



Marion County
OREGON
Health & Human Services

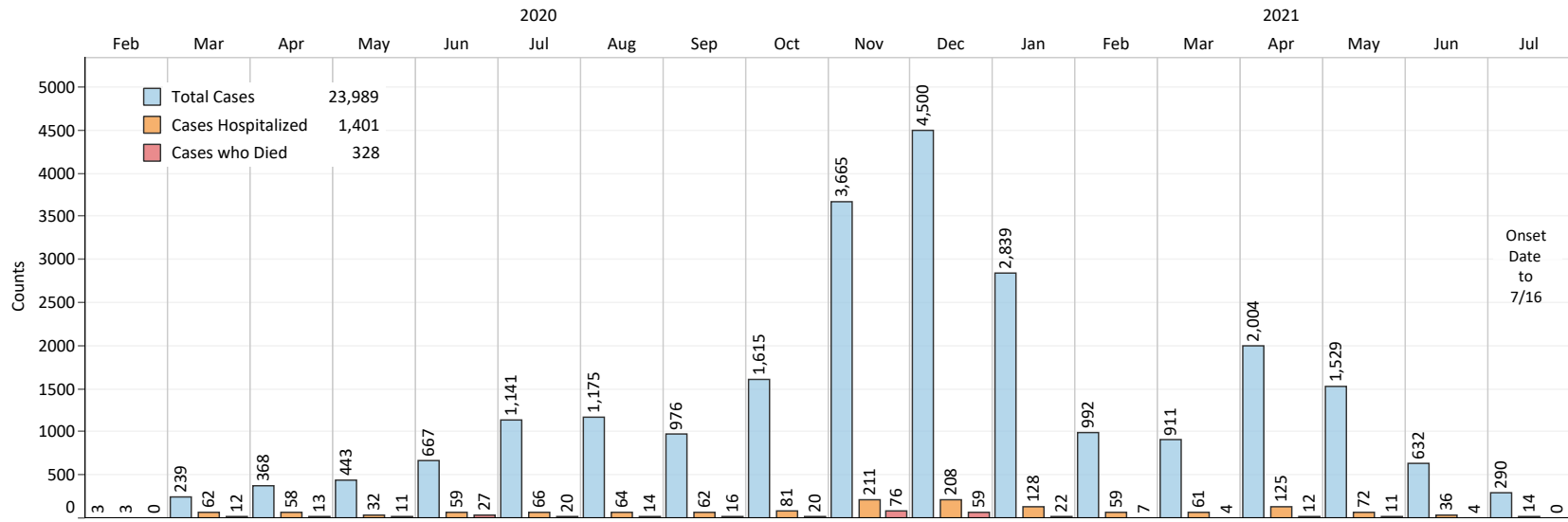
COVID-19 Data & Trends

July 20, 2021

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Infections, Hospitalizations & Deaths by Onset Date - Monthly Summary



Proportion of cases that result in severe outcomes (hospitalizations or deaths), by month and over the course of the pandemic.

