



COVID-19 Update

Sitka Assembly Meeting

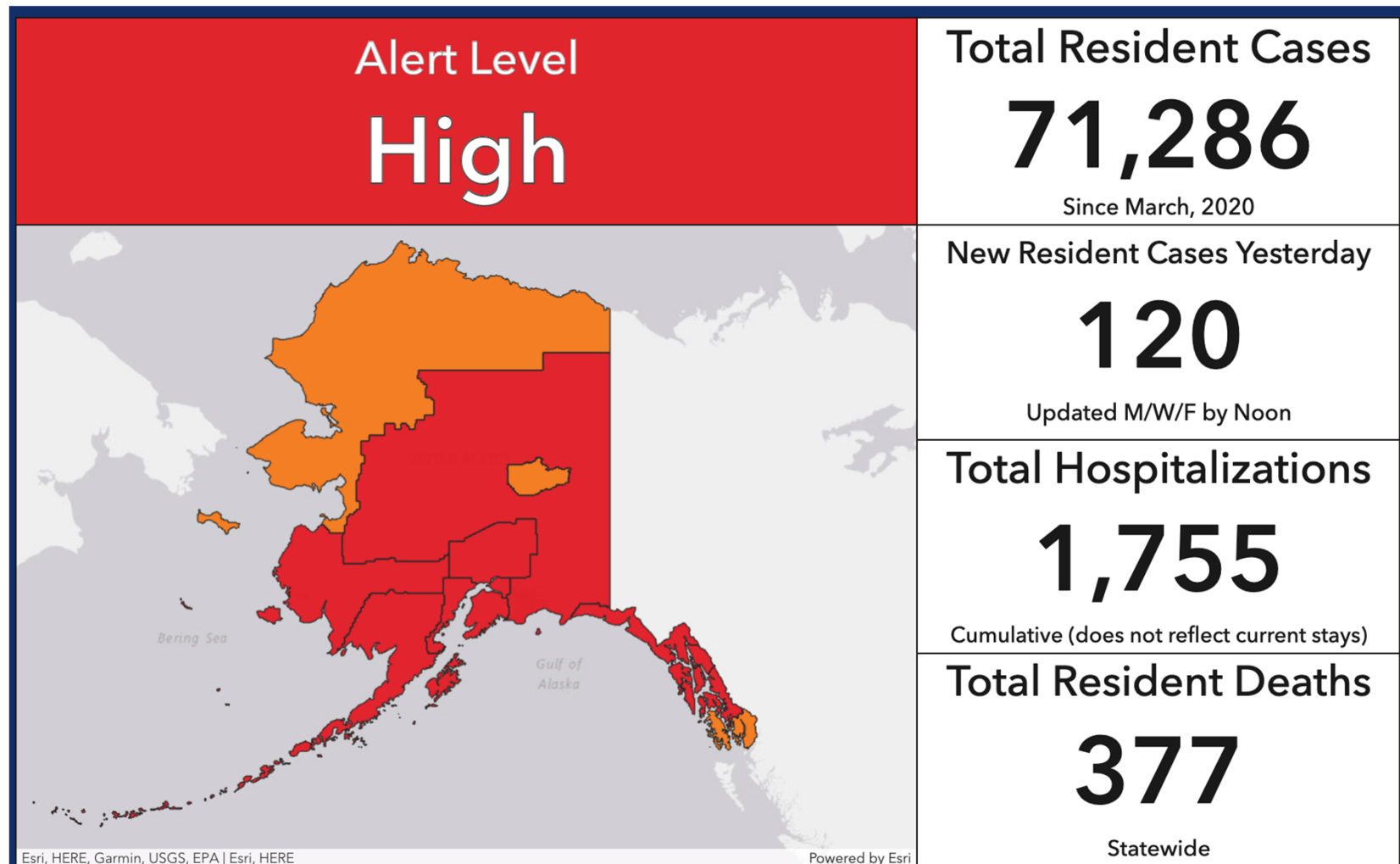
Dr. Anne Zink, Chief Medical Officer

July 27, 2021



COVID-19 Statewide Dashboard

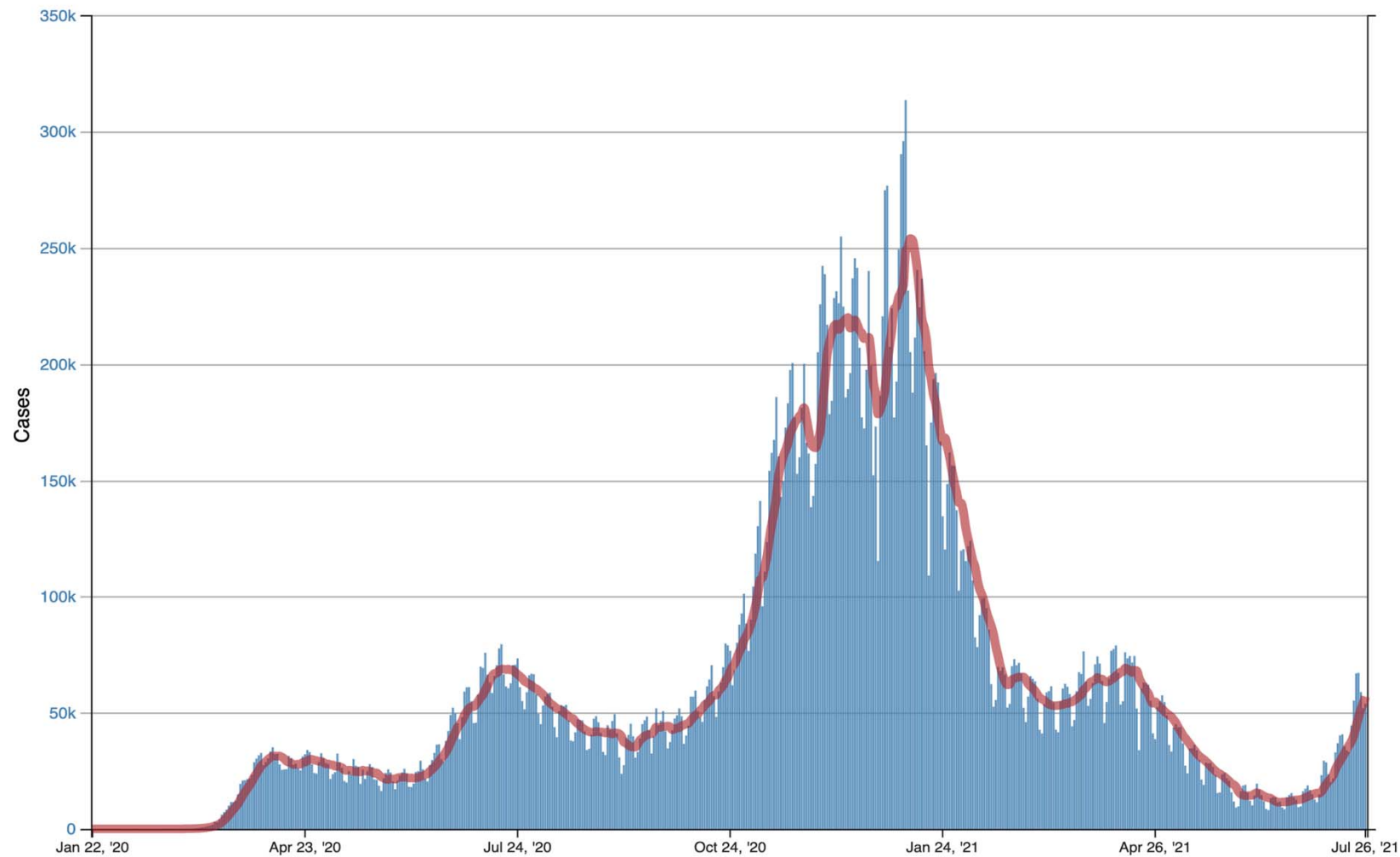
