

Blueprint for Reopening Lane County

Updated on May 6, 2020



Lane County Plan Overview

Governor Brown's Stay Home, Save Lives Executive Order was instituted on March 23, 2020 to slow the spread of COVID-19 as a critical non-pharmaceutical intervention. This decision came in the face of significant increases in persons testing positive for COVID-19, and concern that the existing health care system would quickly be overwhelmed with a lack of equipment, PPE, and bed capacity. Upon early analysis, it appears as though in Lane County the timing of this order relative to the county's first known case slowed what would have been an exponential growth curve, and resulted in an overall flattening. We believe that overall flattening occurred on or around April 15 and have subsequently observed a steady and consistent reduction from that day forward.

To move away from a reliance on the Stay Home, Save Lives order as a primary tool, Lane County needs robust data about the spread of the disease in the community, a strong healthcare system that can respond quickly to increased disease, strong and clear recommendations about individual and organizational level physical distancing within relaxed restrictions, and a commitment to quickly re-deploying stay-at-home advisories in hot spots where transmission is rapidly occurring. As such, Lane County's overall blueprint is designed around 7 key criteria outlined by Lane County's Senior Public Health Officer and is specifically geared towards identifying numerical thresholds for the primary considerations for relaxation and phases thereof. In terms of detailing individual considerations for businesses, other organizations, and events Lane County will defer to Governor Brown's framework and plan for restriction relaxation, with an acknowledgement that some local considerations may need to be made on a case by case basis.

General Framework for Opening Oregon

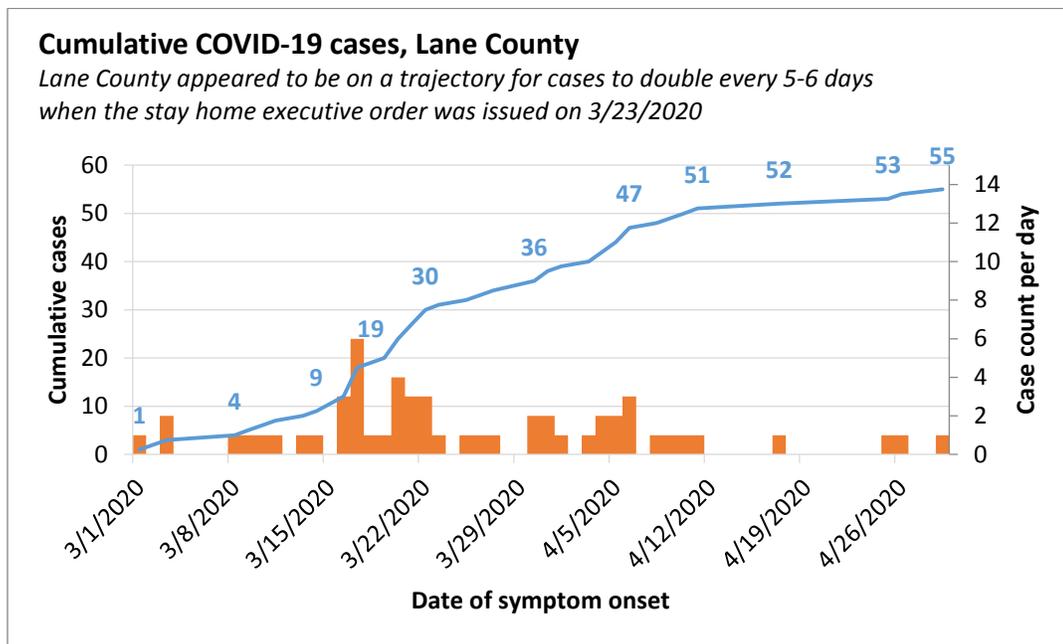
Governor Brown has released *Reopening Oregon: A Public Health Framework for Restarting Public Life and Business*, which serves as a statewide guide for how and when communities in Oregon will relax restrictions put in place in response to the COVID-19 pandemic. The framework includes specific gating criteria and preparedness strategies that must be met prior to moving through the three phases of lifting restrictions. Those criteria and strategies are incorporated into Lane County's Blueprint, and include declining numbers of people with symptoms and disease, adequate hospital capacity, robust testing and contact tracing, healthcare system capacity (PPE and surge), and plans for health and safety. Once those are met, the restrictions would be eased in three phases with at least 21 days between each phase.

