

Kitsap Board of Health Update Vaccination

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October 6, 2020



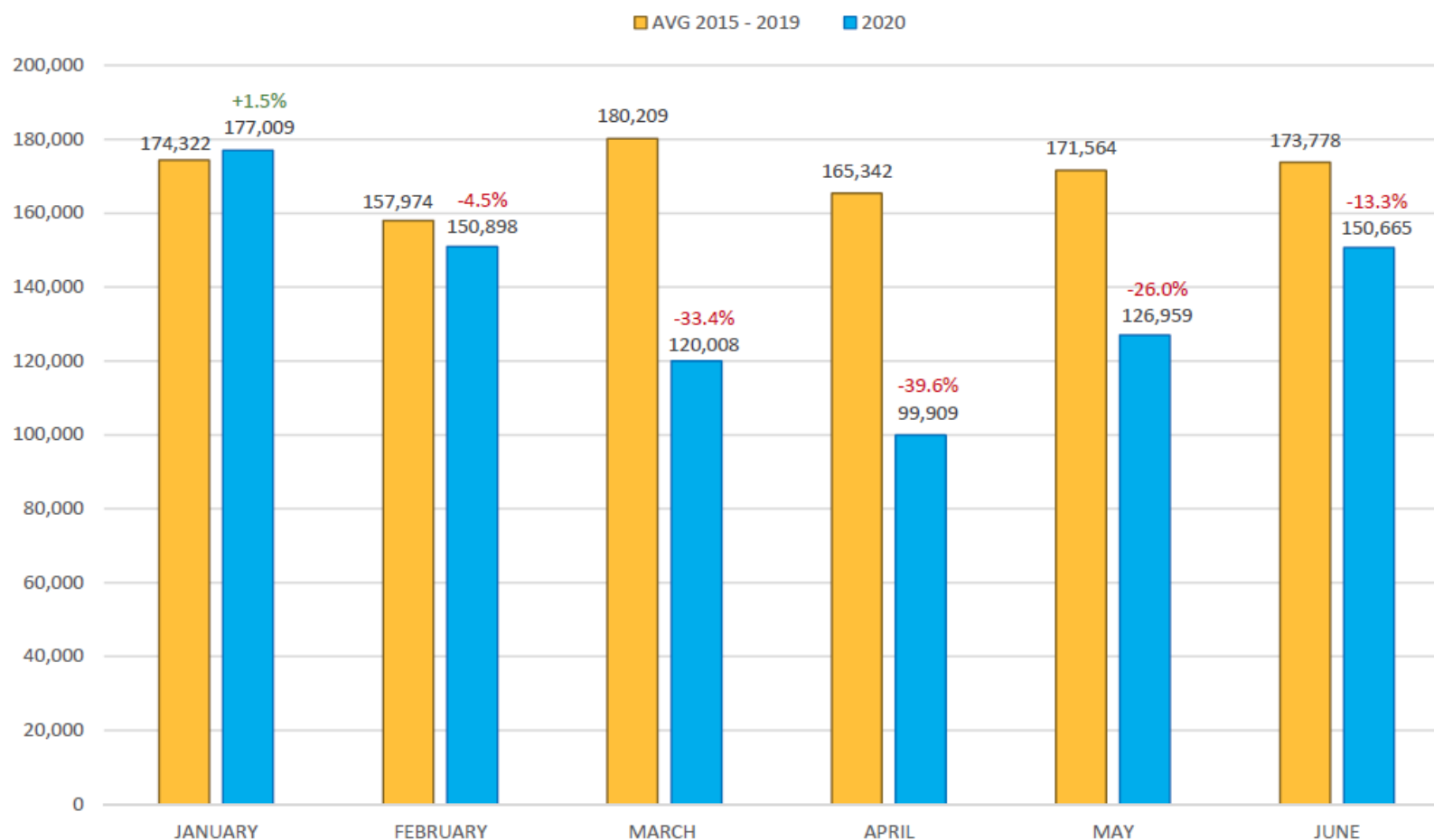
KITSAP PUBLIC HEALTH DISTRICT

Flu Vaccine – More important during COVID

- Hospitals clinics will be busy with COVID and other health issues
- Flu shots reduce risk of becoming ill and requiring medical attention, keeping us out of medical settings
- Protects ourselves and others in the community
- Combined flu and COVID may cause severe illness
- Allows healthcare resources to be available for COVID and other
- Prevents flu symptoms that are indistinguishable from COVID
- Anyone with symptoms will need COVID testing and isolation
- It's safe and effective, millions given over 50 years
- [VaccineFinder.org](https://www.vaccinefinder.org)



