

Open Oregon: Open Clackamas









All Oregon counties need to establish a number of safeguards and meet criteria in order to restart businesses and public life in compliance with Governor Brown's draft framework. Visit this web [link](#) for additional information about the safeguards and criteria. The establishment of each safeguard requires collaboration between public health officials, hospitals, government agencies, businesses, and Clackamas County community members. As the safeguards are put in place, and criteria are met, Clackamas County can begin to reopen.

The reopening will occur in three separate phases, each of which will depend upon on how well the safeguards are working. The safeguards, which are in various stages of development in Clackamas County, include the following components:

1. Public Health Data. Clackamas County's Public Health Division ("Public Health") is measuring how fast Covid-19 is growing within our communities. As the state reopens, Public Health will need to continue to monitor the number of new Covid-19 cases, hospital admissions, and the number of people who report Covid-19 symptoms. Public Health will continue to measure how Covid-19 is impacting communities most at-risk of the virus, including our communities of color and people who live in congregate settings like long-term care facilities, adult foster care homes, and jails.
2. Testing. Hospitals, community health clinics, and Public Health have tested many of our community members for Covid-19. As we reopen, Clackamas County and our regional health system partners, will need to expand testing to monitor whether Covid-19 cases are increasing, especially in underserved communities.
3. Contact Tracing. Public Health finds and monitors those who have come into contact with someone who has Covid-19 and notifies people exposed to the virus. Clackamas County will need a larger, culturally-specific workforce and new technology to respond to an increase in the number of Covid-19 cases as Oregon reopens.
4. Health System Readiness. Hospitals will need to maintain their capacity to test, treat, hospitalize, and safely discharge people with Covid-19. Clackamas County will also need to expand its isolation strategy for those who test positive for the virus and have come into contact with others. In particular, plans need to be in place to protect and isolate those who have the virus, or are being monitored for symptoms, but do not have stable housing or employment benefits, and may need additional social supports.
5. Personal Protective Equipment. Health care professionals, emergency responders, and other workers who come into contact with the public need adequate levels of personal protective equipment ("PPE") to safely perform their jobs. Clackamas County receives PPE from the federal government, the state, private donations, and direct purchasing. In order to safely reopen, the PPE supply chain will need to stabilize and the quantity of PPE will need to increase.

Safeguard status

Reopening will occur in three separate phases, each of which will depend upon on how well the safeguards are working. Based on the below status of each safeguard, Clackamas County is not yet ready to reopen.

Safeguard	Criteria to determine reopening and three phases	Current status of reopening criteria in Clackamas County
Public Health Data	 hospital admissions	-The rate of cases are decreasing over time but new cases are still occurring each day -Fewer symptomatic individuals are going to Emergency Departments each day
Testing	 access to testing for vulnerable populations  testing rate to 30 per 10k per week	-In the process of expanding testing to vulnerable populations ("Go Teams")
Contact Tracing	 workforce to monitor and communicate with all those who have come into contact with a confirmed case  ability to trace 95% of all new cases within 24 hours	-OHA released new investigative guidelines that define "robust contact tracing" -In the process of identifying workforce needs (Clackamas needs 15 contact tracers per 100k people; workforce needs to be able to speak commonly-used languages)
Health System Readiness	 ability to test, treat, hospitalize, and safely discharge people with Covid-19	-One site operating in Clackamas County for cases who are unstably housed and discharged from the hospital; have not yet needed to use site -Currently distributing hotel vouchers for individuals who are unable to isolate -Need to develop a narrative of how Clackamas County will need to respond to three different outbreak situations -Area hospitals will need to demonstrate their ability to support a 20% increase in hospitalizations -Working with regional and state partners to evaluate isolation strategy, areas of overlap, and potential resource sharing
Personal Protective Equipment	 quantity of PPE  stability of supply chain	-EOC presently managing and disseminating PPE -PPE supplies are still below what the County's first responders are requesting

