RESPONSE TO COVID-19

Update on October 29, 2020
Timeline - 2020

- **Ongoing**
  - Activation in response to opioid epidemic

- **Early January**
  - (~January 10) – Activated for winter weather
    - Facilitated delivery of food and clearing of roads in east Snohomish County

- **20 Jan**
  - First case of COVID-19

- **28 Feb**
  - Joint Information Center (JIC) activated to support COVID-19 response
    - Activated in response to flooding in February (4539-DR-WA)

- **1 June**
  - Concurrent activation in response to civil unrest and upcoming election
  - Concurrent activation for national election

- **1 Mar**
  - Emergency Coordination Center (ECC) activated for COVID-19
Response to COVID-19

Initial goals:
1. Develop and maintain situational awareness
2. Develop and execute a Countywide strategy for response and recovery
3. Coordinate communications for County departments, external agencies, and the public
4. Ensure whole community response and recovery
5. Support ongoing resourcing needs of partners
Response to COVID-19

Current goals:
1. Appropriately staff the Snohomish County ECC and JIC
2. Maintain and share situational awareness
3. Support resource requests from jurisdictions and partner agencies within Snohomish County
4. Provide timely and accurate information to the public
5. Support goals identified in the Governor’s Safe Start Plan
   - Health Care Readiness
   - Testing Capacity and Availability
   - Case and Contact Investigations
   - Protect High-Risk Populations
6. Mitigate the secondary effects of COVID-19 on county residents
   - Feeding Programs
   - Childcare and Education
   - Mental Health
   - Sheltering
7. Maintain the ability to respond to other crises
Appropriately staff the Snohomish County ECC and JIC

- Number of days activated: 179
- Number of different agencies: 15
- Number of staff: 152
- Total number of hours: 32,199.03
Maintain and Share Situational Awareness

• Via documentation:
  • 23 Incident Support Plans
  • 100 Situation Reports

• Via GIS:
  • Coronavirus Response and Community Resource Hub
  • Snohomish County Common Operating Picture

• Via remote meetings with:
  • Mayors – Weekly
  • County partners – Weekly
  • Regional partners – Twice weekly
  • State EMD – Weekly
Support Resource Requests

- Primary need is personal protective equipment (PPE)
  - Procured ~21 million pieces of PPE
    - Purchased
    - Requested from State stock
    - Donated (~4 million pieces)
- Recipients include hospitals, healthcare, EMS, law enforcement, schools, long-term care facilities, dental offices, and residents
  - Developed local capacity with businesses and 3D printers
- Also support resource needs for all other activities coordinated from the ECC (for example, the isolation and quarantine facility)
Provide Timely and Accurate Public Information

• Over 125 editions of a targeted newsletter, weekly Zoom outreach, numerous virtual press conferences, and informational videos.

• Translated critical public health and business guidance into multiple languages

• SHD and DEM social media accounts have a combined total of more than 8 million impressions during COVID
Support goals identified in the Governor’s Safe Start Plan

- Health Care Readiness
- Testing Capacity and Availability
- Case and Contact Investigations
- Protect High-Risk Populations
Healthcare Readiness

- Helped SHD coordinate an urgently needed update to the County’s medical surge plan
- Worked with state and federal partners to identify sites for military hospitals
- Worked with EMS and SNO911 to develop and implement triggers (Protocol 36)
- Currently coordinating with partners from multiple sectors to ensure a comprehensive medical countermeasures (i.e., mass vaccination) plan
Protecting High-Risk Populations

• Isolation and Quarantine (I&Q) Facility
  • Initially at Angel of the Winds, now at Evergreen State Fairgrounds
  • Current facility has the capacity for 80 people
  • To date, provided space for 196 clients to safely quarantine and/or isolate.
  • A requirement under the Governor’s Safe Start plan

• Snohomish Agencies For Engagement
  • Created to mitigate risk to our unsheltered population
  • Partnership with multiple jurisdictions and agencies
  • Provided direct outreach to over 400 individuals
Mitigate the secondary effects of COVID-19 on county residents

