Centers for Disease Control and Prevention
Situation Update
Coronavirus Disease 2019 (COVID-19)
Current epidemic curve status*,
by U.S. County, 27 April 2020

Epi curve status
- Low incidence growth
- Elevated incidence growth
- Elevated incidence plateau
- Sustained decline
- Low incidence plateau
- 1-5 cases in the past two weeks
- 0 cases in the past two weeks
- No reported cases

Purpose of this map
Provides the most detailed view into both the burden of illness and the trajectory of new illnesses

Main Findings
- There remains a large number of counties whose burden continues to grow or are in an elevated incidence plateau, including in the Great Lakes region, parts of the Southeast, Northeast, and around southern California.
- The goal is to have all communities be represented in the lighter colors, demonstrating little to no disease burden and no increase in trajectory.

*Categorized according to the slope of a spline fit to the 3 day moving average of daily incidence and the number of new cases (per 100,000) in the past 2 weeks. Elevated incidence is defined as >10 new cases per 100,000 in the past two weeks.

Sources: USAFacts, US Census
Current Epidemic curve status by state, April 27, 2020
Coronavirus Disease 2019 (COVID-19)
Change in Daily Incidence*,
by U.S. County, 27 April 2020

* Measured as the change in slope of a spline fit to smoothed daily incidence. Incidence was smoothed using a 3-day moving average. These values therefore represent the change in 3-day average number of new cases per 100,000 per day. Greater declines are ≤-1, moderate declines are >-1 to -0.1, plateaus are >-0.1 to ±0.1, moderate increases are >0.1 to 1, greater increases are >1. Counties denoted as 0 cases in the past 2 weeks have had at least 1 case previously.

Sources: USAFacts, US Census

Change in incidence per 100,000 per day
- Greater decline
- Moderate decline
- Plateau
- Moderate increase
- Greater increase
- 1-5 cases in the past 2 weeks
- 0 cases in the past 2 weeks
- No reported cases

Purpose of this map
Describes the trajectory of new illnesses as recently increasing, being stable, or decreasing in number.

Main Findings
- Incidence rates continue to decrease in multiple counties, including hard-hit areas in Louisiana and in the New York City region.
- Incidence rates have recently increased in areas around Chicago, many counties in Mississippi, and many counties in New York State.

CDC
Proposed Reopening America Indicator: Days of downward trajectory (as of April 27, 2020)
Trends in Country COVID-19 Epidemic Curves

*Categorized according to the slope of a spline fit to the 3 day moving average of daily incidence and the number of new cases (per 100,000) in the past 2 weeks. Elevated incidence is defined as >10 new cases per 100,000 in the past 2 weeks. Data source: JHU. Data as of April 25
Trends in Country COVID-19 Epidemic Curves

- **Sweden**
- **Germany**
- **United States**
Cardiovascular Disease Comorbidity is Less Common than with Flu

- Only 1 hospitalized adult case diagnosed with stroke during hospitalization

ARDS = Acute respiratory distress syndrome; MI = myocardial infarction; CHF = congestive heart failure; COPD = chronic obstructive pulmonary disease; *Diagnoses obtained from discharge summary and not mutually exclusive.
Data and Analytics
Task Force
Logansport, IN (CBSA)
Counties: Cass, IN

Sioux City (CBSA)
Counties: Woodbury, IA; Dakota, NE; Dixon, NE; Union, SD

Logansport, IN (CBSA) with Doubling Times

Sioux City, IA-NE-SD (CBSA) with Doubling Times

COVID-19 Response ▪ Data & Analytics Task Force
Community Mitigation
Task Force
State and federal government perceptions

State Reopening Orders and Plans

Reopening orders/plans cover:

- Certain businesses: e.g. Alaska, Florida, Georgia, Idaho, Mississippi, Oklahoma, South Carolina, Texas, Wisconsin

- Healthcare: e.g. Alaska, Arizona, Arkansas, Georgia, Mississippi, Texas, West Virginia

- Beaches/Parks: e.g. Florida, Rhode Island, South Carolina

Collected by CDC, CSTLTS, Public Health Law Program - contact Gregory Sunshine (gregory.sunshine@cdc.gov) with questions.
Note: local orders not included.
Healthcare Resilience
Task Force
Laboratory Diagnostics
Task Force
Community Based Testing Sites
Task Force
Community-Based Testing Sites and revised CDC Guidelines

Symptoms may appear 2-14 days after exposure to the virus. People with these symptoms or combinations of symptoms may have COVID-19:

• Cough
• Shortness of breath or difficulty breathing

Or at least two of these symptoms:
• Fever
• Chills
• Repeated shaking with chills
• Muscle pain
• Headache
• Sore throat
• New loss of taste or smell

Community-Based Testing Sites and revised CDC Guidelines

PRIORITIES FOR COVID-19 TESTING
(Nucleic Acid or Antigen)

High Priority

- Hospitalized patients
- Healthcare facility workers, workers in congregate living settings, and first responders with symptoms
- Residents in long-term care facilities or other congregate living settings, including prisons and shelters, with symptoms
- Persons identified through public health cluster and selected contact investigations

Priority

- Persons with symptoms of potential COVID-19 infection, including: fever, cough, shortness of breath, chills, muscle pain, new loss of taste or smell, vomiting or diarrhea and/or sore throat
- Persons without symptoms who are prioritized by health departments or clinicians, for any reason, including but not limited to: public health monitoring, sentinel surveillance, or screening of other asymptomatic individuals according to state and local plans.

Medical Countermeasures
Task Force
Communication/Messaging
US Department of Veterans Affairs COVID-19 Response
By the Numbers

Overview:
- VHA has diagnosed 6,780 Veterans with COVID-19
- 62% of which have been Outpatient
- 1,528 Patients with COVID-19 have been discharged
- 560 Current inpatients with COVID-19

VA's Fourth Mission:
- 223 Civilian patients admitted for care in VA facilities across 9 states
- 52 Veterans from State Veteran Homes in VHA care
- 40 Total states receiving support from VA

Telehealth:
- 28,044 Daily telehealth video appointments
- ↑ 750% Increase in appointments scheduled through Virtual Care Manager since March 1st

Testing:
- 99,938 Total patients tested

Beds:
- 6,990 Total MED/SURG + ICU beds available
- 56.8% of MED/SURG + ICU beds available

Surge Staffing:
- 9,338 New hires on boarded between March 29th and April 28th
- Projected total new hires this week (April 29th-May 5th)
- 727
- 2,147 New Registered Nurses (RNs) hired