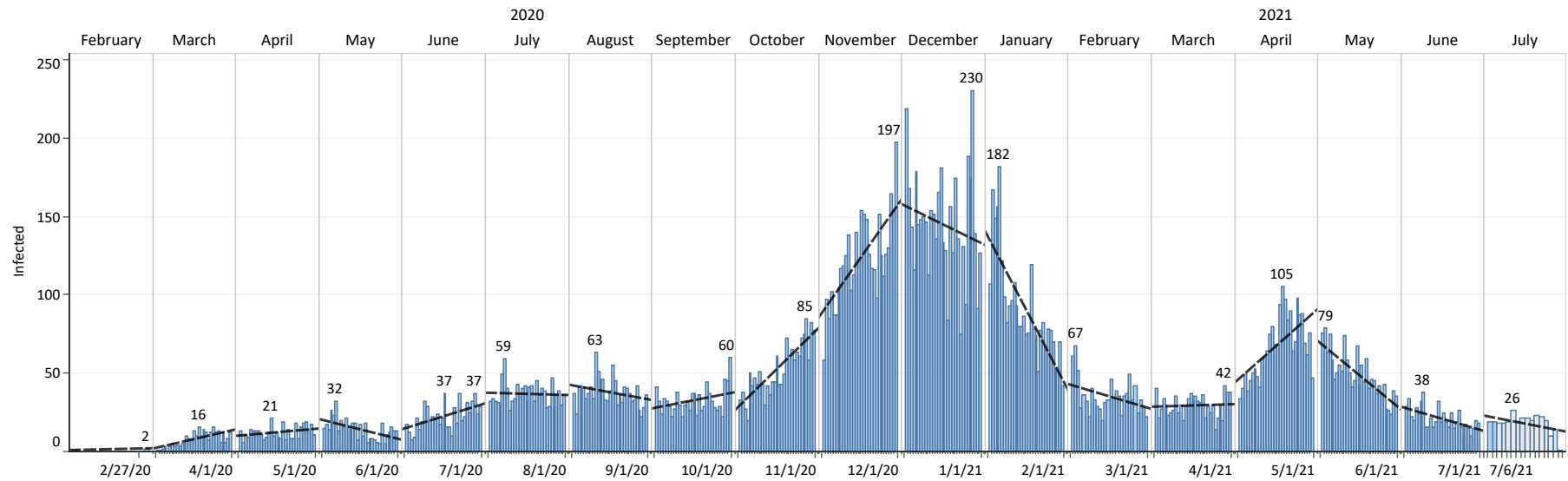
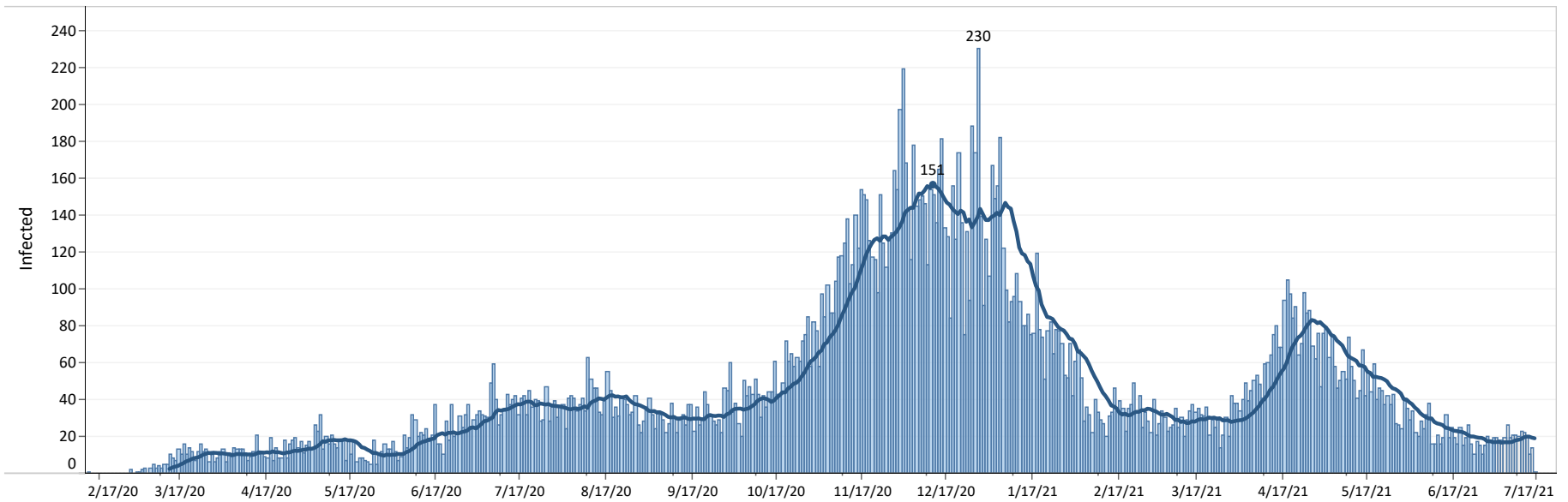
	2020												2021							Grand Total
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul		
Case Hospitalized Rate	100.0%	25.9%	15.8%	7.2%	8.8%	5.8%	5.4%	6.4%	5.0%	5.8%	4.6%	4.5%	5.9%	6.7%	6.2%	4.7%	5.7%	4.8%	5.8%	
Case Fatality Rate	0.0%	5.0%	3.5%	2.5%	4.0%	1.8%	1.2%	1.6%	1.2%	2.1%	1.3%	0.8%	0.7%	0.4%	0.6%	0.7%	0.6%	0.0%	1.4%	