July 26, 2021



COVID-19 Cases - National

July 27, 2021

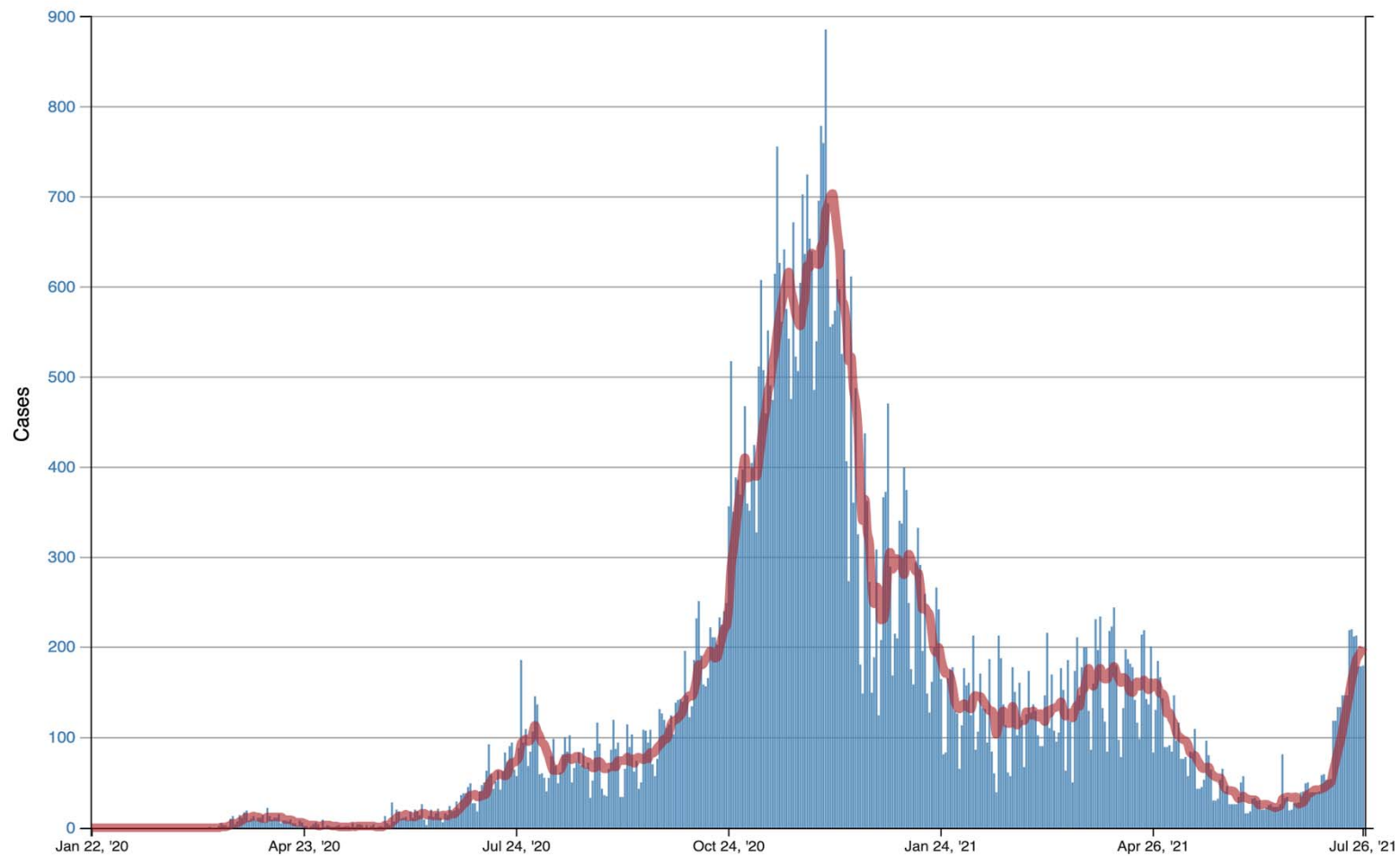
Daily Trends in Number of COVID-19 Cases in the United States Reported to CDC