- Food Procurement and Distribution
- Childcare and Education
- Mental Health
- Sheltering
Food Security

• Identified very early the challenges to the grocery sector and made recommendations to mitigate

• Anticipated early on the challenges to local food banks and food network, and need for local agriculture to be part of solution

• Nourishing Neighborhoods
  • Based on in-depth analysis of socioeconomic and transportation data, and food availability
  • 18 locations
  • Delivered more than 7,000 boxes containing fruit and produce, much of it locally grown
Childcare for Essential Workers

- Initiated very early – March 2020 – paused during the summer and resumed with the beginning of the school year
- Partnership with the YMCA and Boys and Girls Club
- Designed to ensure that our essential workers have adequate support to continue working.


Nearly half of child care providers could close permanently due to Covid impacts
Maintain the Ability to Respond to Other Crises

• Since activation in March:
  • Coordinated during period of protests – late May and June
  • Sent staff to support Pierce County ECC – September wildfires
  • Sent staff to Okanogan County EOC – September wildfires
  • Sent staff to Oregon – September wildfires
  • Hosted annual Winter Weather Summit – October
  • Resumed opioid multiagency coordination – July
  • Coordinating preparations for national election night
Also...

• Completed the RCW required update to the Snohomish County Comprehensive Emergency Management Plan, earning “one of the highest ratings” seen by the State EMD Director

• Completed the update to the Snohomish County Hazard Mitigation Plan, which includes 38 planning partners

• Continued work on the FFY 2019 Regional Catastrophic Planning Grant Program award, an eight-county effort

• Facilitated a wildfire tabletop exercise for the county’s fire districts

• Managing $55 million of the County’s CARES Act allocation (~10 years of our budget)

• Hired 32 temporary employees to help fight COVID (nearly tripled our staff)
## Economic Recovery and Resiliency

<table>
<thead>
<tr>
<th>Phases</th>
<th>Program</th>
<th>Amount</th>
</tr>
</thead>
</table>
| Phase I: Response | • Small Business Grant Program - $7.5 million  
• Airport Grant Program - $7 million | $14.5 million |
| Phase II: Recovery | • Workforce Grant Program - $2.5 million  
• Injection of additional funds into Small Business Grant Program and/or Airport Grant Program - $7 million  
• Advisory Groups and Task Force Recommendations focused on Recovery - $2.5 million | $12.5 million |
| Phase III: Resiliency | • Advisory Groups and Task Force Recommendations focused on Recovery - $10 million | $10 million |
| TOTAL           |                                                                         | $37 million |
Updated Website: www.snohd.org/covid

CORONAVIRUS INFORMATION
The Snohomish Health District is tracking COVID-19 carefully and working with the community to reduce the impacts of this virus. We can all help fight this pandemic by staying informed and prepared. This is an evolving situation, and these web pages are updated frequently.

Please click the topic buttons below for more information.
COVID-19 Case Count Info

COVID-19 CASE COUNT INFO
To make it easier to navigate and increasing amount of local COVID-19 data and reports, we have divided our previous case counts page into three topic areas. Please click the buttons below to navigate to case counts, snapshots and reports, or the interactive dashboard.

Local Case Counts
County and city case counts. Graphs: Cases by data. case rate per 100,000 population per 2-week period.

Snapshots and Reports

Data Dashboard
Interactive dashboard provided by Washington State Department of Health.