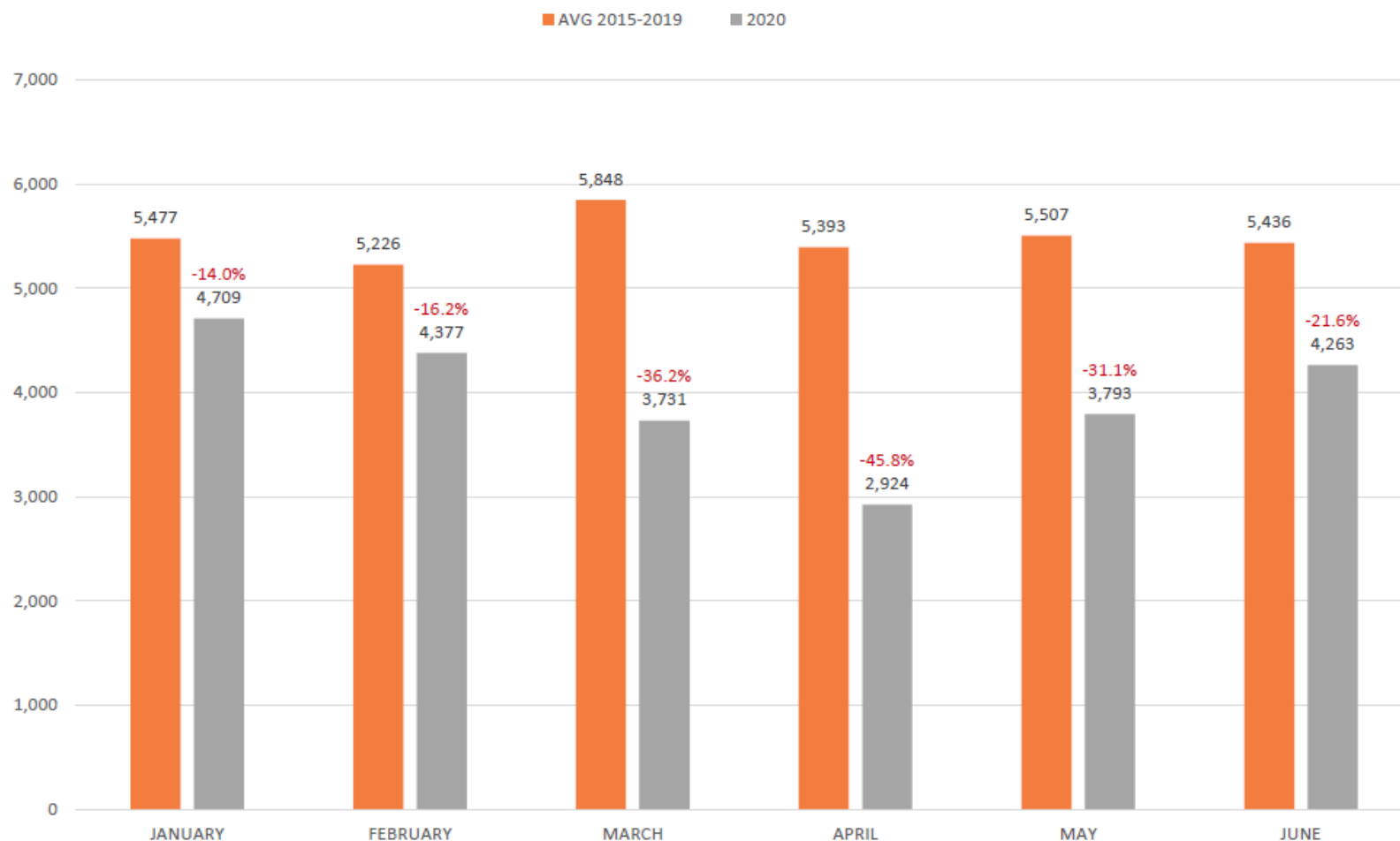
Monthly Vaccines Administered for Individuals 0 through 18 years old in Washington State Comparing Average Number in 2015-2019 with 2020



Data source: WA State Immunization Information System; all vaccines reported as of 7/14/2020



Monthly Vaccines Administered for Individuals 0 through 18 years old in Kitsap County Comparing Average Number in 2015-2019 with 2020



Data source: WA State Immunization Information System; all vaccines reported as of 7/14/2020



Communication Goals



Awareness

- Vaccine locations are still open during the COVID-19 pandemic.
- Availability of flu vaccine at no cost to those uninsured.
- Importance of flu vaccine this year more than ever.