COVID-19 Cases - Statewide

July 27, 2021

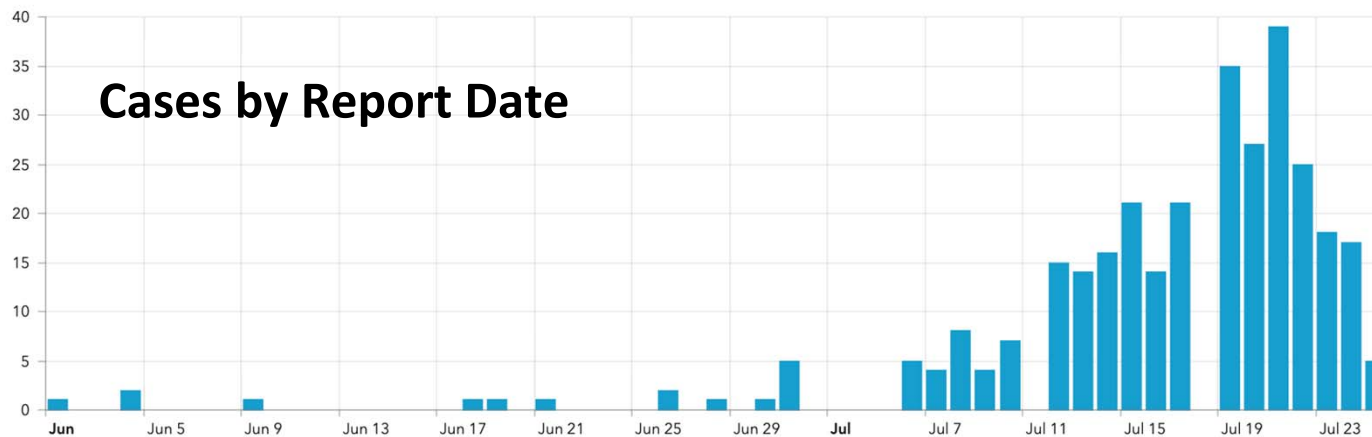
Daily Trends in Number of COVID-19 Cases in Alaska Reported to CDC



Sitka COVID-19 Cases

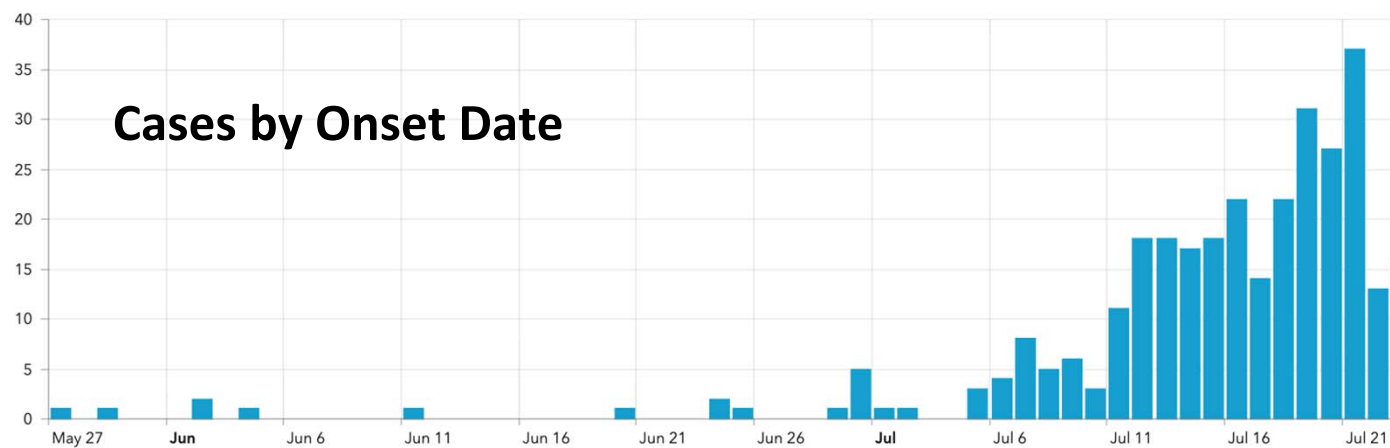
July 26, 2021, Last 60 Days

COVID-19 Cases by Report Date



Includes "confirmed" and "probable". Report date reflects the date case was submitted to DHSS, not the onset date of symptoms.