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“Open Oregon” framework

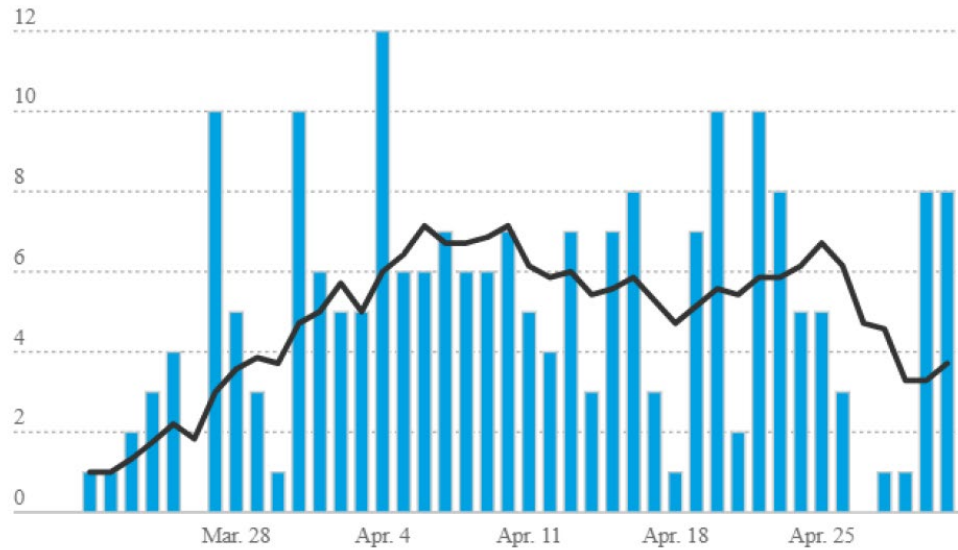
- The framework, and methods of monitoring, include the following components:
 - Adequate supply of personal protective equipment
 - Health system readiness
 - Able to safely treat, hospitalize, and discharge all patients
 - Able to isolate community members who are unstably housed or in congregate settings
 - Public health data
 - 14-day decline in hospital admissions
 - Contact tracing
 - Data infrastructure
 - Increased workforce to conduct contact tracing
 - Social supports for those who are quarantined or isolated
 - Testing
 - Testing infrastructure

What is Clackamas County's responsibility to "Open Oregon?"

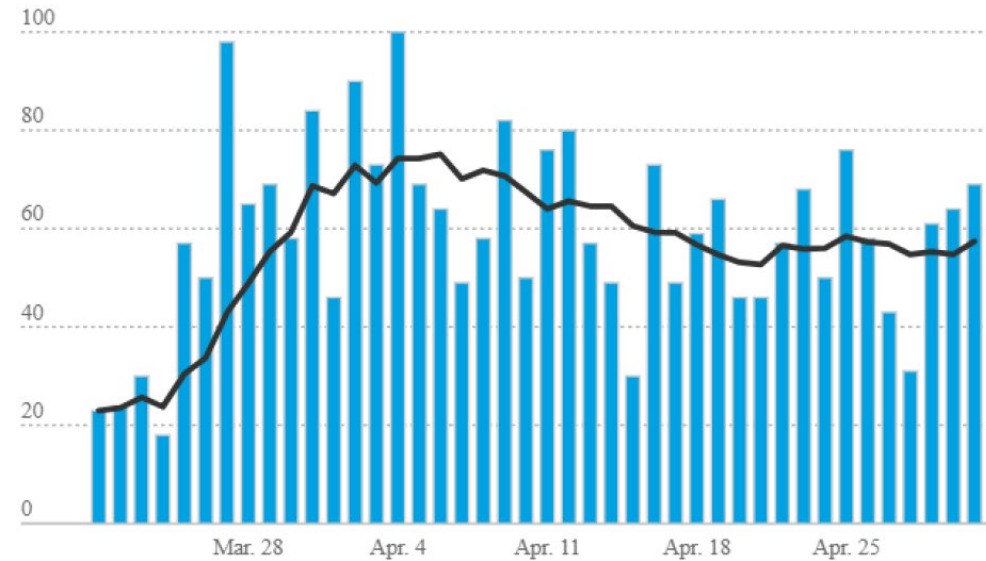
- Enforcing Executive Orders for physical distancing
- PPE support
 - EOC manages and disseminates PPE
 - Work in partnership with health systems and first responders
- Health system readiness
 - Done in partnership with health systems
- Social and behavioral health supports for vulnerable populations
- * **Monitoring data trends**
- * **Conducting contact tracing**
 - Social and behavioral health supports for community members in quarantine and isolation
- * **Testing**
 - Developing "Go Teams" to reach vulnerable community members

