

EVIDENCE-BASED MEDICINE INFOSHEET: EPIDEMIOLOGY AND HEALTH SYSTEMS

Updated [4/17/20]

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Key topic areas / questions identified:

Current epidemiology of COVID-19

- Global
- US
- Texas
- San Antonio
- Items to share models, anticipated peak, bed/ICU/vent shortages, demographic distributions, vulnerable populations (pregnant women, children, etc.)

## Mask wearing

Cloth vs surgical vs N95

## Transmission

- Persistence on surfaces
- Droplet vs airborne
- Effectiveness of stay at home orders

## See Which States & Cities Have Told Residents to Stay at Home

# Cities' Plans for Relaxing Stay at Home Orders:

- City from a non-Medicaid expansion state
  - <u>Current states that are not expanding Medicaid</u>: Wyoming, South Dakota, Wisconsin, Kansas, Missouri, Oklahoma, Texas, Tennessee, Mississippi, Alabama, Florida, Georgia, North Carolina, South Carolina
- Washington State, Oregon, California: The three states are coordinating together
  - Per link, "Need to see a decline in the rate of spread of the virus before largescale reopening."
  - o **WA**:
    - <u>Seattle & King County</u>—"Before we can feel comfortable relaxing social distancing measures, we need to further decrease transmission and have widespread testing availability and public health systems in place to

quickly identify people who are infected and their close contacts to help them isolate and quarantine."

- 2 new isolation and quarantine assistance sites have opened. King county has also partnered with Kaiser Permanente Washington who will provide onsite personnel for services.
- o **OR**: Tentative date for relaxing distancing: May 25
  - Washington County— <u>Contact tracing needed to relax social distancing measures</u>
    - Communities need to ramp up efforts to contact individuals who
      may have been exposed. The county has a public health staff of 30
      and employees have been trained to conduct interviews and
      assist with contact tracing.
  - Oregon's Gov. Kate Brown issued Executive Order 20-12, which continues to remain in effect

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- Connecticut, Delaware, Massachusetts, New Jersey, New York, & Rhode Island: <u>The six</u> states are coordinating together
  - o NY: Beginning antibody testing starting 4/19 to see if restrictions can loosen
    - Westchester County: County executive George Latimer thinks president is acting too hastily and is following the lead of Gov. Cuomo's approach.
       Says key is testing, and that Westchester is well equipped to test plenty of residents when the time comes
    - <u>Nassau County</u>: <u>Cases down, talking to plan reopening</u> of marinas, golf, and beaches & still encourage distancing while balancing reopening society
    - Suffolk County: Gov Cuomo allowing golf courses, marinas, beaches
  - o NJ: Gov Murphy says no reopening can happen without a robust testing program
    - Bergen County: *no information yet*
  - CT: Stay-home executive extended to May 20
    - Fairfield County: <u>Has almost half the state's cases & deaths.</u> Eastern CT could reopen sooner than the rest of the state & should be governed by a different policy than Fairfield.
- Illinois: Gov. Pritzker says life likely won't return to normal until vaccine developed
  - Winnebago County: Protests <u>against closing small businesses</u>, <u>but mayor of largest city in the county believes opening all businesses on a single day or allowing each city to make its own rules is not responsible
    </u>
- California:
  - Los Angeles: Mayr Eric Garcetti believes the city's shelter-in-place order will need to remain at least through mid-May, nearly 2 months after it was issued
- Michigan:
  - Macomb County: Executive Mark Hackel supports a staged approach towards reopening the economy that is "balanced progressively"
- Oklahoma: Mayors in the state's major cities have ordered all residents to stay home
  - o City of Claremore: Stay at home order effective 3/18/2020

- City of Edmond: Stay at home order effective 3/30/2020
- o City of Moore: Stay at home order effective 4/4/2020
- o City of Norman: <u>Stay at home order effective 3/25/2020</u>
- Oklahoma City: Stay at home order effective 3/28 to 4/16 & extended to 4/30
- o City of Sallisaw: Stay at home order effective 4/4/2020
- o City of Tulsa: Stay at home order effective 3/28/2020
  - Gov. Kevin Stitt & Mayor G.T. Bynum <u>currently have no plans</u> for city of Tulsa or state of OK to reopen. Decision to ease social distancing to be made based on scientific data
- **Texas**: 4/17: Gov. Greg Abbott set timeline to reopen the state
  - Harris County (Houston): Mayor Sylvester Turner says he is assessing guidelines and will name a local leader on 4/19. City still not at its peak.
  - Bexar County (San Antonio): Our own Dr. Taylor will be leading the COVID-19
     Health Transition Team for SA & Bexar County to make decisions based on expertise and science
  - Victoria County: Considering opening May 1, since no new cases have been reported & based on Abbott's decisions/local public health data
  - <u>Dallas</u>: Mayor Eric Johnson's city is operating under <u>strict shelter-at-home</u> <u>regulations</u> and <u>believes that the President's April 30 date might be premature</u>.
     Public health + virus' timeline will determine when to relax orders
- Florida:
  - o Governor allowed on 4/17 for beaches & parks to open
  - <u>Duval County (Jacksonville)</u>: <u>Beaches opened with restrictions & hours, certain</u> items banned

## How a city can reopen after COVID-19

Feedback from Dr. Taylor: 'we have already crosswalked the American Enterprise Institute plan, the Hopkins plan, and the federal plan... we're really looking for city or state plans for reopening.' So when you get a moment (and I know you are multitasking), please dive into some of the State/City health department websites to see if you can find anything specific about indicators, decision points, timelines, etc. Great work so far!