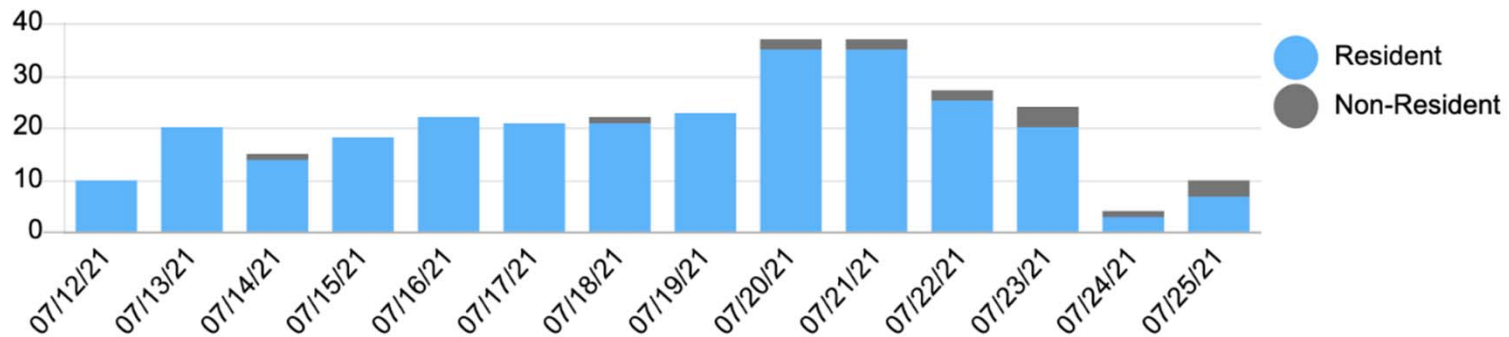
COVID-19 Cases by Onset Date*



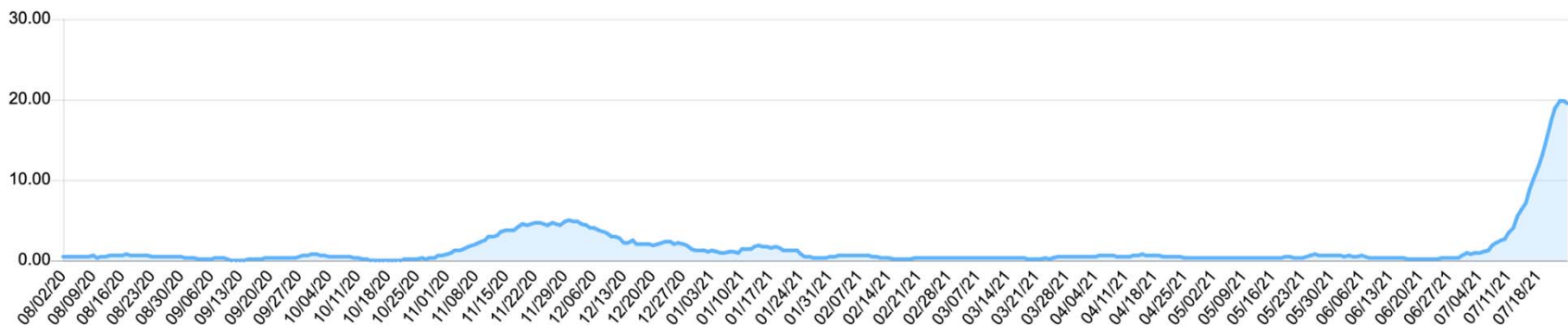
*Includes "confirmed" and "probable". Missing onset dates are substituted with report, hospitalization, or specimen collection date (whichever is earlier); dates will change with confirmed onset date.

