COVID-19 Public Health Update

Nahad Sadr-Azodi
Director of Public Health

Dr Richard Fawcett
Health Officer

Dr George Conway
Administrator

Deschutes County Health Services

BoCC meeting | September 2, 2020
Population immunity is a function of...

A. Vaccination coverage and vaccine effectiveness
B. Blood type and vaccine efficacy
C. Vaccine dose and immunogenicity
D. Basic reproduction number and herd immunity
Individual choices
Labor day weekend
The Tale of Two Counties

A large family with three confirmed cases exposed at least five other families through a social gathering. One family lives in another county and one of the household members works with an elderly woman who became positive and exposed several other women who also became sick and tested positive.

There were 17 associated Covid-19 cases who isolated for 10 days or more and 18 additional contacts who quarantined for 14 days. The outbreak occurred over a 1 ½ month period and 2 people were hospitalized.

Source: Deschutes County Health Services Covid Case Investigation Team
Deschutes County Cases by Week

693 Cases
588 released from isolation
11 deaths

Mandatory mask use

Data as of 9/1/20
Data are shown based on the date a case first became identified as a case.
Deschutes County Cases by Age Group Breakdown

- 0-9: 25 cases
- 10-19: 60 cases
- 20-29: 146 cases
- 30-39: 107 cases
- 40-49: 103 cases
- 50-59: 82 cases
- 60-69: 73 cases
- 70-79: 51 cases
- 80-89: 26 cases
- 90+: 17 cases
- 90+: 3 cases

Data as of 9/1/20
Deschutes County Cases by Age and Month

Data as of 9/1/20

### March and April

- **<30**: 22%
- **30-59**: 40%
- **60+**: 38%

### May

- **<30**: 59%
- **30-59**: 37%
- **60+**: 4%

### June

- **<30**: 25%
- **30-59**: 60%
- **60+**: 16%

### July

- **<30**: 36%
- **30-59**: 42%
- **60+**: 23%

### August

- **<30**: 30%
- **30-59**: 40%
- **60+**: 30%

**Hospitalization Rates:**
- **March and April**: 29% hospitalized
- **May**: 2% hospitalized
- **June**: 5% hospitalized
- **July**: 5% hospitalized
- **August**: 6% hospitalized
Known Linkages to other Cases

- **March and April**
  - Household Linkage: 10%
  - Cluster, Outbreak, other Close Contact: 16%
  - No known linkage: 74%

- **May**
  - Household Linkage: 10%
  - Cluster, Outbreak, other Close Contact: 67%
  - No known linkage: 22%

- **June**
  - Household Linkage: 7%
  - Cluster, Outbreak, other Close Contact: 56%
  - No known linkage: 37%

- **July**
  - Household Linkage: 25%
  - Cluster, Outbreak, other Close Contact: 51%
  - No known linkage: 24%

- **August**
  - Household Linkage: 30%
  - Cluster, Outbreak, other Close Contact: 50%
  - No known linkage: 20%

Data as of 9/1/20
Data for the most recent few weeks is not yet complete due to testing turnaround time.
Daily Count of COVID-19 Patients Hospitalized (St. Charles Health System Data)

Ever hospitalized: 53

Data as of 9/1/20
School Metrics: Weekly Case Rates per 100,000 population

Data are provisional and subject to change. Weekly case rates are shown by week start date.

Deschutes Data

Benchmark shown is for schools to return to in-person instruction through ODE On-Site or Hybrid Models. Exceptions apply.

Data as of 8/31/20
School Metrics: Test Positivity (%)

Data are provisional and subject to change. Weekly case rates are shown by week start date. Test percent positivity subject to change as more test results are received.

Data as of 8/31/20
School immunization

Want to keep your family healthy?

Routine vaccines:
Safe. Effective. Easy.

#CatchUpGetAhead  Learn more at Vaccines.gov
Flu vaccination

- Vaccines are available!
- All persons over 6 months
- Competing for limited medical resources
key messages

- Be kind
- Understand the 3 Ds
- Avoid the 3 Cs
- Do the 3 Ws

Kindness x 3 Ds x 3 Cs x 3 Ws =
Deschutes United, Caring, Smart.
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