2019 Novel Coronavirus Public Health Update

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COVID-19 has been detected in 82 locations

Source: CDC March 4, 2020, 9:00 a.m.
U.S. COVID-19 Case Counts as of March 4

13 States with Confirmed and Presumptive Positive Cases of COVID-19, excluding repatriated persons

Total U.S. case count: 80
Person-to person: 16
Under investigation: 40
Travel-related: 24
Repatriated persons: 49
Total deaths: 9
Total CO case count: 0
Persons under investigation: 37
Negative: 29
Pending: 8

Total Boulder case count: 0
Persons under investigation: 4
Negative: 4
Pending: 0
Travelers requiring monitoring
- Total: 32
- Current: 4
Spreads Person-to-Person

- Symptoms 2-14 days after exposure:
  - Fever
  - Cough
  - Shortness of breath

- Transmission: person-to-person via respiratory droplets
Illness is Mild to Severe

Currently estimated

- Mild symptoms: 80% of cases
- Severe symptoms: 20%
- Fatality rate ~2.3%

- **High risk groups:** elderly and patients with comorbidities
Preliminary Fatality Rates Vary by Age and Gender

![Graph showing fatality rates by age range](image-url)
Everyone Should Take Preventive Steps Now

• Get a flu shot
• Stay home when sick
• Cover coughs and sneezes with tissue, then throw in trash
• Wash hands often
  – soap + water for 20+ seconds
  – 60%-95% alcohol-based hand sanitizer if without soap
• Clean frequently touched surfaces and objects
Steps all Employers Should Take Now

• All staff get a flu shot
• All ill staff stay home
• More frequent cleaning of commonly touched surfaces
• Increase capacity for staff to work remotely and meet virtually
• Get your COOP plans ready
Resources and Guidance are Available

- Infection prevention
- Environmental cleaning
- Emergency operation planning guidance
- Household precautions
Facemasks Not Recommended for General Use

Only for:

- Those COVID-19 symptoms
- Healthcare workers
- Caregivers of ill people
Public Health is Responding

Emergency Operations Plan and Pandemic Annex activated

• Prevent spread of Coronavirus
• Ongoing regular internal and external communications
Public Health Supports & Communicates with Partners

- Regional public health partners
- Hospitals and other healthcare providers
- School districts and private schools
- University of Colorado
- Front Range Community College
- Long term care facilities
- First responders
- Employers
- Agency administrators
- Homeless service providers
Partnership with County to Protect Community

Agency Administrators:
- Boulder County, BOCC
- Boulder County Coroner
- Boulder County Sheriff
- Boulder County Public Health Director
- City of Boulder, Colorado University, Erie, Lafayette, Longmont, Louisville, Lyons, Nederland, Superior,

Boulder EOC:
- Bukart, Chard

Public Health Incident Commander:
- Campbell, Wideskind

Joint Information System:
- Barb Halpin/Patrick Von Keyserlingk/HS Managers

Public Health Incident PIO:

Public Health Incident Liaison:

Operations:
- Epidemiology
- Community Infectious Disease Emergency Response Team [CIDER]
- Case Mgt.

Planning:

Logistics:

Finance:

Boulder County Firefighter’s Association, Hospitals, Boulder Valley School District, St. Vrain School District
Partnering with County to Get Messages to Community

COVID-19 Response
Public Information Structure

JIS
JIS Manager – lead PIO
Public Health PIO
Administrative PIOs - City/Town/County
Public Safety PIOs – Sheriff/Muni Police & Fire/CU Police
Hospital PIOs
EMS PIOs
Schools – CU/FRCC/BVSD/SVVSD PIOs
Chambers?
Human Services Non-Profits?

First Responders
Public
Media
Subject Matter Experts
Social Media, Website, Text, Presentations

Long-term Care Facilities
Education Community
Business Community
Colorado Department of Public Health/CDC

Boulder County

Public Health
Public Health PIO

Opportunity for a healthy life
Inconvenient Actions May Be Needed

Widespread disease actions may include:

• Canceling large events
• Closing schools
• Employer request
  – tele-working
  – flexible shifts
  – cross-training
  – cancel large meetings or conferences
Learn More

- BoCo.org/COVID-19
- Colorado.gov/pacific/cdphe/2019-novel-coronavirus
- World Health Organization
- Johns Hopkins GIS Map
- Call CO-Help at 303-389-1687 or 1-877-462-2911 or email COHELP@RMPDC.org, for answers in English and Spanish