Proportion per month of infections, hospitalizations, and deaths across the course of the pandemic.

	2020												2021							Grand Total
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul		
Cases	0%	1%	2%	2%	3%	5%	5%	4%	7%	15%	19%	12%	4%	4%	8%	6%	3%	1%	100%	
Hospitalized	0%	4%	4%	2%	4%	5%	5%	4%	6%	15%	15%	9%	4%	4%	9%	5%	3%	1%	100%	
Deaths	0%	4%	4%	3%	8%	6%	4%	5%	6%	23%	18%	7%	2%	1%	4%	3%	1%	0%	100%	

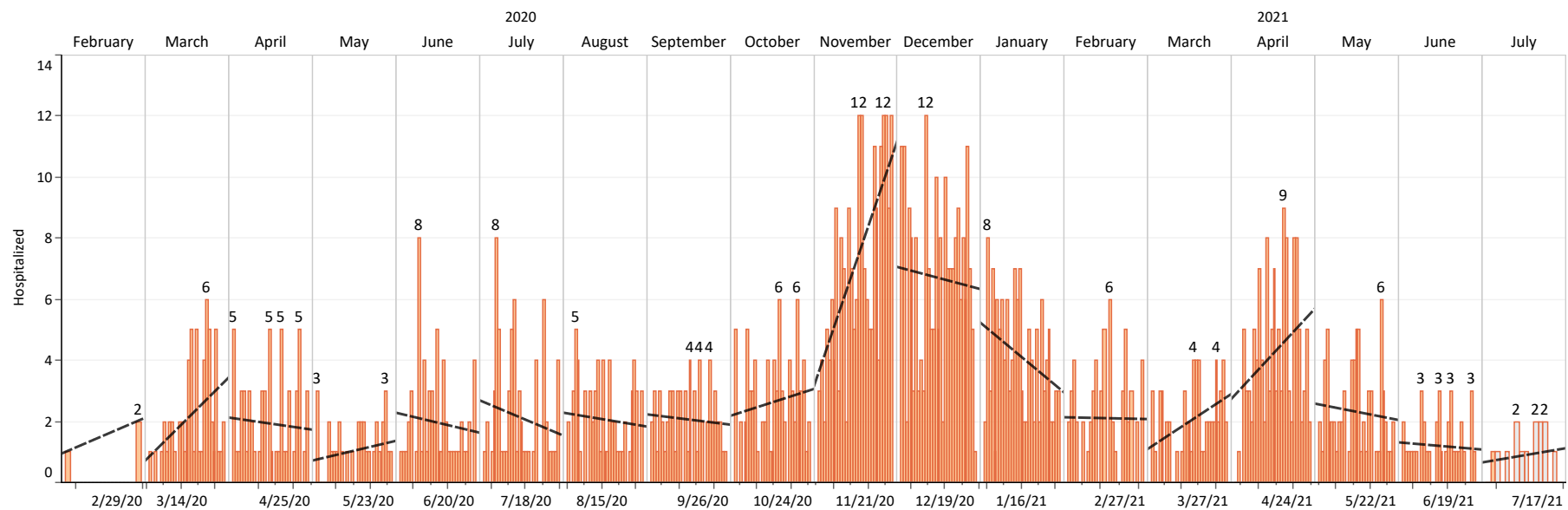
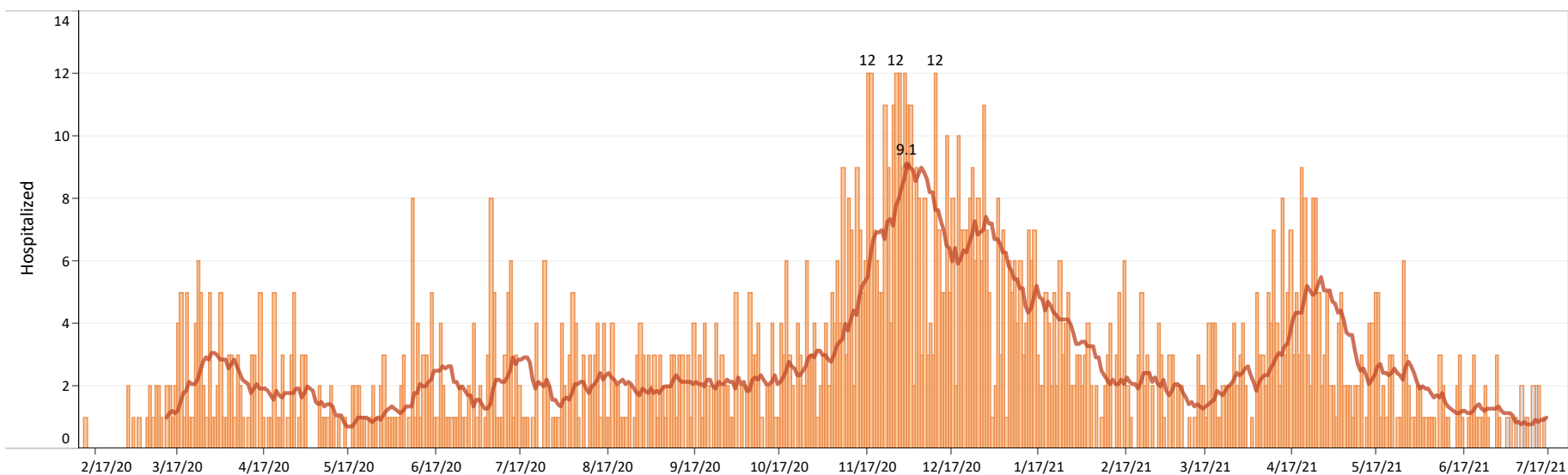
This page shows how the level of infection and severity of COVID-19 is progressing in the county, summarized by month of symptom onset, so as to show broad trends.

