COVID-19 Weekly Case Counts

Snohomish County COVID-19 Cases by Report Week

Through August 21, 2021
COVID-19 Rolling 2-week Case Rate

Through August 21, 2021

Snohomish Health District
COVID-19 Hospitalizations

• Contributing factors
  – Pre-existing surge in demand for non-elective acute care
  – COVID surge
  – Staffing shortages

• Response
  – Masking
  – Vaccination
  – Health care system coordination (DMCC, WMCC)
Delta Strain

Source: WA DOH 2021
Incomplete Vaccination Coverage

- 1-of-4 eligible (209K) have not started
- 124K children <12 years not eligible
- 333K (40% of total pop.) unvaccinated

<table>
<thead>
<tr>
<th>Measure</th>
<th>Vaccines Given August 11-17</th>
<th>Total</th>
<th>% of total population</th>
<th>% ≥12 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>People started vaccination</td>
<td>5,600</td>
<td>44K</td>
<td>5%</td>
<td>6%</td>
</tr>
<tr>
<td>People completely vaccinated</td>
<td>4,160</td>
<td>454K</td>
<td>55%</td>
<td>64%</td>
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<tr>
<td></td>
<td></td>
<td>10,760</td>
<td></td>
<td></td>
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<tr>
<td>≥12 years, not started</td>
<td></td>
<td>209K</td>
<td>25%</td>
<td>30%</td>
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<tr>
<td>&lt;12 years, not yet eligible</td>
<td></td>
<td>124K</td>
<td>15%</td>
<td>--</td>
</tr>
<tr>
<td>Totals</td>
<td></td>
<td>831K</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>
Vaccine Protection: Reported Cases

Snohomish County COVID-19 Case Rates per 100,000 by Vaccination Status

- Fully vaccinated case rate
- Unvaccinated case rate
- Crude estimate of vaccine effectiveness

February March April May June July
Vaccine Protection: Hospitalization

Snohomish County COVID-19-related Hospitalization Rates per 100,000 by Vaccination Status

- Fully vaccinated hospitalization rate
- Unvaccinated hospitalization rate
- Crude estimate of vaccine effectiveness

February, March, April, May, June, July

Hospitalization rate per 100,000
Vaccine Protection

• Contributing factors to apparent decline in effectiveness
  – Delta variant (change in target of vaccine)
  – Time since vaccination (waning immunity)
  – Vaccinated people are more likely to be older and older folks are at higher risk for serious disease
Boosters Ahead? Probably, but not yet

• Purpose: re-stimulate immune system after waning of immunity over time

• **Federal medical leadership’s vision:**
  - 8 months after last dose of initial series
  - Planning for start-up in late September
  - Front loads health care workers, long-term care and other seniors

• But first: awaiting FDA authorization and CDC ACIP recommendations for use after review of supporting evidence

• ACIP meeting next week (Aug 30-31) may address this
And so...

• Wear a mask indoors and where it is crowded outdoors
• Get vaccinated...NOW (both doses!)
• Keep your distance
• Avoid gatherings
• Stay tuned for more news on
  – boosters in the fall
  – vaccination for children <12 y/o (roughly Dec-Jan target)