| Systems of Contact Identification and Notification | | |
|-----------------------------------------------------------|------------------|--|
| | | |
| OREGON DEPARTMENT OF EDUCATION Oregon achieves together! | Health Authority | |

Transparency

This training is a collaborative effort:

- It draws on "best practices" and resources from the Oregon Department of Education (ODE), the Oregon Health Authority (OHA) and the Centers for Disease Control and Prevention (CDC).
- We work closely with state, county and local public health officials as well as community-based partners to respond to changing needs, protocols and capacity.



Who we are...

Nhu To-Haynes and Nicole Browning

Commitment and Experience:

- We are Public Health educators and practitioners
- We work in academia and in community settings
- We have harm reduction experience and are comfortable conversing about sensitive topics
- We prioritize supporting communities at risk for additional harm
- We value training and outreach as a tool for bridging



Training Schedule

Welcome and Introductions!

Module 1: COVID-19

Module 2: Trauma Informed Principles
Module 3: Preventing Community Spread

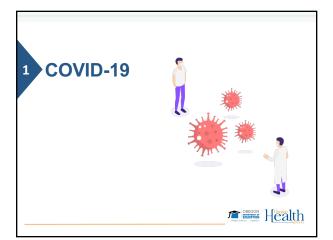
Break: 5-10 Minutes

Module 4: COVID-19 Response in Schools Module 5: COVID-19 Case Presentations

Module 6: Next Steps

End: Noon





What is it?

COVID-19 is a respiratory disease that is caused by the SARS-CoV-2 coronavirus. Coronaviruses aren't new—they are a large family of halo shaped viruses, common in many species of animals, that can be transmitted to humans. Common animal carriers include cats, cattle, camels and hats

The most common route for human infection is mucous membranes in our eyes, nose and mouth.



Source: CDC.gov

OREGON BENEFITIALE OF BENEFITION HEALTH

What's in a name? CO = Corona VI = Virus D = Disease 19 = 2019



Updates

- Vaccines are widely available.
- Communities are slowly returning to normal.
- The virus is now endemic and annual booster shots may be recommended.
- New cases will be guided to isolate.
- Unvaccinated close contacts will be guided to quarantine.
- Fully-vaccinated close contacts may be exempt from quarantine.

Person Health

Viral Characteristics

- Viruses change constantly through mutation
 - New variants are expected to occur
 - Don't always result in increased virulence
- Mutations are minor "replication" errors
 - Caused by incompatibilities between virus and "host"

 cells
 - Multiple strains can infect the same cell
 - New cells may become "unrecognizable"
- 3 Categories of Variants
 - Variants of Interest (VOI)
 - Variants of Concern (VOC)
 - Variants of High Consequence (VOHC)

Source: CDC.gov



Variants of Concern

- Alpha (B.1.1.17)
 - First identified: United Kingdom
 - Faster transmission
 - Appears to be *more virulent*
 - Current vaccines are effective
 - Treatments are effective
- Beta (B.1.351)
 - First identified: South Africa
 - Higher transmission
 - Does not appear to be more virulent
 - Current vaccines are effective
 - Treatments are <u>less</u> effective

Source: CDC.gov



Variants of Concern

- Gamma (P.1)
 - First identified: Japan/Brazil
 - Higher transmission
 - Appears to be *more virulent*
 - Current vaccines are effective
 - Treatments are <u>less</u> effective
- Delta (B.1.617.2)
 - First identified: India
 - Higher transmission
 - Appears to be *more virulent*
 - Current vaccines are effective
 - Treatments are <u>less</u> effective

Source: CDC.gov



| Til. | A Comment | July 12 | July 6 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|---------|
| | | | W. N. |
| | August 9 | August 2 | July 26 |
| N. | | | |
| The same of the sa | OREGON HE | | |

How it Spreads

 Airborne—close contact between people (within 6 feet for 15+ mins (cumulative over 24 hours)
 Droplets/aerosol mist from coughs,



sneezes, singing or talking of infected person are inhaled by non-infected person

Contact with contaminated objects or surfaces

- Possible but not the most common route
- Survival time on surfaces:
- Cloth up to 2 days
- Plastic and wood up to 3 days
- Metal and glass up to 7 days

Source: CDC.gov



Infection Type

Asymptomatic 40-45%:

A person may never develop <u>any</u> symptoms of the illness.