Sitka Dashboard

Positive Cases per Day



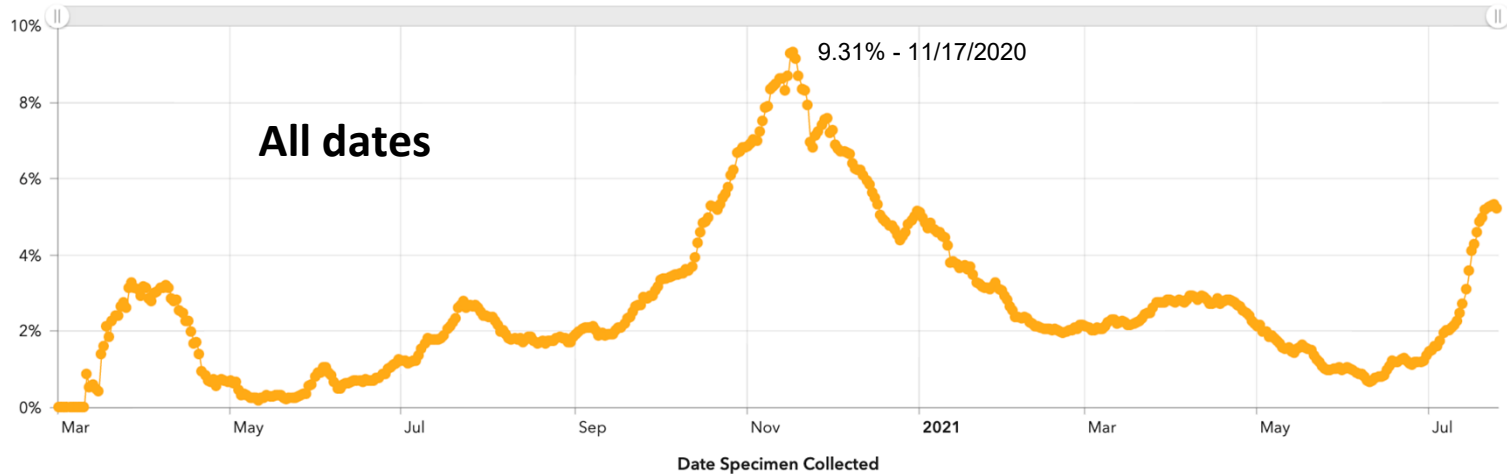
Average 14 Day Case Rate Per 10,000



COVID-19 Testing - Statewide

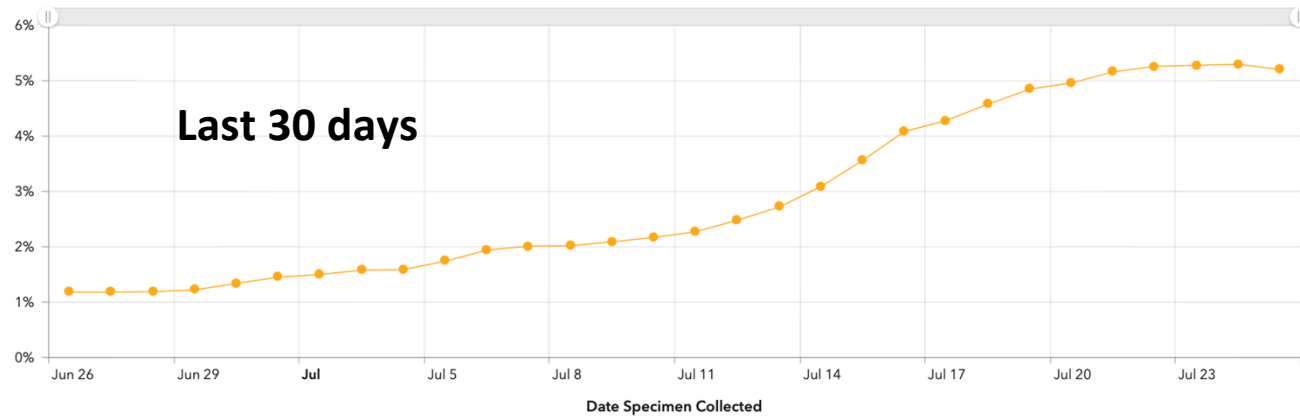
July 26, 2021 – 5.42% positivity

Statewide Percentage of Daily Tests with Positive Results
(Seven day rolling average)



Includes PCR and antigen tests, does not include antibody tests. Labs collected in the last few days may not be reported yet (see FAQ and turnaround times). All data are preliminary.

Statewide Percentage of Daily Tests with Positive Results
(Seven day rolling average)



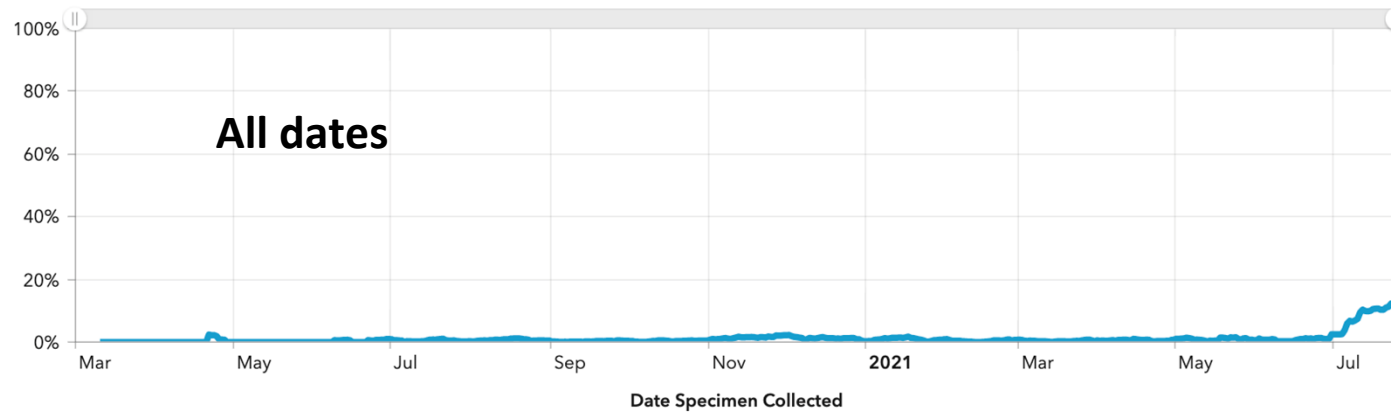
Includes PCR and antigen tests, does not include antibody tests. Labs collected in the last few days may not be reported yet (see FAQ and turnaround times). All data are preliminary.

COVID-19 Testing - Sitka

July 26, 2021 – 12% positivity

Borough-Level Percentage of Daily Tests with Positive Results

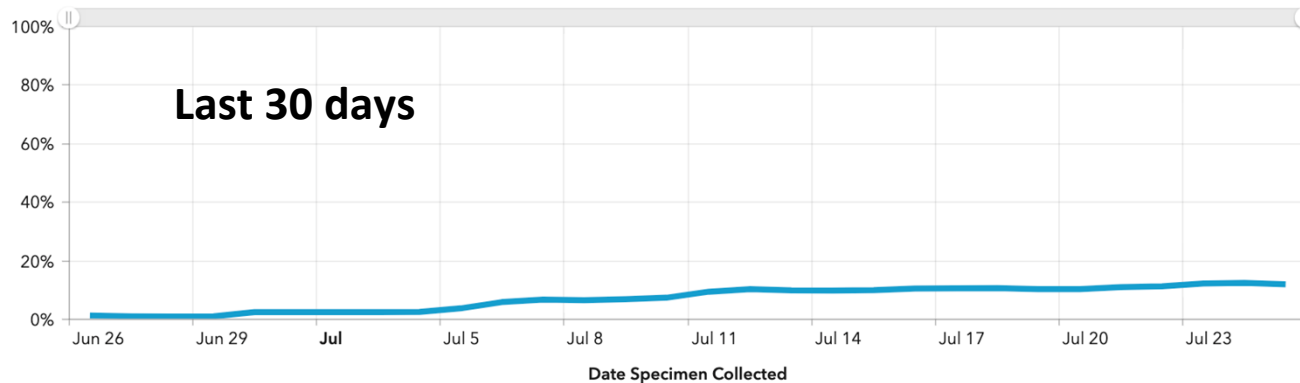
(Seven day rolling average. Must select a borough/census area using the toolbar on the left.)



Includes PCR and antigen tests, does not include antibody tests. Labs collected in the last few days may not be reported yet (see FAQ and turnaround times). All data are preliminary.