www.snohd.org/casecounts
COVID-19 Rolling 2-week Case Rate

Snohomish County COVID-19 Case Rate per 100,000 for 2-week Rolling Periods

Through October 24, 2020

Snohomish Health District
COVID-19 Cases by Age and Date

Snohomish County COVID-19 Cases by Report Date and Age Group

Through October 24, 2020

Snohomish Health District
## COVID-19 Cases by Age & Time

<table>
<thead>
<tr>
<th>Age group (yr)</th>
<th>Oct 11 –Oct 24</th>
<th>Oct 4 –Oct 17</th>
<th>Sep 27- Oct 10</th>
<th>Cumulative 01/20/2020-present</th>
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</thead>
<tbody>
<tr>
<td>0-14</td>
<td>84</td>
<td>78</td>
<td>57</td>
<td>761</td>
</tr>
<tr>
<td>15-19</td>
<td>60</td>
<td>59</td>
<td>49</td>
<td>619</td>
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<td>20-29</td>
<td>207</td>
<td>172</td>
<td>139</td>
<td>1840</td>
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<td>30-39</td>
<td>191</td>
<td>183</td>
<td>138</td>
<td>1708</td>
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<td>40-49</td>
<td>190</td>
<td>154</td>
<td>99</td>
<td>1545</td>
</tr>
<tr>
<td>50-59</td>
<td>137</td>
<td>101</td>
<td>81</td>
<td>1417</td>
</tr>
<tr>
<td>60-69</td>
<td>87</td>
<td>66</td>
<td>50</td>
<td>940</td>
</tr>
<tr>
<td>70-79</td>
<td>28</td>
<td>23</td>
<td>18</td>
<td>478</td>
</tr>
<tr>
<td>80+</td>
<td>47</td>
<td>33</td>
<td>10</td>
<td>455</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>12</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>1031</strong></td>
<td><strong>869</strong></td>
<td><strong>641</strong></td>
<td><strong>9775</strong></td>
</tr>
</tbody>
</table>
SARS-CoV-2 Test Positivity

Snohomish County Percent Positivity Rate of COVID-19 Tests

Total tests October 18-24: 9,504
COVID-19 Rates by Race & Ethnicity

Snohomish County COVID-19 Case Rates per 100,000 by Race and Ethnicity

Through October 28, 2020
# Severe COVID-19 by Race & Ethnicity

<table>
<thead>
<tr>
<th>Race non-Hispanic</th>
<th>Cases</th>
<th>Hospitalizations</th>
<th>Deaths</th>
<th>% of cases (95%CI)</th>
<th>% hospitalized</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>African American</strong></td>
<td>259</td>
<td>19</td>
<td>7</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td><strong>American Indian/Alaska Native</strong></td>
<td>94</td>
<td>12</td>
<td>13</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td><strong>Asian</strong></td>
<td>492</td>
<td>47</td>
<td>10</td>
<td>13</td>
<td>3</td>
</tr>
<tr>
<td><strong>Native Hawaiian or Pacific Islander</strong></td>
<td>193</td>
<td>17</td>
<td>9</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td><strong>White non-Hispanic</strong></td>
<td>2904</td>
<td>369</td>
<td>13</td>
<td>168</td>
<td>6</td>
</tr>
<tr>
<td><strong>Ethnicity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hispanic</strong></td>
<td>1811</td>
<td>112</td>
<td>6</td>
<td>15</td>
<td>1</td>
</tr>
</tbody>
</table>

Through October 28, 2020
COVID-19 Heat Map
October 11-24, 2020
COVID-19 Case Rate by Zip Code
October 11-24, 2020

Rate = cases/100K accumulated over 14 days
COVID-19 Epidemiology: Risk Factors among Recent Cases

- Adults 20-49 > children > older adults
- Various race-ethnicity minority groups
- Workplaces (breaks, transportation)
- Family and social gatherings
- Long term care facilities
- Schools and childcares
- Short > long distance airborne transmission
COVID-19 Epidemiology: What to Do?

- Promote and model NPIs:
  - Face coverings DO work to protect others
  - Social (physical) distancing > 6’
  - Outdoor or well-ventilated
  - Avoid crowds
  - Stop unpermitted gatherings
  - Curtail unnecessary social encounters
- Shelter oldest adults and medically vulnerable
# COVID-19 Hospital Census

## Snohomish County COVID-19 Hospitalizations by Date

![Line graph showing COVID-19 hospitalizations by date](image)