Symptomatic 55-60%:

A person develops symptoms of the disease.



When a person is infected with the virus that causes COVID-19, they *may or may not* have symptoms:

- Average onset of symptoms is 5 days
- Peak infectiousness is two days before and one day after symptoms onset
- Reinfection can occur!

Source: CDC.gov



Symptoms

COVID-19 can cause a range of symptoms; from mild to severe. When symptoms do appear, they usually emerge between 2-14 days after someone is first exposed to the virus and may include:

- Fever
- Cough
- Shortness of breath
- · Repeated shaking with chills
- Muscle pain
- Headache
- Sore throat
- New loss of taste or smell





16

Higher Risk for Severe Outcomes

- People ages 60+
- People who <u>live or work</u> in congregate settings like skilled nursing, assisted-living, psychiatric hospitals, correctional facilities and schools.
- Pregnant people
- · Weakened immune system
- · Chronic lung disease or asthma
- · Cardiovascular disease
- · Serious heart condition
- Uncontrolled diabetes
- · Organ disease or organ failure

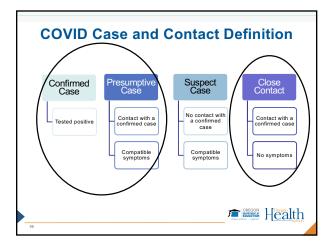




Testing, Immunity, Vaccination

- Testing
 - The virus can be detected as early as 3-4 days after exposure, but the entire incubation period is 14 days.
 - A negative test before the end of 14 days is <u>NOT</u> a guarantee that the infection won't take hold!
- · Infection-based Immunity
 - Wanes at approximately 3 months
 - Reinfection is possible
- Vaccination
 - Everyone above the age of 12 is eligible to be vaccinated.

| OREGON HOSEITON HOSEIT |
|------------------------|
|------------------------|



Isolation Guidance

Isolation is used to separate Confirmed and Presumptive Cases separate from people who are not infected (whether they are symptomatic or asymptomatic).

OHA recommends 10 days.

People who are in isolation should stay home until it's safe for them to be around others:

- · At home, anyone sick or infected should separate themselves from other household members
 - Stay in a specific "sick room" or area
 - Use a separate bathroom (if available)
- · Avoid contact with household pets
- Don't share personal household items, like bedding towels, dishes, and utensils
- Wear a mask when around other people.

 Tealth



Quarantine Guidance

Quarantine is intended to reduce the risk that a Close Contact unknowingly transmits infection to others.

OHA recommends 14 days, but Local Public Health Authorities may establish shorter quarantine options for their jurisdiction.

- 10 Days Quarantine may be discontinued after Day 10, if no symptoms have been reported during daily
- 7 Days Quarantine may be discontinued after Day 7, with a **negative test** and if **no symptoms** have been reported during daily monitoring.
 - Test should occur within 48 hours before the time of planned quarantine discontinuation. OREGON BENEFITIALE OF BENEFITION HEALTH

Quarantine Duration

Unvaccinated people should:

- Stay home for 7-14 days.
- Respond to daily symptom monitoring.
- Follow directions from their state or local public health authorities

Vaccinated people are not required to quarantine if they:

Remain asymptomatic since the current COVID-19 exposure.



Stay Home. Save Lives.

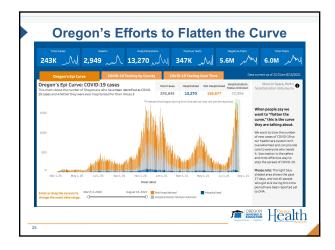
OREGON SENERALE SEEDLESTING HEALTH CEALTH

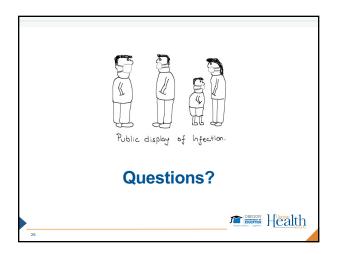
State Emergency Health Powers Act

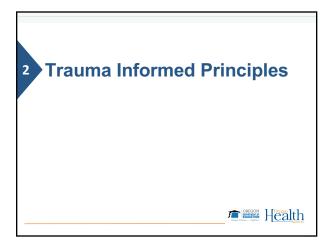
During a Public Health emergency, State and local authorities are empowered to carry out the following functions:

- 1. Comprehensive planning for public health emergencies.
- 2. Surveillance measures to detect and track public health emergencies.
- Protection of persons, testing, treatment, isolation and quarantine when clearly necessary.
 Management of property, ensure adequate
- Management of property, ensure adequate availability of vaccines, pharmaceuticals and hospitals, as well abate hazards to the public's health; and
- 5. Communicate clear and authoritative information to the public.









Topics

- · Community Impact
- · Trauma Informed Approach
- · Security and Confidentiality

OREGON BRAITION Health

Community Impact Those most affected.. OREGON ENGINEERS HEalth

Most Impacted by COVID-19

Burden of Disease

Nationally, Black, indigenous and people of color represent a higher percent of COVID-19 confirmed cases compared to the general population.

In Oregon:

- In some regions, hospital bed capacity is at or near limits in both staffed adult ICU (intensive care units) and non-
- Increase in cases among younger age groupsDelta variant is affecting all communities in Oregon

 - National Guard assistance requestedAthletic seasons postponed due to outbreaks

OREGON BENEFITIALE OF BENEFITION HEALTH

Impact on Prohibited Populations Systematically Marginalized: Public Health role - Communities that already face - Address systemic oppression discrimination are exposed to additional harm - Facilitate access to direct care · communities of color · undocumented individuals • people experiencing houselessness · people impacted by mental health people experiencing addictions · people living functional limitations - People relegated to underresourced communities · low socioeconomic status • low educational achievement oregon Health **Bridging with Trauma Informed Principles** Safety

- Trustworthiness and transparency
- Peer support and mutual self-help
- · Collaboration and mutuality
- Empower voice and choice
- Consider, recognize and provide for cultural, historical, and gender issues

OREGON BENEFICIAL HEALTH

32

Trauma Informed Approach Cultivate Lasting Resilience

When will a trauma informed approach be important?

- Conversations with parents and guardians around face covering requirements
- Building trust with school community through transparent communication
- Offering information about resources for those asked to quarantine or isolate
- Listening to concerns and/or grievances
- Being supportive of local public health authorities (LPHAs) guidance





Confidentiality

- You have access to confidential information
- This is a delicate and frightening time for people, your community should be able to trust you with their information.



OREGON STREET ON BETWEEN HEALTH

Maintain Privacy

- Remember, this is personal, protected health information.
- Do not share information with anyone in your home or social circle.
- Having access to information or a database does not give you the right to look up your family, friends, acquaintances, nemesis, political figures, etc.





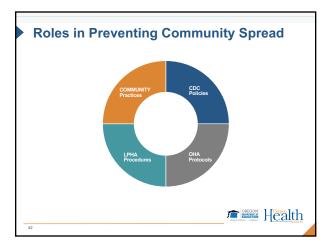


Topics

- Roles in Preventing Community Spread
- Centers for Disease Control and Prevention (CDC)
- Oregon Health Authority
- Local and Tribal Public Health Authorities and Community Partners
- Community Members
- Resources

OREGON Health

Preventing Community Spread





Role: CDC NNDSS

National Notifiable Diseases Surveillance System

Categories (partial list)

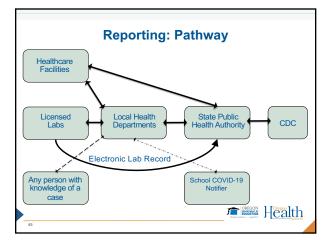
Vaccine-preventable

- Food and waterborne pathogens
- Sexually transmitted infections
- Outbreaks
- Diseases of "possible public health significance"

Delegated Authority

- State Public Health Authority
 - Healthcare Providers
 - Healthcare Facilities
 - Licensed Laboratories