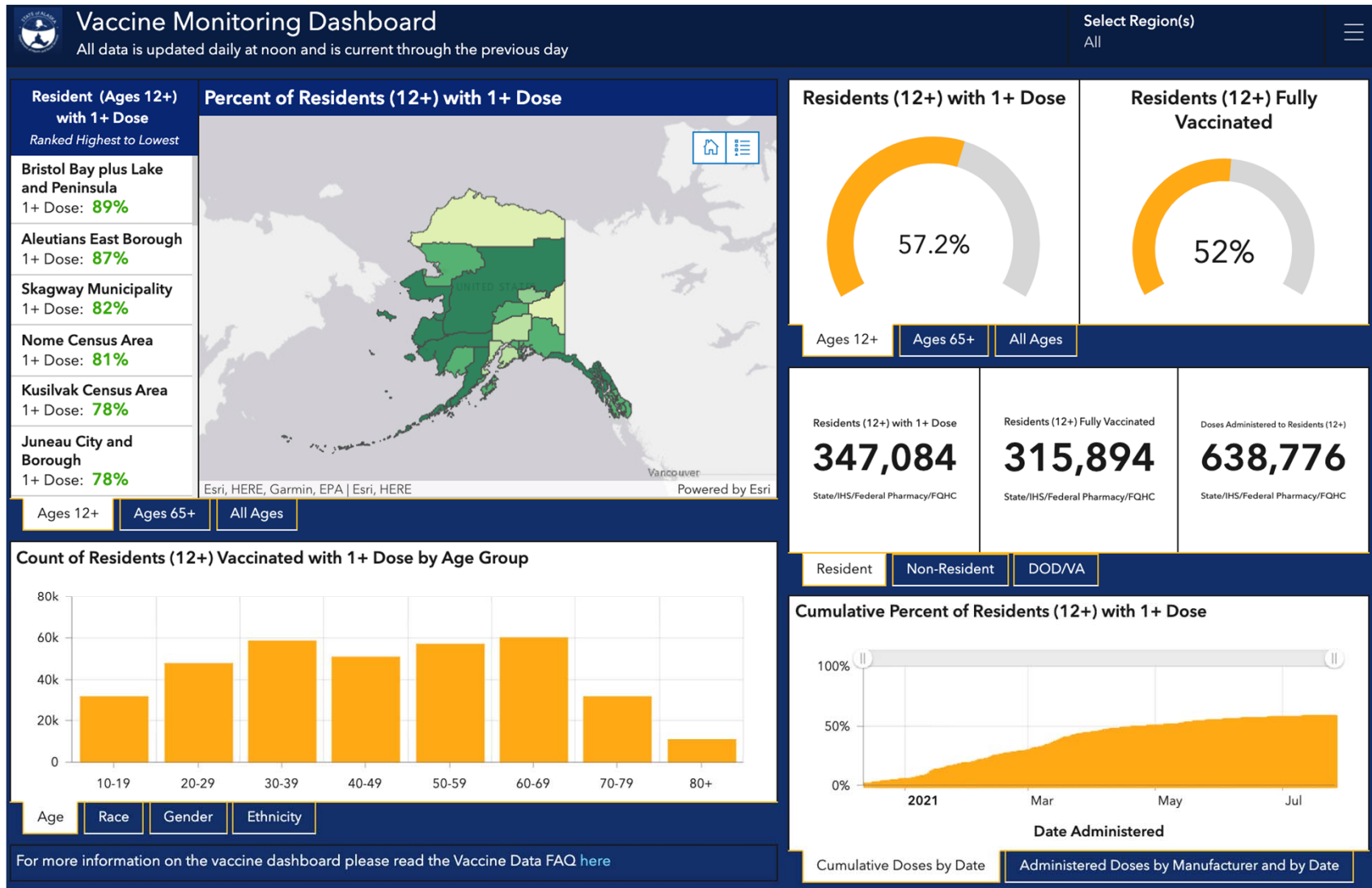
Borough-Level Percentage of Daily Tests with Positive Results

(Seven day rolling average. Must select a borough/census area using the toolbar on the left.)



Includes PCR and antigen tests, does not include antibody tests. Labs collected in the last few days may not be reported yet (see FAQ and turnaround times). All data are preliminary.

COVID-19 Vaccine Dashboard



Sitka City and Borough Vaccination Rates

July 26, 2021

76% of eligible residents
(Age 12+) have 1+ Dose
(5,589 people)

70% of eligible residents (Age
12+) are Fully Vaccinated
(5,197 people)



COVID-19 Variants – July 27, 2021

Variants of Concern/Interest

Name	Lineages	Cases Detected	Change from Previous Report*	First Identified in Alaska
VOC Alpha	B.1.1.7	416	+5	20 December 2020
VOC Beta	B.1.351	7	0	20 March 2021
VOC Gamma	P.1-like	71	+1	8 February 2021
VOC Delta	B.1.617.2-like	251	+137	30 May 2021
VOI Epsilon	B.1.427/429	139	0	24 December 2020
VOI Eta	B.1.525	1	0	16 March 2021
VOI Iota	B.1.526	30	0	4 February 2021
VOI Zeta	P.2	4	0	27 January 2021

*Detected variants are identified from sequencing a combination of retrospective and contemporary SARS-CoV-2 positive specimens. Therefore, changes to the previous report do not always reflect recent collections but add to the overall understanding of variant proportions

Delta Variant

What we know:

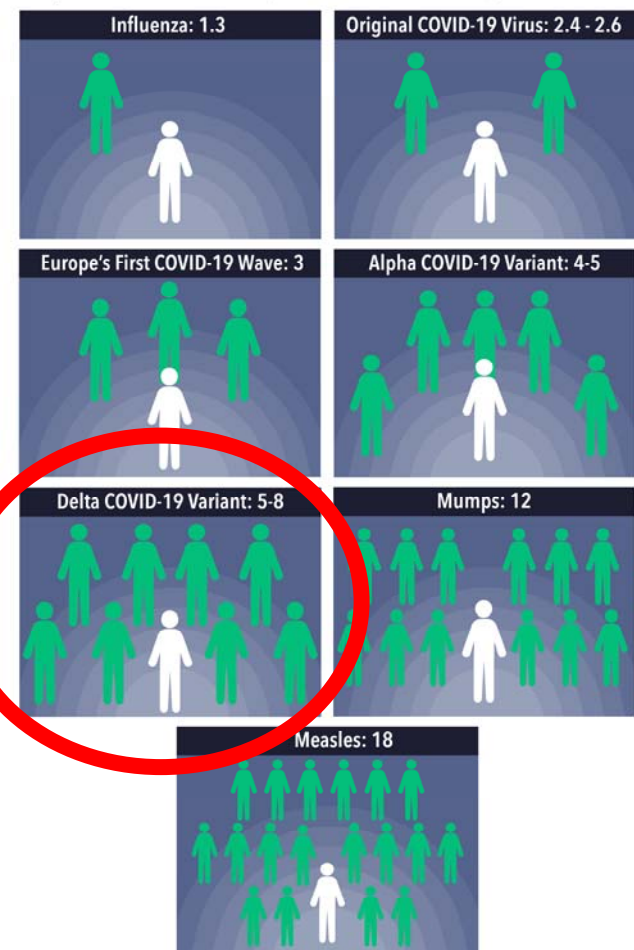
- Delta is a variant of the virus that causes COVID-19.
- New data show Delta is very contagious and spreads more easily than other variants. Unvaccinated people are at highest risk.
- Second dose of mRNA increases effectiveness of vaccines against Delta.

What we are learning:

- Vaccinated people can get breakthrough infections of Delta variant and may be contagious.
- Vaccinated individuals represent a very small amount of total transmission.
- In areas of high transmission, masking in public indoor settings helps prevent the spread of Delta

How the R0 Numbers of COVID-19 Variants and Other Diseases Compare

The R0 (reproductive number) indicates how many people on average will contract an infectious disease from a single person. The more contagious the disease, the higher the R0.



Adapted from the Lancet

ARE VACCINES EFFECTIVE?

Yes! Getting vaccinated prevents severe illness, hospitalization, and death; it also helps reduce the spread of the virus in communities.

With the Delta variant, vaccination is more urgent than ever.

Protected from	Vaccinated	Unvaccinated
Severe Symptoms	✓	✗
Hospitalization	✓	✗
Death	✓	✗