- **Phase 1:** Individuals would be expected to practice good hygiene, consider use of face coverings in public, and stay home if sick. Employers would develop appropriate policies for social distancing, protective equipment, temperature checks, sanitation, and monitoring employees for symptoms. Vulnerable individuals would be advised to stay home, social gatherings would be limited to no more than 10 people, non-essential travel would be limited, and telework would continue where possible.

- **Phase 2:** After at least 21 days, if the gating criteria are met, gatherings could increase to no more than 50 people, non-essential travel could resume, schools and gyms could open under physical distancing requirements.
- **Phase 3:** After at least 21 days, if the gating criteria are met, gatherings could increase, worksites could have unrestricted staffing, visitors to nursing homes would be allowed, and restaurants and bars can have more seating.

Lane County Considerations for Relaxing Restrictions and Advancing to Next Phase

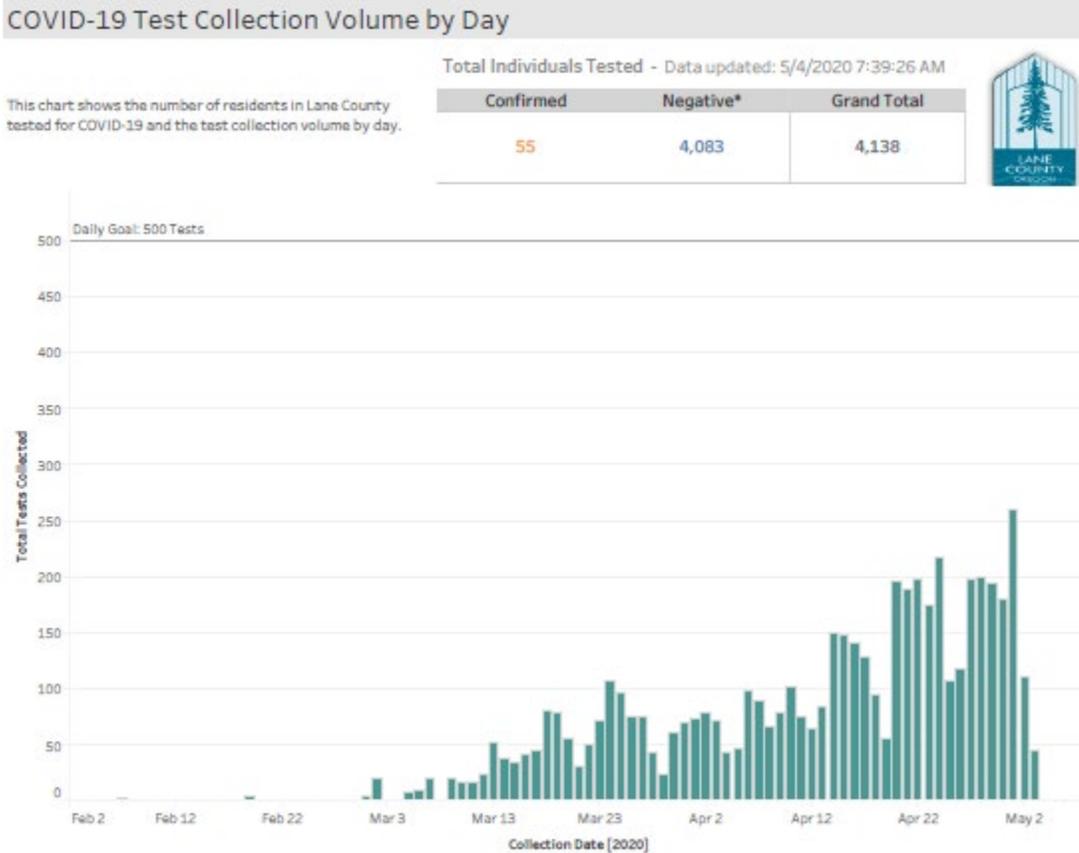
1. **Falling COVID Cases over 14 days.** Each incubation period lasts 14 days, so the phased plan requiring communities to wait 21 days at each phase would take into account any changes over a total of two incubation periods prior to moving to the next phase. In Lane County we have not had significant growth of cases during the pandemic, and the graph below indicates the number of cases based on the date of symptom onset (not the date that the lab result was received), and shows the flattening of the curve in this community. (See triggers section later in this document for more information about how changes in this data might impact future restrictions).