Cases: Numbers and Trends



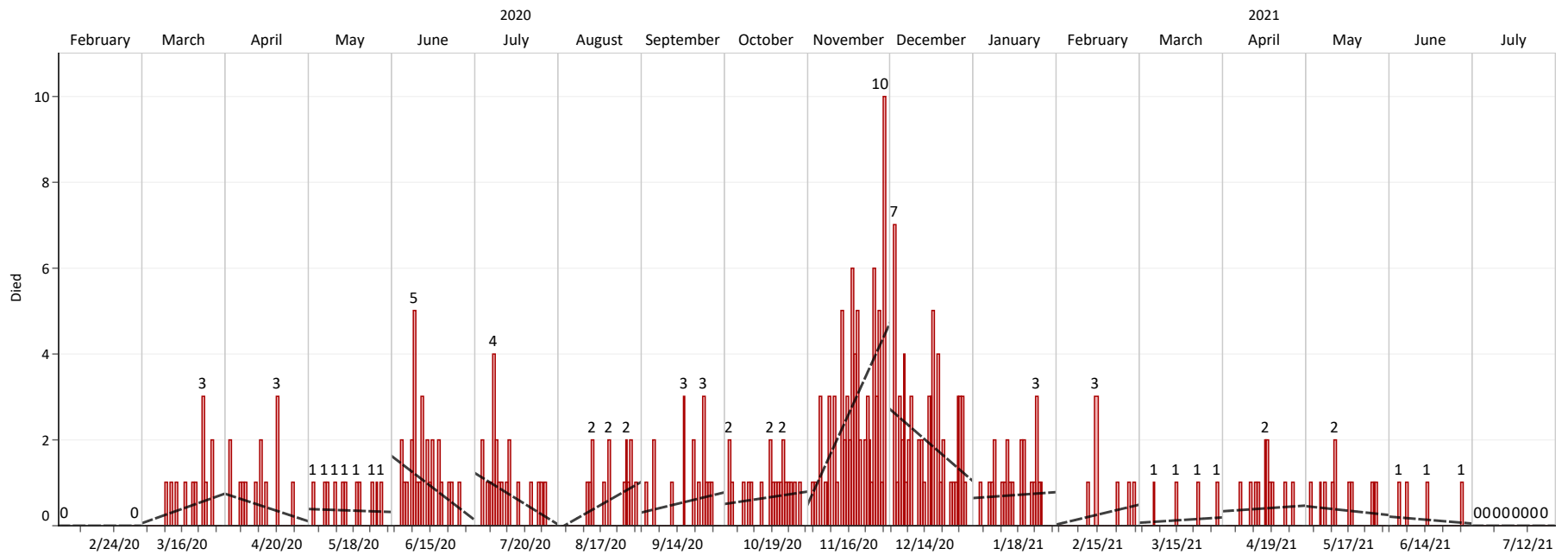
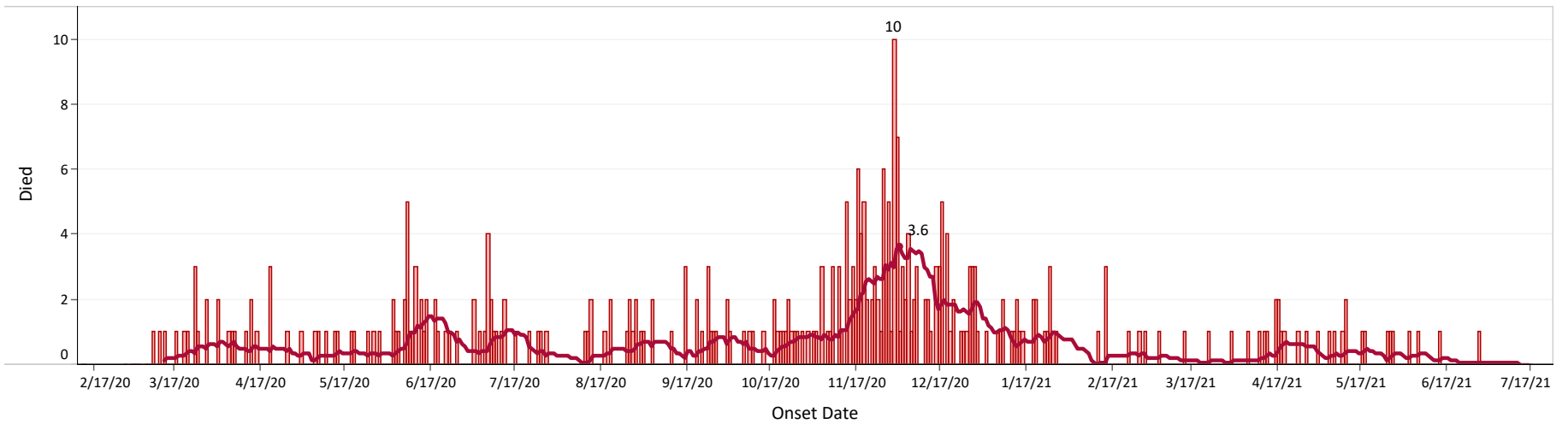
Two views of the number of infections over time by date of symptom onset: the top chart show the number of infections for each day and the 14-day moving average. Counts of infections over the last week are provisional and are denoted by shading. The bottom chart shows how the trend changes by month.