Engagement

- Drive traffic to KnockOutFlu.org campaign website for timely, updated additional information, resources and vaccination locations.



Education

- Flu and coronavirus are not the same thing.
- Flu vaccine does not protect you against COVID-19 disease.
- Flu activity is unpredictable.

CDC COVID Vaccination Interim Playbook – 9/16/20

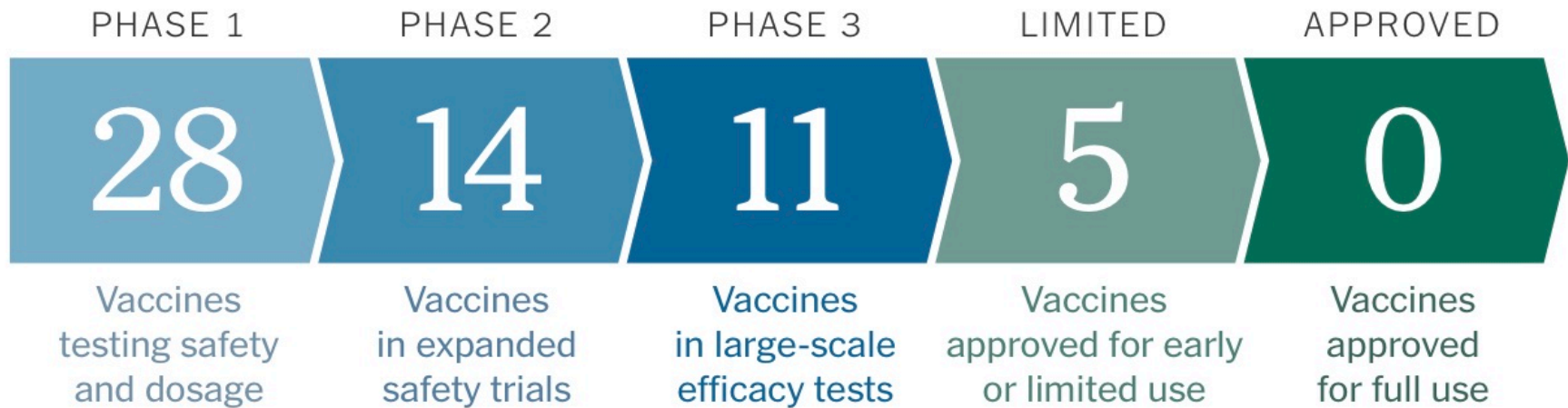
- PH Preparedness Planning
- Coordination and partner involvement
- Phased approach
- ID, locate critical populations
- Provider recruitment, enrollment
- Allocation, ordering, distribution, management
- 2nd dose notifications (?)
- Storage and handling
- Documentation, reporting
- Information systems
- Program communications
- Regulatory considerations
- Safety monitoring
- Program monitoring

https://www.cdc.gov/vaccines/imz-managers/downloads/COVID-19-Vaccination-Program-Interim_Playbook.pdf



Coronavirus Vaccine Tracker

By Jonathan Corum, Sui-Lee Wee and Carl Zimmer Updated September 30, 2020



<https://www.nytimes.com/interactive/2020/science/coronavirus-vaccine-tracker.html>