Physical distancing has worked to “flatten the curve”

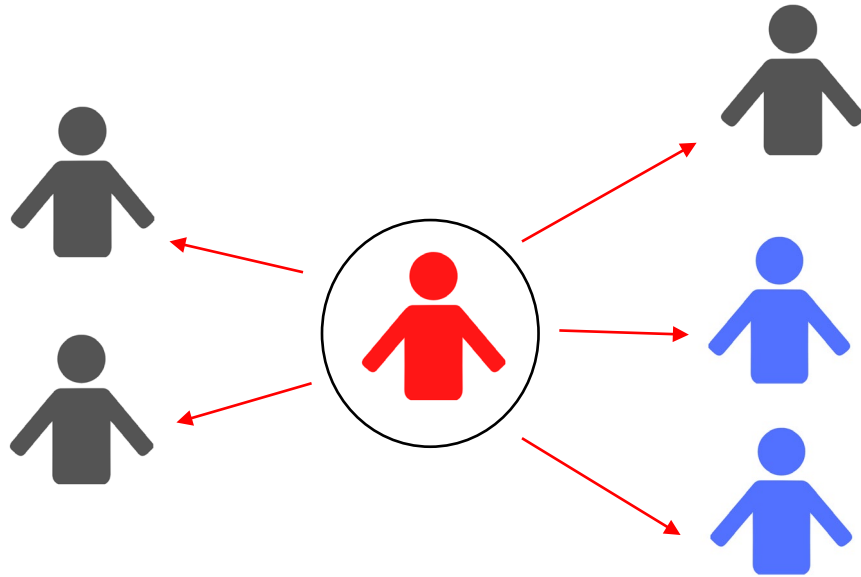
New Confirmed Cases, Clackamas County, OR