Mean: 29; Median: 26; Range 15-67

<table>
<thead>
<tr>
<th>Date</th>
<th>Number of Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/26/2020</td>
<td>67</td>
</tr>
<tr>
<td>5/1/2020</td>
<td>60</td>
</tr>
<tr>
<td>5/7/2020</td>
<td>59</td>
</tr>
<tr>
<td>5/13/2020</td>
<td>58</td>
</tr>
<tr>
<td>5/19/2020</td>
<td>57</td>
</tr>
<tr>
<td>5/25/2020</td>
<td>56</td>
</tr>
<tr>
<td>6/1/2020</td>
<td>55</td>
</tr>
<tr>
<td>6/7/2020</td>
<td>54</td>
</tr>
<tr>
<td>6/13/2020</td>
<td>53</td>
</tr>
<tr>
<td>6/20/2020</td>
<td>52</td>
</tr>
<tr>
<td>6/26/2020</td>
<td>51</td>
</tr>
<tr>
<td>7/2/2020</td>
<td>50</td>
</tr>
<tr>
<td>7/8/2020</td>
<td>49</td>
</tr>
<tr>
<td>7/14/2020</td>
<td>48</td>
</tr>
<tr>
<td>7/20/2020</td>
<td>47</td>
</tr>
<tr>
<td>7/26/2020</td>
<td>46</td>
</tr>
<tr>
<td>8/1/2020</td>
<td>45</td>
</tr>
<tr>
<td>8/7/2020</td>
<td>44</td>
</tr>
<tr>
<td>8/13/2020</td>
<td>43</td>
</tr>
<tr>
<td>8/19/2020</td>
<td>42</td>
</tr>
<tr>
<td>8/25/2020</td>
<td>41</td>
</tr>
<tr>
<td>9/1/2020</td>
<td>40</td>
</tr>
<tr>
<td>9/7/2020</td>
<td>39</td>
</tr>
<tr>
<td>9/13/2020</td>
<td>38</td>
</tr>
<tr>
<td>9/19/2020</td>
<td>37</td>
</tr>
<tr>
<td>9/25/2020</td>
<td>36</td>
</tr>
<tr>
<td>10/1/2020</td>
<td>35</td>
</tr>
<tr>
<td>10/7/2020</td>
<td>34</td>
</tr>
<tr>
<td>10/13/2020</td>
<td>33</td>
</tr>
<tr>
<td>10/19/2020</td>
<td>32</td>
</tr>
<tr>
<td>10/25/2020</td>
<td>31</td>
</tr>
</tbody>
</table>

Snohomish Health District
COVID-19 Hospital Census

Source: WA HEALTH, October 29, 2020
## COVID-19 Hospitalizations by Age

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-14</td>
<td>8</td>
<td>1.0%</td>
</tr>
<tr>
<td>15-19</td>
<td>3</td>
<td>0.4%</td>
</tr>
<tr>
<td>20-29</td>
<td>23</td>
<td>2.8%</td>
</tr>
<tr>
<td>30-39</td>
<td>64</td>
<td>7.8%</td>
</tr>
<tr>
<td>40-49</td>
<td>80</td>
<td>9.7%</td>
</tr>
<tr>
<td>50-59</td>
<td>135</td>
<td>16.4%</td>
</tr>
<tr>
<td>60-69</td>
<td>158</td>
<td>19.2%</td>
</tr>
<tr>
<td>70-79</td>
<td>158</td>
<td>19.2%</td>
</tr>
<tr>
<td>80+</td>
<td>196</td>
<td>23.8%</td>
</tr>
<tr>
<td>Total</td>
<td>825</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Underlying health conditions</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>128</td>
<td>15.5%</td>
</tr>
<tr>
<td>Yes</td>
<td>664</td>
<td>80.5%</td>
</tr>
<tr>
<td>Unknown</td>
<td>33</td>
<td>4.0%</td>
</tr>
<tr>
<td>Grand Total</td>
<td>825</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

Through October 28, 2020
COVID-19 Long-Term Care Cases

Snohomish County Long-term Care Facility Associated COVID-19 Cases by Onset Date
COVID-19 Deaths