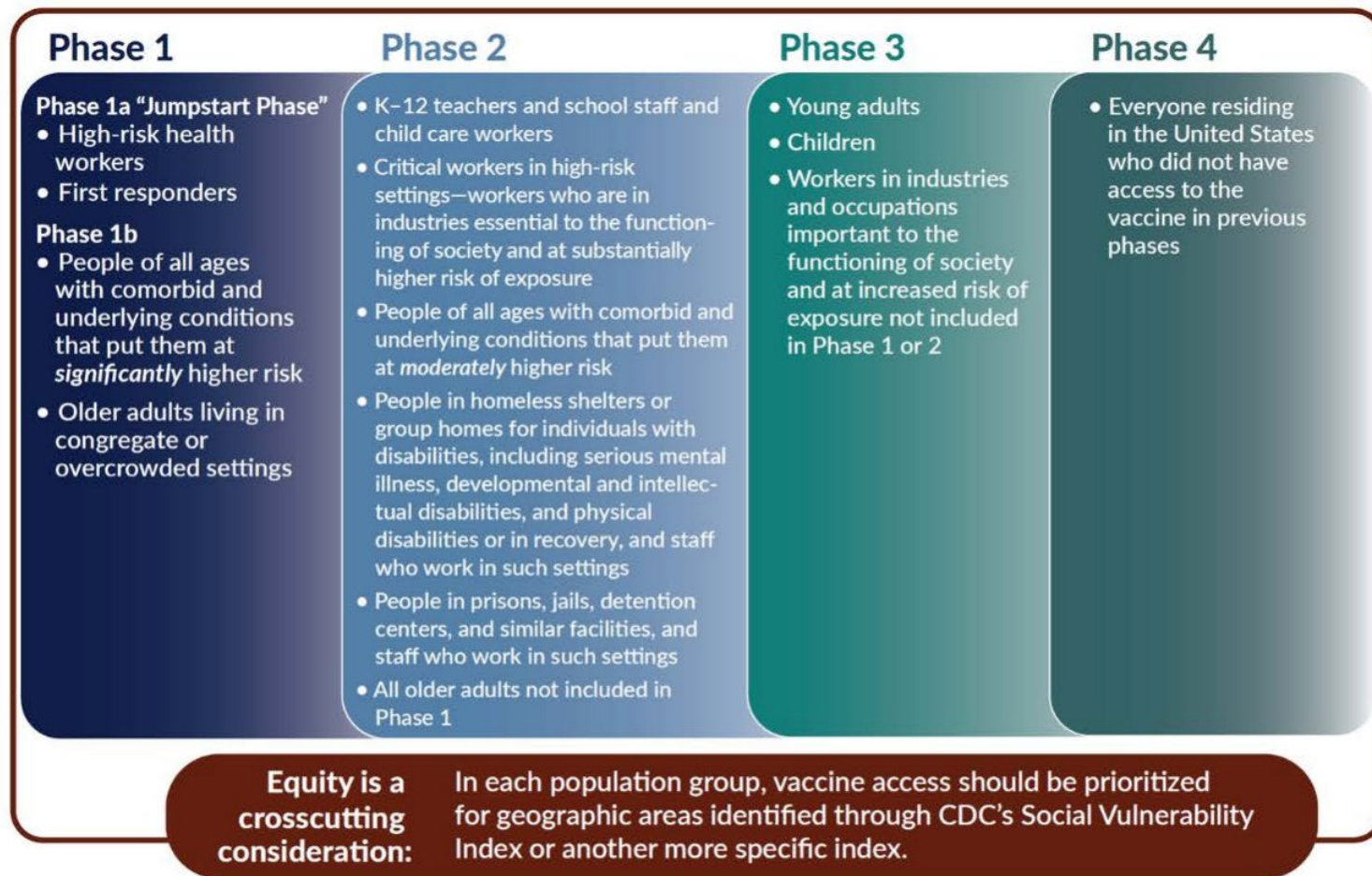


FIGURE: A Phased Approach to Vaccine Allocation for COVID-19

Final Points

- Vaccines are just one more tool and don't replace what we are already doing (masks, distancing, hygiene)
- Vaccines must be both safe and effective
- Public trust is critical to the success of vaccination campaign
- Vaccines will initially be scarce, and their distribution needs to be thoughtful, equitable, and fair
- Vaccine hesitancy is increasing and those groups that would benefit most may be reluctant to get vaccinated (black, latinx, AI/AN, NH/PI, those experiencing social and medical vulnerability)