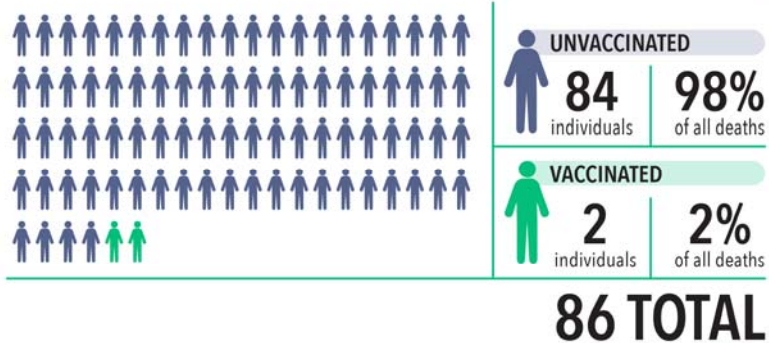
cdc.gov/coronavirus

CS925818-A 07/27/2021

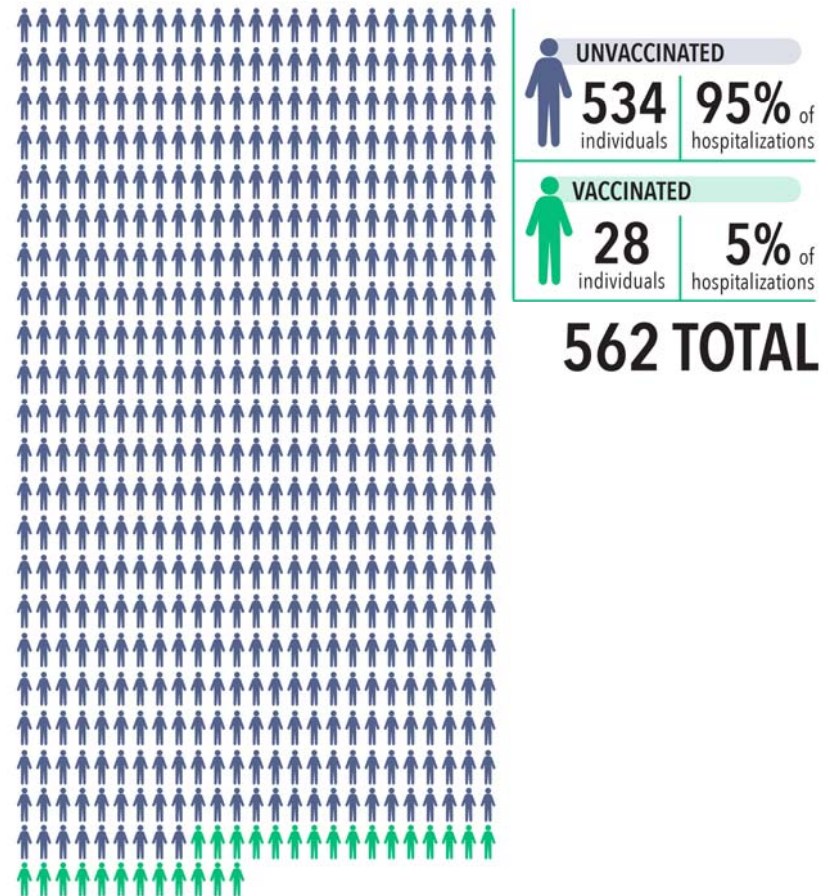
Hospitalizations and Deaths from COVID

January 1 – July 17, 2021

Deaths from COVID

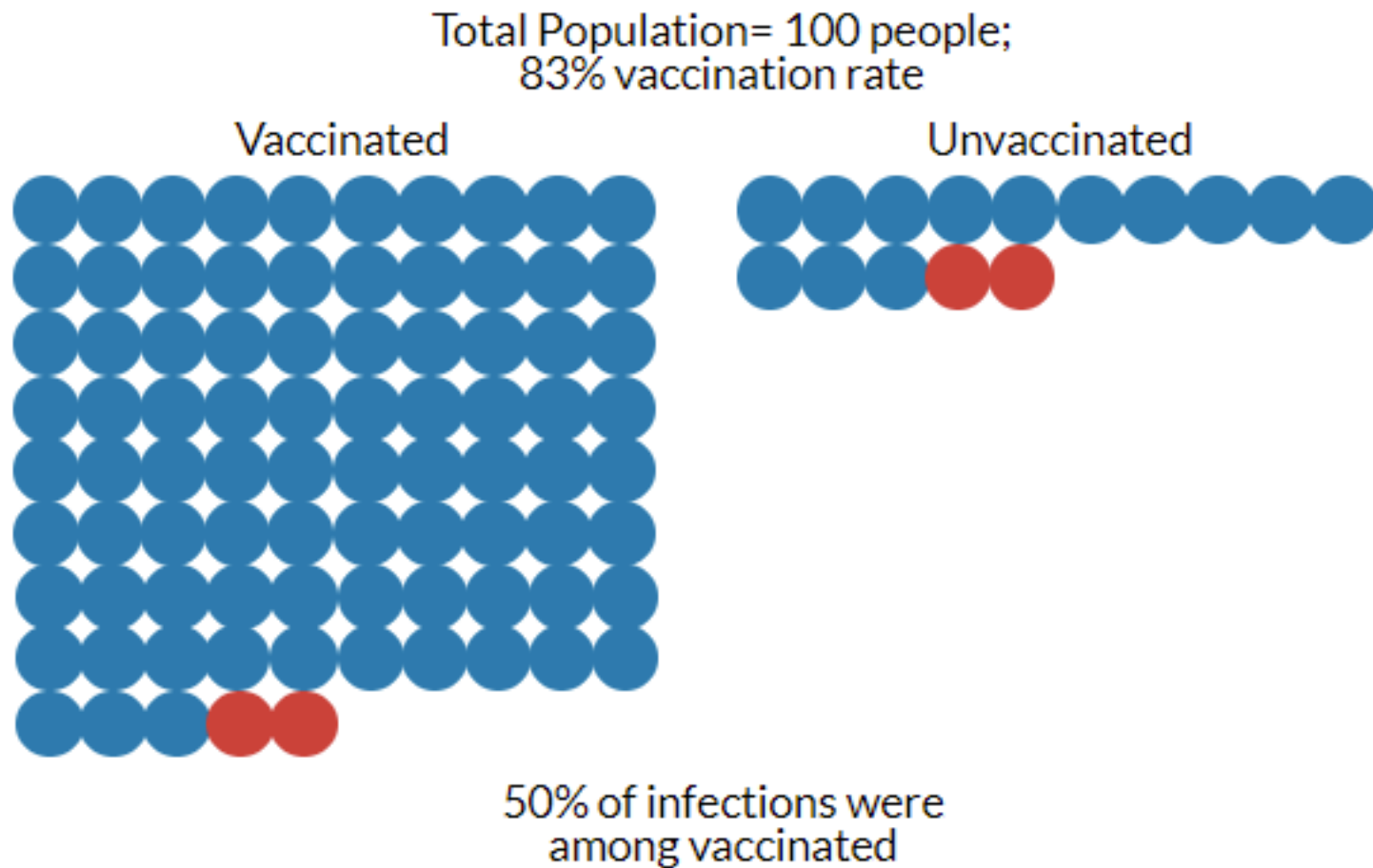


Hospitalizations from COVID



Vaccinated individuals were fully vaccinated (series complete + two weeks).
Deaths due to COVID; some individuals also had underlying health conditions.

Vaccine Breakthrough Example



Reminder: What To Do If You're Sick

	UNVACCINATED	VACCINATED*
If you test positive for COVID-19	ISOLATE Until cleared by public health (usually 10 days, but may vary depending on symptoms).	
If you are exposed to COVID-19 and have NO symptoms	GET TESTED and QUARANTINE Until cleared by public health (7-14 days) depending on testing and location.	MONITOR Carefully for symptoms for 14 days. Quarantine not required.
If you are exposed to COVID-19 and have ANY symptoms	GET TESTED and ISOLATE - If positive, keep isolating. - If negative, stay home while you have symptoms or until you are finished with QUARANTINE, whichever is longer. Talk to a health care provider and consider testing again.	GET TESTED and ISOLATE - If positive, keep isolating. - If negative, stay home while you have symptoms. Talk to a health care provider and consider testing again.
If you have ANY symptoms of COVID-19 and no known exposure	GET TESTED and STAY HOME - If positive, isolate for 10 days. - If negative, stay home while you have symptoms. Talk to a health care provider and consider testing again.	

* A person is fully vaccinated if two weeks have passed since receiving the second dose of the Pfizer or Moderna vaccines or a single dose of the Johnson and Johnson vaccine.