Snohomish County COVID-19 Related Deaths by Week
## COVID-19 Deaths by Age

<table>
<thead>
<tr>
<th>Age group in years</th>
<th>Number</th>
<th>Percent</th>
<th>Death rate per 100,000 population</th>
<th>Case Fatality Rate (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-29</td>
<td>2</td>
<td>0.95%</td>
<td>Not calculated &lt;5</td>
<td>0.1%</td>
</tr>
<tr>
<td>30-39</td>
<td>2</td>
<td>0.95%</td>
<td>Not calculated &lt;5</td>
<td>0.1%</td>
</tr>
<tr>
<td>40-49</td>
<td>10</td>
<td>4.74%</td>
<td>8.8</td>
<td>0.8%</td>
</tr>
<tr>
<td>50-59</td>
<td>15</td>
<td>7.11%</td>
<td>13.2</td>
<td>1.3%</td>
</tr>
<tr>
<td>60-69</td>
<td>25</td>
<td>11.85%</td>
<td>25.8</td>
<td>3.1%</td>
</tr>
<tr>
<td>70-79</td>
<td>59</td>
<td>27.96%</td>
<td>112.8</td>
<td>13.7%</td>
</tr>
<tr>
<td>80+</td>
<td>98</td>
<td>46.45%</td>
<td>390.2</td>
<td>24.6%</td>
</tr>
<tr>
<td>Grand Total</td>
<td>211</td>
<td>100.00%</td>
<td>25.4</td>
<td>2.6%</td>
</tr>
</tbody>
</table>
COVID-19 Control Activities

- Emergency Coordination Center (DEM; ECC ESF 8 & ESF 15)
- Surveillance & epidemiology
- Drive-through testing site
- Case investigation & contact tracing
  - Isolation of cases
  - Quarantine of contacts
COVID-19 Control Activities (cont.)

- Outreach investigation & control teams
  - Long-term care
  - Schools & Childcare
  - Employers
  - Special populations
- Health care system liaison
- Vaccine implementation planning
- Communications & outreach
Determining Close Contacts

Anyone who:

• Was within 6 feet of the case for 15 or more minutes, cumulatively over 24 hours;

• frequently shares tools or equipment that are not sanitized between users or with ungloved hands; or

• carpool to and from the worksite.
What to Do After Test Results

Ensure confirmed cases and close contacts remain home the entire time.

**POSITIVE**

Do you have symptoms?

- **YES**
  - Isolate at home until 10 days after symptoms started and 24 hours after symptoms resolved

- **NO**
  - Isolate at home until 10 days after test date

**NEGATIVE**

Did you have close contact with a confirmed case?

- **YES**
  - You need to stay at home for the full 14 day quarantine. Call your doctor if you develop any symptoms.

- **NO**
  - Resume Safe Start activities as long as you are symptom-free
COVID-19, Holidays & Traditions

https://coronavirus.wa.gov/celebrations-during-covid
Activity Sheets & Coloring Pages

www.snohd.org/activities
COVID-19 Vaccination Planning

• Assumptions include
  • safe and effective vaccine
  • two doses given four weeks apart
  • voluntary
  • public health (federal, state, local) coordinates
  • health care system administers
  • cross-jurisdictional harmony
  • continued prevention measures necessary throughout
COVID-19 Vaccination Planning (cont.)

• Phased implementation driven by
  • vaccine supply
  • prioritized groups

• Communications to address
  • vulnerable and low-access populations
  • acceptance and hesitancy
  • prioritization scheme
COVID-19 Vaccination Phases

Source: CDC ACIP, 2020 c/o WA DOH

Snohomish Health District
COVID-19 Briefing Summary

• Causes for concern
  – Level and trajectory of cases
  – Positivity rate increasing
  – Emergence of cases in LTCFs and older adults
  – Possible small increase in deaths

• Hospital capacity not imminently at risk
COVID-19 Briefing Summary

• Rates markedly elevated for many race- & ethnicity minority groups, but case-hospitalization and case-fatality proportions are similar to white/non-Hispanic

• Sustained control efforts necessary long-term

• Vaccination likely soon but impact is NOT imminent

• CARES Act funding critical to ongoing efforts
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Moderated Q&A Session