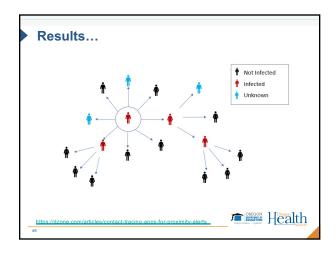
COVID-19 Reporting

In Oregon, the following COVID-19 events are reportable:

- COVID-19 laboratory results (positive and negative)
- COVID-19 related hospitalizations
- COVID-19 related deaths

OREGON HEATHER HEATH







Role: Case Investigator

- Contact positive and presumptive Cases to conduct investigative interview.
- Collect demographics, health history, discuss travel, social interactions, and identify close contacts.
- Provide isolation guidance and information or education about reducing the risk of transmitting COVID-19 for themselves or their household members.
- Provide navigation or connection to case management when other services are needed.
- Link Cases to medical care and treatment, if needed.



Role: Contact Tracer

- · Notify Contacts of their exposure.
- Collect demographics and assess Contact for symptoms.
- Refer Contacts to COVID-19 testing.
- Provide quarantine guidance and information or education about reducing the risk of further exposure or acquiring COVID-19 for themselves and their household members.
- · Check-in daily to monitor Contact for symptoms.
- Provide navigation/refer to Pandemic Relief Programs.
- Refer to LPHA or CBO for case management when other services are needed.
- · Link Contacts to medical care and treatment, if needed.



52

Role: School COVID-19 Notifier

- · Assess individuals for symptoms.
 - Conduct COVID-19 testing and report results (where available)
 - Report Cases to LPHA (when applicable)
- Notify of need to Quarantine/Isolate
 - Cases are asked to **promptly isolate**.
 - Close contacts are asked to **promptly quarantine**.
 - Reinforce Quarantine/Isolation guidance.
- Respond to inquiries with referrals to:
 - Pandemic relief programs and services
 - LPHA or CBO for case management for other unmet needs
 - Medical care



OREGON HEATTHE HEALTH

Community Members

Practices

School Safety

E4

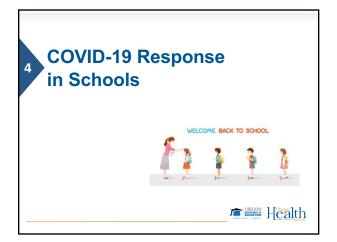
Role: Families and Community Members

- Review Initial COVID-19 Guidance
 - Letter to Caregivers, Parents, and Families: Prevention and Information
 - COVID-19 Guidance Document for Caregivers, Parents, and Families
 - Prepare with Isolation and Quarantine Home Checklist
 - Return signed consent forms for COVID-19 testing (where requested)
- Comply with Quarantine or Isolation Guidance
 - When notification is received from school
 - Follow guidance provided by LPHA



OREGON ERROR HOLE BOUCHTON HEALTH

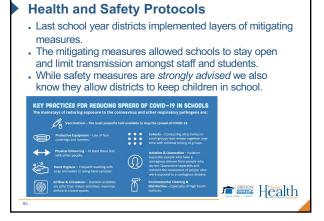


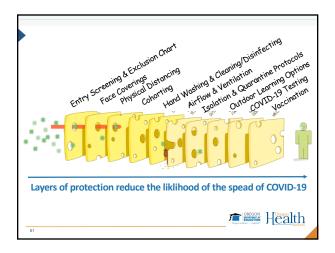


Topics Health and Safety Protocols Identification Notification Reinforce Isolation/Quarantine Guidance Pandemic Relief Resources

OREGON BORTHON HEalth

Health and Safety Protocols





Cohorting

Cohorts help manage risks in the potential spread of COVID-19. In particular, the size of a cohort, or the number of students who interact with each other, matters for risk management.

Student cohorting:

- Limits the number of exposed people when a COVID-19 case is identified in the school
- 2. Quickly identifies exposed individuals when a COVID-19 case is identified
- 3. Minimizes the number of people who may need to be quarantined as well as school-wide disruptions in student learning.

 Tealth

 **T



Daily Logs

A system for maintaining daily logs for each student/cohort is recommended for the purposes of contact tracing.