COVID-19 Learnings and Actions

St. Michael Medical Center

October 6, 2020





★ Jan 21 - COVID19 First Case WA State

★ Mar 11 - WHO Declares global pandemic

January

February

March

April

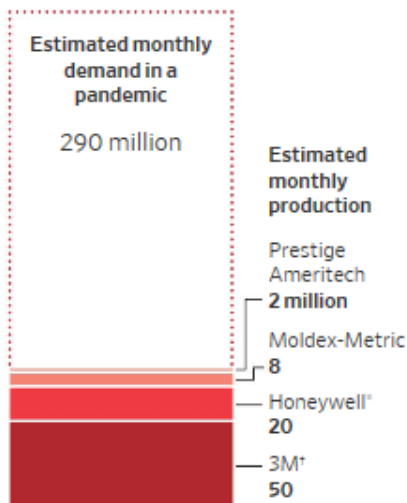
Feb 29 - WA Governor Declares State of Emergency ★

★ Mar 19 - WA Governor Issues Restrictions on Elective Surgery





Shortfall in U.S. production of N95 masks



*By May *By June

Sources: Department of Health and Human Services (demand); the companies (production)

Lab TAT	7/16/2020
UW	> 24 - 48 hrs
Labcorps WA	> +72 - 96 hrs

Source: WSJ April 29, 2020

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CORONAVIRUS
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BREAKING NEWS Airbnb is cutting 1,900 employees, or 25% of its workforce, the company's co-founder and CEO told employees in a memo

U.S.

Miscalculation at Every Level Left U.S. Unequipped to Fight Coronavirus

A shortfall in masks lays bare the blunders by hospitals, manufacturers and the federal government

RECOMMENDED VIDEOS

1. Saudi Arabia's \$500 Billion Megacity Dream Clashes With Reality
2. How the 2020 Presidential Campaign Is Starting to Resume
3. Mayday: Landlords Brace for Impact as More Tenants Can't Pay Rent
4. Cruise Ship Partied On as Coronavirus Spread
5. During Suffrage Anniversary, Wyoming Women Aim to Boost Representation

Making Sense of the N95 Mask Shortage

With medical workers facing shortages and the CDC recommending the voluntary use of face coverings, many are wondering when they can get access to N95 masks. WSJ's Gerald F. Seib explains. Photo: SARA FSHILMAN/GETTY IMAGES

HOSPITAL STAFFING SHORTAGES

HELP WANTED

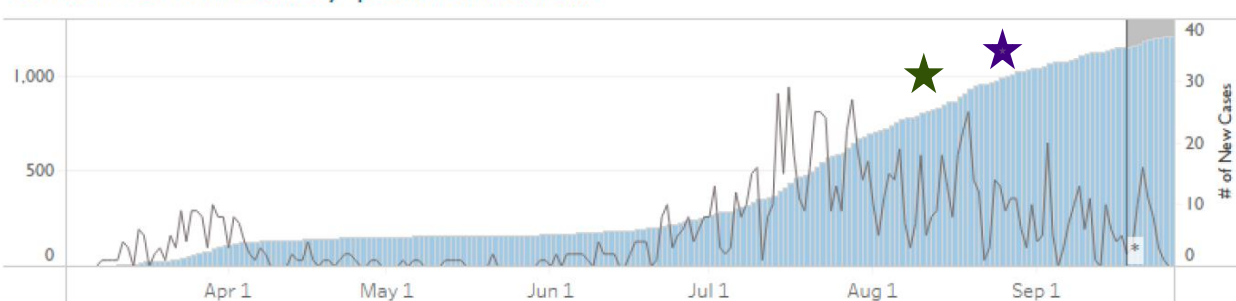
Read the **FAQs** **LIVE** **Coronavirus Conversations**