New Confirmed Cases, Oregon



Contact tracing: Current state

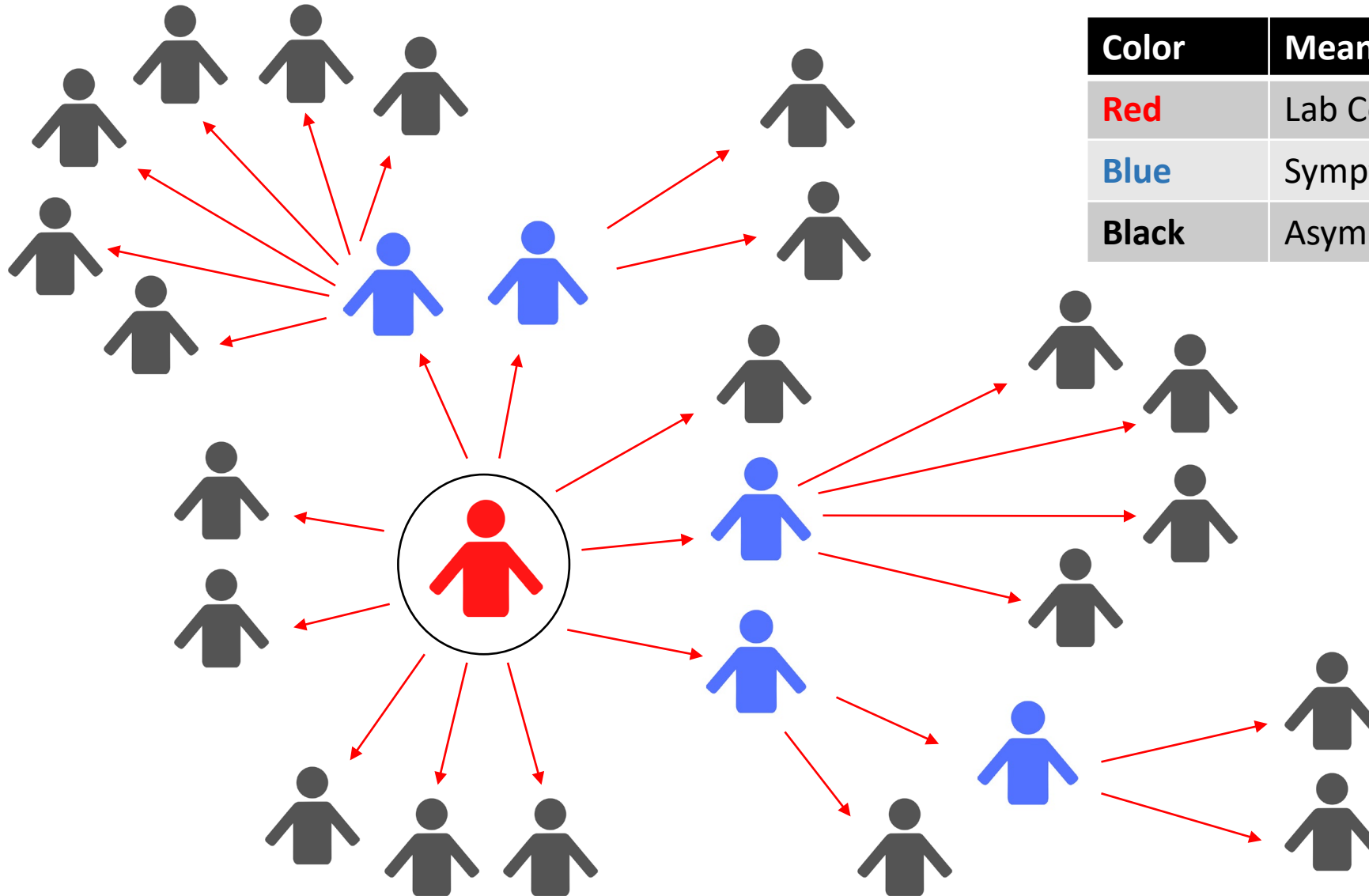


Color	Meaning
Red	Lab Confirmed Case
Blue	Symptomatic Contact
Black	Asymptomatic Contact

How is “Open Oregon” changing contact tracing?

- “Open Oregon” will cause more Covid-19 cases
- OHA developed new contact tracing guidelines, which include additional factors to increase community safety:
 - More clinical symptoms
 - Definition of close contact from 60 to 15 min.
 - Investigating presumed cases
 - Monitoring asymptomatic contacts for 14 days
 - Quarantine asymptomatic contacts for 14 days
- Social and behavioral health supports for isolated and quarantined individuals

Contact tracing: Future state



Color	Meaning	Monitor
Red	Lab Confirmed Case	1
Blue	Symptomatic Contact	5
Black	Asymptomatic Contact	21

Current state: Approximately 10 cases a day

1 case results in:

- 6 interviews (1 case + 5 contacts) conducted
- 6 letters sent

X 10 cases = 60 interviews and
60 letters per day

Future state*: 20 cases a day?

1 case results in:

- 27 interviews
- 27 letters sent
- 21 PUMs

X 20 cases = 540 interviews;
540 letters; and 420 PUMs
per day

**Note: this is based on a very conservative estimate that each presumptive case has average 4 contacts with whom they spent 15 minutes or more....*

What if Carl...

- Is non-English speaking and lives in a migrant camp?
- Is 85 years-old and lives in a skilled nursing facility?
- Lives in a tent with his girlfriend in the forest near Estacada?
- Is an emergency room doctor?
- Lives in a crowded home with eight other people, including his elderly parents?

Who will provide the social supports for isolation and quarantine?

Contact tracing: Staffing estimates and available resources

- Recommendations are 15-30 investigators per 100,000 people
 - 65-135 investigators for Clackamas County
 - High end probably includes social supports
- Public Health is working to refine workforce needs
 - Resources under development:
 - Nursing students and newly graduated nurses
 - OHA – 600 contact investigators
 - Approved, repurposed County staff

Testing: “Go Teams” for vulnerable populations

- Latinx community members
- Congregate living settings (e.g., long term care facilities and adult foster homes)
- Houseless community members
- Symptomatic case contacts

Phase 1: What to expect

- May vary by region of the state
- Governor's Office has assigned sector-specific workgroups to determine reopening operating procedures
- Only occurs when all the safeguards are in place
- Services at each stage are under negotiation, proposed Phase 1 follows:
 - Small social gatherings; less than 10 people
 - Non-emergency medical procedures
 - Some personal services
 - Sit down dining with physical distancing

Moving into recovery and resiliency

- Behavioral health – depression, anxiety, suicide, substance use
- Economic health – unemployment, rent, utilities, food
- Family dynamics – abuse, divorce, conflict
- Education – parents are the new teachers, quality is widely variable
- Access to services – medical, legal, personal
- Environmental impacts