Status
Green

2. **Testing and Availability of Local Laboratory Testing.** In order to quickly detect any changes in the growth rate or localized outbreaks, the community needs access to widespread testing, particularly in the event that cases are increasing on the disease curve. Based on the total population in Lane County, the minimal number of testing each day should average 500, representing approximately 1% of the population being tested each week. Optimal levels would be closer to 1,000 tests

per day administered to residents of Lane County. Lane County is monitoring the actual tests completed, as well as ensuring sufficient capacity to process needed tests in the event of an outbreak. As testing resources become more available, the state is relaxing the guidelines for who is eligible for testing—when the testing resources were scarce, access was limited to only those who were most ill or had other specific risk factors. While testing capacity has increased significantly in Lane County, the number of tests is still lagging as the community adjusts to increased availability.



Target Daily Av.	Status
500	Red

Lane County is expecting to have each of the local labs processing at least 100 tests per day, with the balance covered by the Oregon State Public Health Lab and commercial labs.

While this is the minimum needed to begin relaxing restrictions, ultimately the community also needs expanded sentinel and surveillance testing. In addition to testing for those who are symptomatic, Lane County Public Health needs access to sufficient testing for higher-risk populations and/or settings through local labs. This would be

achieved by agreement from the two local hospital labs to make available each day 50 tests for groups identified by Lane County Public Health.

Lab	Total tests per day	Status	Target Daily Av.	Status
PeaceHealth	***		At least 50/day available for Public Health	Green
McKenzie Willamette/UO	***		At least 50/day available for Public Health	Green

3. **Sufficient Contact Tracing Resources.** Contact tracing involves identifying and reaching out to the contacts of someone who tests positive for an infectious disease. Contacts are then tested and, for those who test positive, the process is then repeated for their contacts, and so on, until the chain of transmission is interrupted. In the case of COVID-19, until recently only very sick people meeting strict criteria were referred for testing. As testing becomes more widely available, Public Health will implement more extensive contact tracing, which is expected to include isolation and quarantine of known and suspected cases. In some cases, people who are isolated or quarantined at home will need support and resources, such as groceries, laundry, and prescription medicines. Those who are unhoused or unable to return to their homes will additionally need accommodation. It is not yet clear how widespread infection is in Lane County; therefore, it is difficult to estimate the resources that will be needed locally.

Lane County’s plan includes six-person contact tracing teams led by a nurse or Disease Investigation Specialist (DIS) who conducts the initial case investigation. Teams also include four contact tracers and two community service workers who provide support to those in isolation. Three teams share an epidemiologist and supervisor. The number of teams needed depends on the number of positive test results, the concentration of contacts, and the supports needed for isolation. The state estimates 15 FTE/100,000 population needed for COVID-19 contract tracing, which translates to about 57 full-time staff. Below are the best estimates that take the number of active cases into consideration.

# Active Cases	# Teams Needed	# Total FTE Needed	# Current FTE Available	Status
10	1	8	8	Green
50	3	20	20*	Green
100	6	40	20**	Yellow

* Includes surge capacity from University of Oregon and volunteers

** In the event that case numbers surged significantly, Lane County would request additional support from OHA and volunteers, and would divert other Lane County H&HS staff to this work.

4. **Plans for Rapid Scale-up in Case of a Second Wave.** According to the Roadmap for Reopening by the American Enterprise Institute, one of the triggers for

reinstating stay-at-home orders is a doubling of cases every 3-5 days. Because the virus is so contagious, it's critical that the situation is closely monitored (see triggers below), and that the healthcare system is able to quickly respond in the event that increased disease is detected. This means that hospitals need to have capacity for severe cases, health care providers need sufficient PPE, and that the community needs to be prepared to activate stay-at-home strategies if needed to combat a significant outbreak.

