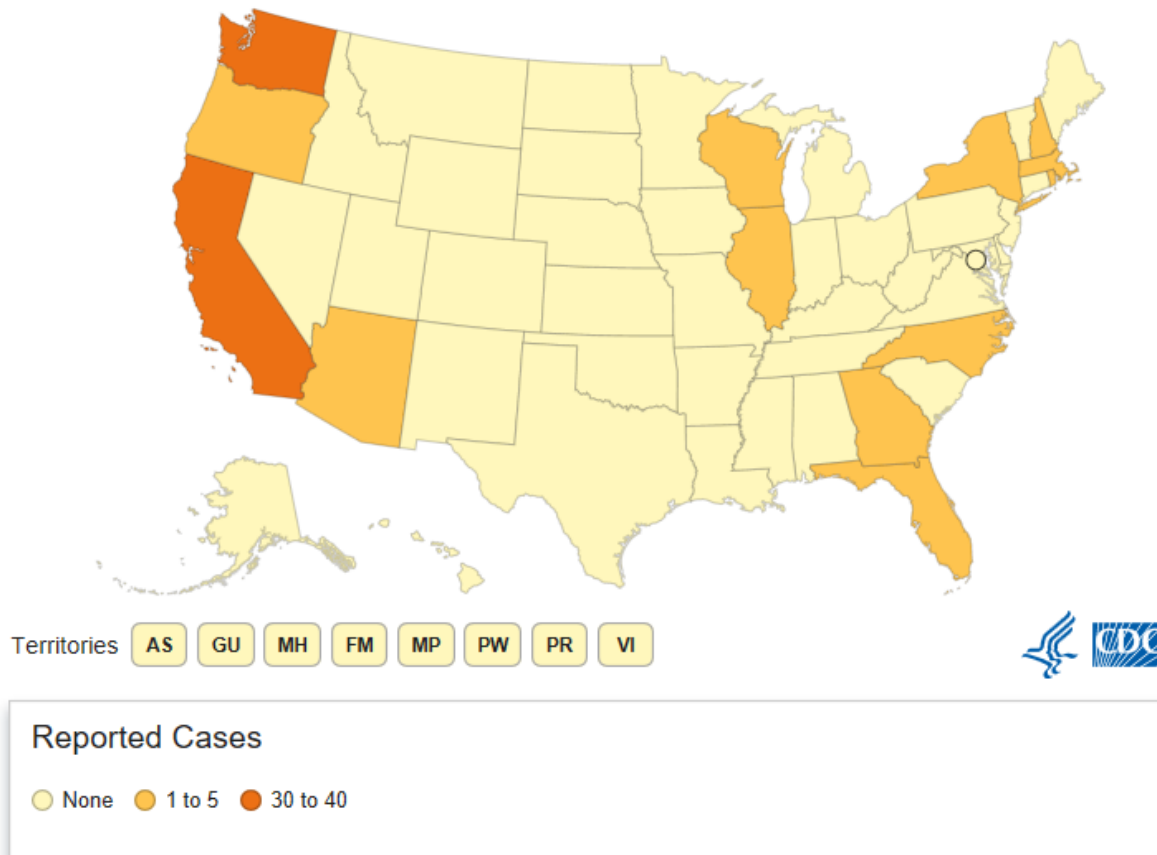
Nomenclature

- COVID-19
 - WHO abbreviation for: Coronavirus Disease 2019
- SARS-CoV-2
 - Name of this coronavirus