COVID 19 SMMC Timeline - **August** September October

- August 4, 2020 – KPHD Identifies COVID19+ Staff Member (**S1**) at SMMC. ?Community Spread. Family member (+)
- August 5, 2020 – SMMC Staff Member (**S2**) has positive test, ? Community Spread, Family Member COVID19(+).
- August 10, 2020 – SMMC Patient (**P1**) tested for placement, COVID19(+). Patient without symptoms.
- **August 13, 2020 – SMMC Patient (P2) with symptoms and COVID19(+) HD#19. P2 with visitor who was seen not wearing a mask. P2 treated with Nebulizer therapy (AGP). 5 cases linked to a unit at St. Michael** ★
- August 14, 2020 – Expanded Testing to additional staff on impacted units. **Outbreak Declared in WDRS.**
- **August 18, 2020 - New admissions held to impacted units. Weekly Testing of all patients every 7 days. AGP Changes**
- August 21, 2020 - KPHD, DOH, and SMMC consulted with Center for Disease Control
- August 24, 2020 - Media briefing KPHD and DOH meet with hospital union
- August 25, 2020 - SMMC Onsite visit & assessment from WA DoH Communicable Dis. and Epidemiology and KPHD
- **August 25, 2020 - SMMC began testing all hospital employees with assistance from Kitsap and Bainbridge Island Medical Reserve Corps; Kitsap Community Emergency Response Team (CERT) and Impact Northwest.** ★
- August 26, 2020 – SMMC Onsite visit & assessment from WA DoH / CMS arrives.
- **August 28, 2020 – Mandatory PPE training instituted for all Healthcare Workers and Staff.**
- **August 28, 2020 – Established PPE / Patient Safety Hotline and placed numbers on badge buddies.**
- **August 29, 2020 - Testing for 2,300 SMMC employees completed** ★
- August 31, 2020 - 63 confirmed positive cases to date reported



COVID-19 PCR Positive Cases by Specimen Collection Date



COVID 19 SMMC Timeline - August September October

- September 2, 2020 – Oncology Floor (2W) re-open to new admissions.
- September 3, 2020 - SMMC Onsite visit & assessment from WA DoH / CMS completes.
- September 3, 2020 – SMMC Bremerton Onsite visit & Assessment Labor and Industries
- **September 8, 2020 – All Inpatients units opened to new Admissions**
- September 10, 2020 – SMMC Silverdale Onsite visit & Assessment Labor and Industries
- September 10, 2020 – Puget Sound experiencing 'Super-massive' cloud of wildfire smoke causing unhealthy air in Washington
- **September 15, 2020 – Adequate RT-PCR tests kits available at SMMC to perform COVID19 testing within 2 hours.** ★
- **September 22, 2020 – Revised Protocol for Semi-Private Rooms (No AGP, HD3 Testing; Only low risk)**
- September 23, 2020 – No new cases reported associated with Initial Outbreak.
- September 23, 2020 - KPHD is responding to a small number of COVID-19 cases identified among CHI Franciscan employees in Kitsap, including some who worked at SMMC. These cases are not linked to the earlier outbreak.
- September 23, 2020 – Periodic Employee Surveillance Testing initiated (Float Team; COVID19 Unit Staff)

Lab TAT	10/1/2020
UW	> 24 -48 hrs
Labcorps WA	> +72 - 96 hrs
BD Max SJMC	6 - 8 hours
SMMC Cepheid	less than 2 hrs



Source: King 5 Image September 10th

GeneXpert
Powered by Cepheid

Xpert® Xpress SARS-CoV-2

Instructions for Use
For Use Under an Emergency Use Authorization (EUA) Only

1. Proprietary Name
Xpert® Xpress SARS-CoV-2

2. Common or Usual Name
Xpert Xpress SARS-CoV-2

3. Intended Use
The Xpert Xpress SARS-CoV-2 test is a rapid, real-time RT-PCR test intended for the qualitative detection of nucleic acid from the SARS-CoV-2 in either nasopharyngeal swab and/or nasal wash aspirate specimens collected from individuals suspected of COVID-19 by their healthcare provider.

Hub Configuration

COVID-19 Learnings and Actions



Learning and Ongoing Actions

1. Communications: Need immediate communication to all Stakeholders: Inpatients, Visitors, Staff. Multiple forms of Communications & Information dissemination: Daily Safety Huddle debriefs, Daily Safety Huddle Radars alerting to new policy/practices, daily COVID-19 summary, Zoom meetings with department staff, and video blogs.

- Communications Pitfall: Leaders and staff become immune to the communications. Needs to be one source of truth or funnel to consolidate or eliminate duplicate messaging.

2. Personal Protective Equipment (PPE): *Assume a complaint/concern is actually worse than stated and act accordingly.*

Clearly define PPE status: Conventional, Contingency and Crisis; and communicate changes in status and location of policies re COVID-19 and PPE.