Response Item	Available Unused Capacity	Status
Capacity for 20% Increase in Hospital Beds	Yes	Green
Ventilators	122 Capacity; 19 currently in use	Green

Additional indicators of preparedness include local surge response plans, currently in place in local hospitals, police/fire/EMS, and the University of Oregon.

- 5. Sufficient Personal Protective Equipment (PPE).** In order to protect first responders and health care workers, communities need to maintain sufficient supplies of PPE on hand, and ultimately demonstrate that regular supply chains are online to meet any emerging needs. As part of Oregon's emergency response, counties are designated as local clearinghouses for PPE supplies from the state and national stockpile and distribute as needed across the community. Additionally, the ability to clean and recycle N95 masks will be available in Lane County which will support health care providers and others' ability to maintain an adequate supply on hand.

The Chair of the Lane County Fire Defense Board will be monitoring levels of PPE available to the fire and EMS providers across the County, and weekly certifying to the County whether or not there is a sufficient 30 day supply on-hand for the first responders.

Fire Defense Board Certifies Current 30-day supply of PPE	Green
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Lane County manages the local clearinghouse that can be available to support healthcare providers in the event of a significant surge or an interruption in the supply chain. Generally, providers are expected to establish their own supply chains. The below is meant to estimate supply needs with comparison to current clearinghouse levels as of April 27, 2020.

Type	On-hand Lane Co.	30-day Target (non-COVID)	30-day Target 2 ICU	Status
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	Clearinghouse HOSCAP E/S Fire		patients/20 ward patients	
Procedure Masks	216,350			Green
N95 Respirators	48,452	31,800	6,000/7,200	Green
Gowns	12,576	4,500	6,000/7,200	Yellow
Face Shields	5,949	6,750	4,560/6,600	Red
Gloves	265,244	92,000	11,040/15,600	Green

6. **Blueprint on the Process of Restriction Relaxation.** This blueprint is designed to create clarity for policy makers, healthcare providers, community partners, and the general public about the thresholds that will be used to begin relaxing current restrictions, and those triggers that might indicate a need for slowing or reversing that relaxation of restrictions. This document reflects the data that Lane County officials will use to begin the relaxation of restrictions, and to monitor the situation throughout the period of re-opening Lane County. Until there is a widely available vaccine, Public Health Officials must be vigilant in watching for, and preparing for, a potential second wave of disease in our community. The attached guidelines developed by the Governor’s Office will be critical to ensure that restrictions are relaxed in a way that still maintains safety and public health, while moving forward with the important reopening of community businesses and services.
7. **OHA Support for Restriction Relaxation.** Because the SAS CoV-2 virus does not acknowledge city or county boundaries, a coordinated statewide framework is important to support this work. Governor Brown has provided a roadmap for Oregon, taking into account data with a clear eye toward protecting the health of Oregonians, and Lane County will move forward within the guidelines included in that plan. The components of the statewide roadmap include:
- Gating Criteria
 - Symptoms
 - Cases
 - Hospitals
 - Core State Preparedness
 - Testing & Contact Tracing
 - Healthcare System Capacity
 - Plans
 - Phased Approach Guidelines

The County intends to defer to the Governor’s guidance and Executive Orders for employers and the public, as well as for specific sectors (see Appendices). This will help provide clarity and limit confusion for the community as we all work together to carefully reopen Lane County.

Data Triggers to Monitor for Future Action

One role for Public Health during this process of reopening the community will be to monitor for any impacts the changes have on disease levels, and to initiate any appropriate responses quickly. Each day additional data is released about this virus, how it spreads, and how it might be contained. The triggers listed below are not stand-alone indicators that relaxation should be halted or reversed, but would be flags that signal an immediate assessment should be conducted to determine the best course of action.

- Significant increases in number of cases: More than 3 new cases in a day that are not epidemiologically linked
- Number of people hospitalized for COVID-like illness
- Significant outbreaks in individual communities or specific settings may necessitate targeted action in that area or setting.

Appendix A: State Guidance for Employers and General Public

- [Employers](#)
- [General Public](#)

Appendix B: State Sector-Specific Guidance

- [Retail](#)
- Child Care [Currently in development by Governor's Office]
- [Restaurants/Bars/Breweries/Tasting Rooms](#)
- [Outdoor Recreation](#)