WHO COVID-19 Situation: March 5, 2019



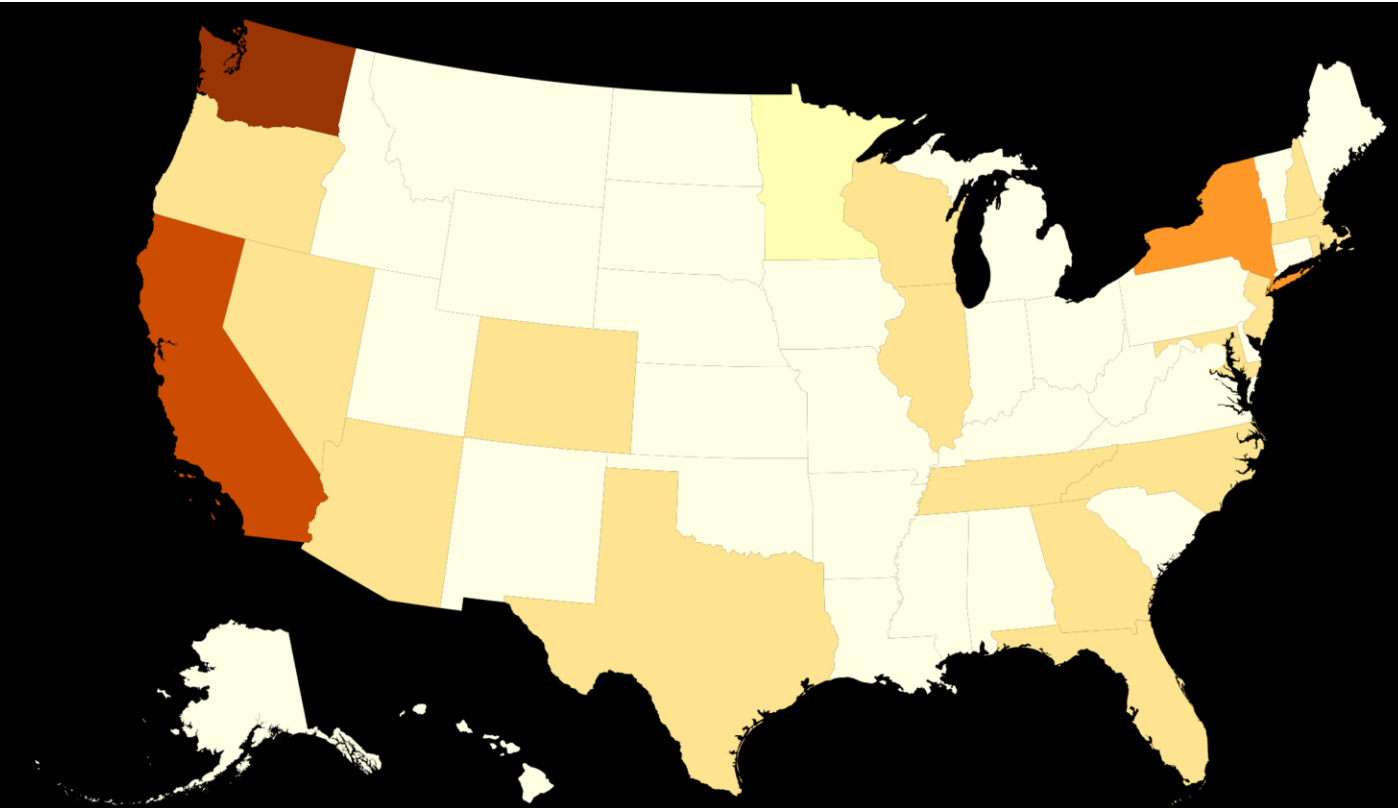
CDC COVID-19 States reporting cases



COVID-19: U.S. at a Glance*

- Total cases: 99
- Total deaths: 10
- States reporting cases: 13

CDC COVID-19 States reporting cases



COVID-19: U.S. at a Glance*

- Total cases: 164
- Total deaths: 11
- States reporting cases: 19

PERSPECTIVES: COVID-19 Compared to Influenza

	COVID-19	Influenza
World Wide Cases	95,270	MANY MILLIONS
World Wide Deaths	3,280	291,000 – 646,000
US Cases	164	32 million
US Deaths	11	18,000
Louisiana Cases	0	83,707
Louisiana Deaths	0	500 - 1,000/year
Ro	2-3	1-2
Case Fatality Rate	1-2% (but Likely <1%) (SARS -10% and MERS – 36%)	0.1%

- Only 5% of infections have been identified
 - even a travel reduction that is 99% effective may reduce the epidemic outside Wuhan province by no more than 24.9%
 - Estimate 59,000 cases occurred in Wuhan and 3500 in other regions of China before the travel ban was implemented
 - The ban may simply reduce the progression of the outbreak by only 3 to 5 days
 - 46% of cases would be missed by airport-based screening

Managing Emerging Infectious Diseases: Should Travel Be the Fifth Vital Sign?

Trish M. Perl, MD, MSc; Connie Savor Price, MD; Annals 3 MARCH 2020

- Travel interventions will not prevent transmission to new region
- Vigilant infection control measures are critical
 - aggressive patient screening
 - active contact tracing
 - Isolation
 - Respiratory viruses reduced:
 - 46% hand washing
 - 77% with masks
 - 33% with gowns and masks

COVID BREAKING NEWS

- Scientists say they've identified 2 strains of COVID-19 (CHINA)
 - L strain – more aggressive (70% of isolates)
 - S strain – less aggressive (30% of isolates)
- Coronavirus: Hong Kong warns people not to kiss their pets after dog tests positive for COVID-19
 - Authorities say it was likely to be a case of human-to-animal transmission.

Resources

- CDC Coronavirus Disease 2019
- World Health Organization Coronavirus Disease (COVID-19) outbreak
- ACP: Coronavirus Disease 2019 (COVID-19): Information for Internists
- NEJM

Thank you . . .

**...for your continued support of ACP and your
commitment to internal medicine.**