- Staff fully embraced crisis and contingency use, but had a hard time trusting the conversion to conventional status
- Change in guidance from CDC, State, company makes communication more difficult
- Rigorously re-evaluate PPE use policies based on supply inventory improvement
- PAPR/CAPR maintenance was strained due to rapid increase in use and new equipment (donations) put into service
- Underestimated the value of a Tip sheet to help provide a single source of truth
- Edited Daily Safety Huddle and Daily Incident Command briefings to include PPE status

COVID-19 Learnings and Actions

Learning and Ongoing Actions



Personal Protective Equipment (PPE): Continued...

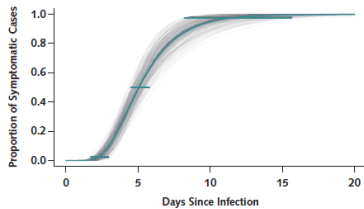
- As PPE status changes, communication and on-the-spot training is not enough. Have to continuously audit/observe to ensure practices follow policy. Drop teams established to re-educate and document audits.
- Fit-testing teams and fit-testing supplies have to be procured after each PPE level change and/or change in N95 supply. Fit test teams should be identified and sustained throughout response for both shifts.
- Need to clearly understand cultural impact from changes in PPE status and PPE levels.

Additional Notes:

- Measures initiated to reduce AGPs. For example, exchanged nebulizer treatments for metered dose inhalers.
- Utilize single employee entrance as “stop and resolve” source for education, repeat/serial testing.
- Effectively changed screening questions to include, “Have you been exposed to someone with COVID-19?”



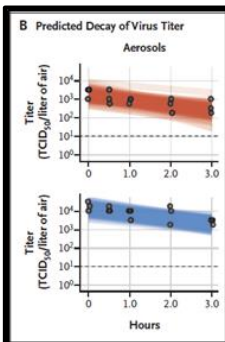
Figure 2. Cumulative distribution function of the COVID-19 incubation period estimate from the log-normal model.



The estimated median incubation period of COVID-19 was 5.1 days (CI, 4.5 to 5.8 days). We estimated that fewer than 2.5% of infected persons will display symptoms within 2.2 days (CI, 1.8 to 2.9 days) of exposure, whereas symptom onset will occur within 11.5 days (CI, 8.2 to 15.6 days) for 97.5% of infected persons. Horizontal bars represent the 95% CIs of the 2.5th, 50th, and 97.5th percentiles of the incubation period distribution. The estimate of the dispersion parameter is 1.52 (CI, 1.32 to 1.72). COVID-19 = coronavirus disease 2019.

- Incubation Period:
Median
5.1 days.
- For 97.5% of infected persons, symptom onset will occur within
11.5 days.

Source: Lauer et al. The Incubation Period of Coronavirus Disease 2019 (COVID-19) From Publicly Reported Confirmed Cases: Estimation and Application. **Ann Intern Med** doi:10.7326/M20-0504 March 10, 2020



Van Doremalen, NV et al. Aerosol and Surface Stability of SARS-CoV-2 as Compared with SARS-CoV-1
DOI:10.1056/NEJM
March 17, 2020

COVID19 detected in Aerosol form 3 hours after generation.

February 24, 2020 the World Health Organization reported that in a published report that “**The proportion of truly asymptomatic infections is unclear but appears to be relatively rare** and does not appear to be a major driver of transmission.”

American Academy of Pediatrics (Journal Named Pediatrics) Pre-Pub 2020-03-19 Children: 2143 Children reported to Chinese CDC. **13% of virologically confirmed cases have asymptomatic infections.** (probably an understatement). Among symptomatic children: 5% Dyspnea and 0.6% ARDs. Preschool-aged children (median age 7) and infants more likely to have severe clinical manifestations. Of note, 66% given clinical diagnosis (not lab confirmed)



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HEALTH

CDC Director Redfield Speaks On U.S. Readiness And Latest Guidance For Coronavirus

March 30, 2020 : Well, he (Dr. Redfield, CDC Director) focused on the fact that lots of people who get infected with the coronavirus will not have symptoms. **He said that could be up to 25% of people - that's 1 in 4.** And for the other 75% of people who do have symptoms, those folks could be shedding significant amounts of virus, say, from their nose or mouth or throat probably for up to 48 hours before symptoms appear. He also said the coronavirus seems to be quite a bit more contagious than the flu, which was something we hadn't heard yet.

April 13, 2020 – CDC recommends universal masking for HCW in the Hospital.