 Look at American Enterprise Institute & Hopkins plan and look at their transition plans and try to map

Montana: <a href="https://covid19.mt.gov/Portals/223/Documents/04-22-20%20Directive%20and%20Appx%20-%20Reopening%20Phase%20One.pdf?ver=2020-04-22-124954-977">https://covid19.mt.gov/Portals/223/Documents/04-22-20%20Directive%20and%20Appx%20-%20Reopening%20Phase%20One.pdf?ver=2020-04-22-124954-977</a>

**California**: Six indicators needed to reopen the economy

 https://www.gov.ca.gov/2020/04/14/governor-newsom-outlines-six-critical-indicatorsthe-state-will-consider-before-modifying-the-stay-at-home-order-and-other-covid-19interventions/ Santa Barbara has formed a team to create a plan on reopening (misleading title):
 https://www.edhat.com/news/county-creates-plan-to-reopen-economy-public-health-releases-data-on-covid-19-patients

### Tennessee:

 Nashville: 4 phased plan for reopening <u>https://www.scribd.com/document/457924346/Roadmap-for-Reopening-Nashville#from\_embed</u>

Maryland: <a href="https://governor.maryland.gov/wp-content/uploads/2020/04/MD\_Strong.pdf">https://governor.maryland.gov/wp-content/uploads/2020/04/MD\_Strong.pdf</a>

**Alaska**: Plan to reopen <a href="https://gov.alaska.gov/newsroom/2020/04/21/governor-unveils-path-to-reopening-alaskan-economy/">https://gov.alaska.gov/newsroom/2020/04/21/governor-unveils-path-to-reopening-alaskan-economy/</a>

Pennsylvania: https://www.governor.pa.gov/process-to-reopen-pennsylvania/

**Kentucky:** <a href="https://govstatus.egov.com/ky-healthy-at-work">https://govstatus.egov.com/ky-healthy-at-work</a>

• Phase I: https://chfs.ky.gov/agencies/dph/covid19/phaseIhealthcareservicereopening.pdf

**New York:** <a href="https://www.governor.ny.gov/news/amid-ongoing-covid-19-pandemic-governor-cuomo-outlines-phased-plan-re-open-new-york-starting">https://www.governor.ny.gov/news/amid-ongoing-covid-19-pandemic-governor-cuomo-outlines-phased-plan-re-open-new-york-starting</a>

Wisconsin: Badger Bounce Back plan-

https://www.dhs.wisconsin.gov/publications/p02653a.pdf

- Washington & Ozaukee Counties: <a href="https://localtvwiti.files.wordpress.com/2020/04/blueprint-for-reopening-washington-and-ozaukee-counties-april-20-2020.pdf">https://localtvwiti.files.wordpress.com/2020/04/blueprint-for-reopening-washington-and-ozaukee-counties-april-20-2020.pdf</a>
- Pretty similar to governor's Badger Bounce Back plan:
   <a href="https://fox6now.com/2020/04/21/a-plan-with-specifics-washington-county-officials-create-their-own-blueprint-for-reopening/">https://fox6now.com/2020/04/21/a-plan-with-specifics-washington-county-officials-create-their-own-blueprint-for-reopening/</a>

**Oregon**: <a href="https://www.documentcloud.org/documents/6843437-Reopening-Oregon-Framework-Presentation-v4.html">https://www.documentcloud.org/documents/6843437-Reopening-Oregon-Framework-Presentation-v4.html</a>

**Nevada**: <a href="https://www.mynevada.gop/the-time-is-now-to-start-the-process-of-reopening-nevada/">https://www.mynevada.gop/the-time-is-now-to-start-the-process-of-reopening-nevada/</a>

#### Arizona:

• Pima County: Phase 1- <a href="https://www.kgun9.com/news/coronavirus/pima-county-details-phase-1-of-lifting-social-distancing-rules">https://www.kgun9.com/news/coronavirus/pima-county-details-phase-1-of-lifting-social-distancing-rules</a>

 https://webcms.pima.gov/UserFiles/Servers/Server\_6/File/Government/Adminis tration/CHHmemosFor%20Web/2020/April/April%2022%20Establishment%20of %20Pima%20County%20Back%20to%20Business%20Task%20Force%20.pdf

**Missouri**: Rudimentary plan in place: <a href="https://www.thesalemnewsonline.com/covid-19/article\_c4c20948-8718-11ea-b603-9fcb30a9d578.html">https://www.thesalemnewsonline.com/covid-19/article\_c4c20948-8718-11ea-b603-9fcb30a9d578.html</a>