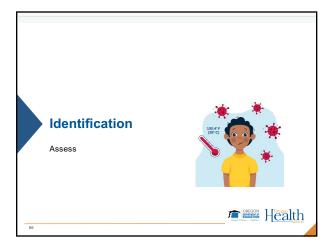
- Developed in consultation with school/district nurse or
- Sample logs are available as part of the Oregon School Nurses Association COVID-19 Toolkit.

OREGON BRAITION Health

LPHA Relationship

- Protocol for notifying the LPHA when there is a confirmed or suspected case among staff or students.
- 2. Process to report to LPHA any cluster of illness among staff or students.
- Provide logs to LPHA of any confirmed COVID-19 cases or staff <u>OR</u> when notified of a confirmed COVID-19 case among students or staff.
- 4. Protocol to cooperate with LPHA recommendations related to COVID-19 health protections and quarantine timelines.

OREGON ENGLISHMENT OF BOUCHTION HEALTH



Assessment

- Primary symptoms require exclusion
 - Cough
 - Temperature of 100.4F or higher
 - Chills
 - Shortness of breath
 - Difficulty breathing
 - New loss of taste or smell
- On-site Testing (where available)
 - Report positive results to LPHA

OREGON BRAITION Health



Common Communications Letter to Caregivers, Parents, and Families: Prevention and Information - COVID-19 Guidance Document for Caregivers, Parents, and Families - Isolation and Quarantine Home Checklist Notification - Letter of Notification - Exposure to COVID-19 - Letter to Staff and Caregivers - Case of COVID-19 in School Resources - COVID-19 FAQs for School Staff When Speaking to Caregivers and Families - Resources During COVID-19 OREGON BENEFITIALE OF BENEFITION HEALTH



Needs and Resources Reinforce Guidance Isolation Cases 10 days Common Concerns Lost/reduced wages Risks to employment Housing security Food security Energy bills Cuarantine Close Contacts 7-14 days









| 001/10 40 | _ |
|-------------------------------------------------------------------------------------------------------------------------------|---|
| COVID-19 5 School Coop Proportations | |
| School Case Presentations | |
| | |
| | |
| | |
| | |
| | |
| OSEGON 1 FOreen 1.1 | |
| rain Health | |
| | |
| | |
| | |
| | 1 |
| | |
| | |
| | |
| | |
| | |
| South Coast Region | |
| | |
| | |
| | |
| ** GEROON Health | |
| 77 | |
| | |
| | |
| | |
| | 1 |
| South Coast Region | |
| Significant Challenges | |
| Figuring out how to keep cohorts as low as possible. The | |
| more the students transition between activities the more contacts they have. | |
| What to do for lunch and recess? The students generally congregate in the same place during these times. | |
| How do we keep the outside public from interacting with | |
| the school populations? | |
| Communicating calmly and effectively to students, staff and families when cases and exclusions arise. | |
| | |
| Person Health | |

South Coast Region

Most Beneficial

- Setting a consistent system and touchpoint between the district and the LPHA to communicate for positive cases and exclusions.
- Designing and training on contact logs with clear and accurate information.
- Utilizing effective signage.
- Proactive training of staff, families and students.



79

South Coast Region

What I Would Do Differently

- Do a dry run of the protocols for exclusion and isolation before the first case.
- Prepare 2-3 of the most frequent communications prior to the first case.
- Take contact information for students and staff home with you or ensure you have remote access.
- Understand and utilize metrics located in the CDMP in order to make decisions on loosening measures.



80

South Coast Region

Thankful For

- OHA and LPHA Partners.
- Staff who had safety in their minds eye.
- · Colleagues to share ideas and resources.
- Students who hung in with us when we were learning.



| | - |
|----------------------------------------------------------------------------|----------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| Oregon School for the Deaf | |
| | |
| | |
| | |
| | |
| | |
| | |
| OREGON PROBLEM HEALTH | |
| 82 | |
| | - |
| | |
| | |
| | |
| | |
| | |
| | |
| Oregon School for the Deaf | |
| | |
| Significant Challenges | |
| Becoming the perfect vector "super spreader" situation | |
| due to our students coming to OSD campus from 49 | |
| different school districts, from all areas in Oregon, to one | |
| central location during the week. | |
| Having a dorm element – many of our students stay | |
| during the week in dorms with mixed ages, then travel | |
| home on the weekend. Keeping masks on and remaining | |
| physically distanced from each other is a challenge past | |
| the school day and keeping the cohorts separated by | |
| age, limiting exposure to each other. | |
| | |
| OREGON 1 [Oregon 1, 1 | |
| DESCRIPTION Health | |
| 83 | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| Oregon School for the Deaf | |
| Significant Challenges – continued | |
| | |
| Feeding students safely with the monotony of limited feed shairses. | |
| food choices. | |
| Communication between student and home is stressed | |
| at best – many parents do not use ASL fluently. | |
| Educating the students to our communal responsibility | |
| and helping them understand the WHY is paramount. | |
| Differing political views and criticism of mandatory mask | |
| wearing for Deaf children remains a challenge. | |
| | |
| | |
| | |
| OREGON Health | |
| angor consist topicary | |

Oregon School for the Deaf

Most Beneficial

- Having consistent and regular messages from leadership in English/Spanish/ASL going to staff/students and families
- OSD Safety Officer has the last word our maintenance supervisor has a military background and is very convincing.
- Daily OSD Facility Entry COVID-19 Screening no exceptions. No volunteers, no fieldtrips, no outside fans for sports – less people to mitigate the risk we expose our students to.
- Safe room for isolation set up, individual cafeteria tables, signage, example set by Deaf adults.

Personal Health

85

Oregon School for the Deaf

What I Would Do Differently

- Create more opportunities for expressing feelings through the process, using student/staff stories to educate each other about the risks of being infected with COVID
- Engage with medical professionals who know ASL to share videos instead of having materials interpreted.
- Time construction projects differently so that when we came back we weren't in the midst of improvements and contractors in our school.
- Not worried so much about how much it cost us to ensure every student had access online, or mailings of packets of materials, or home visits. Every interaction was valuable.

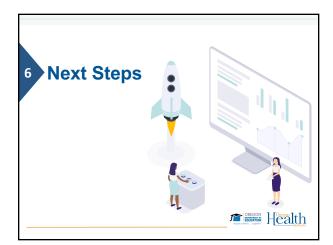
Oregon School for the Deaf

Thankful For

- Flexible staff who showed innovation and creativity, in the midst of seemingly impossible situations.
- Our School Nurse who communicated with our LPHA and OHA and kept us all as safe as possible.
- A Safety Committee, already well-established, who would calmly communicate and keep the rumor mill at bay.
- Solid guidance from ODE: since we are a school that serves the state, it feels good to have clear guidance that we can take and translate for our population

| 瘡 | OREGON | Н | Ca Ca | l | ŕ |
|---|--------|---|----------|---|---|
| | | | | | |





Preparedness Review

Recommended Activities

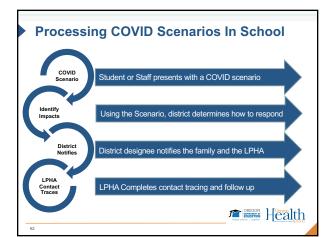
- Planning for COVID-19 in Schools Toolkit (*August 16, 2021*)
- School Infection Prevention and Control training

OREGON ENGINEERS OF EVENTS HEALTH

Preparing to Respond/Report

- Contact Logs/Documentation
 - What tool will you use to track student and staff interactions?
 - What is the protocol to implement these tools?
- What happens if there is a positive case in my school?
 - What is the district's communication plan?
 - Who oversees communication and decision making?
- Local Public Health Engagement
 - Do you know who to contact in your LPHA?
 - Does your LPHA know you and your contact info?





Evaluation

We can only improve with your feedback!

We have provided a link in the chat!

(If you are unable to complete the evaluation now, you will receive another opportunity with the post-training email)



| THANK YOU! This would not be possible without you! Your dedication and commitment to protecting your community's health is what we need to keep folks well and reduce the spread of the virus. | - - - - |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| * OREGON Health | |