Hospitalizations: Numbers and Trends



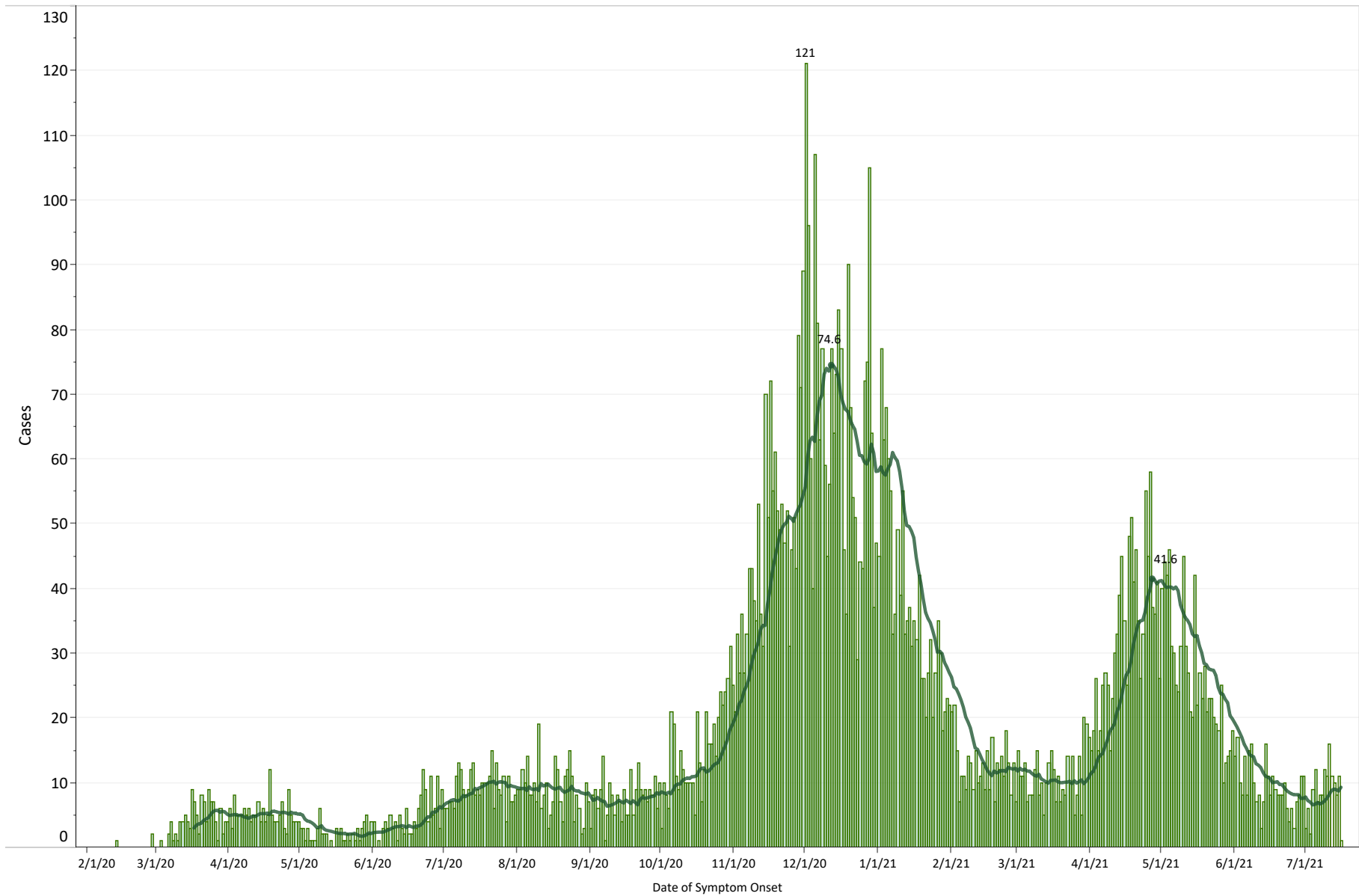
Two views of the number of hospitalizations over time by date of symptom onset: the top chart show the number of cases hospitalized and the 14-day moving average. The grey bars indicate the dates where data is likely incomplete. The bottom chart shows how the trend changes by month.

Deaths: Numbers and Trends



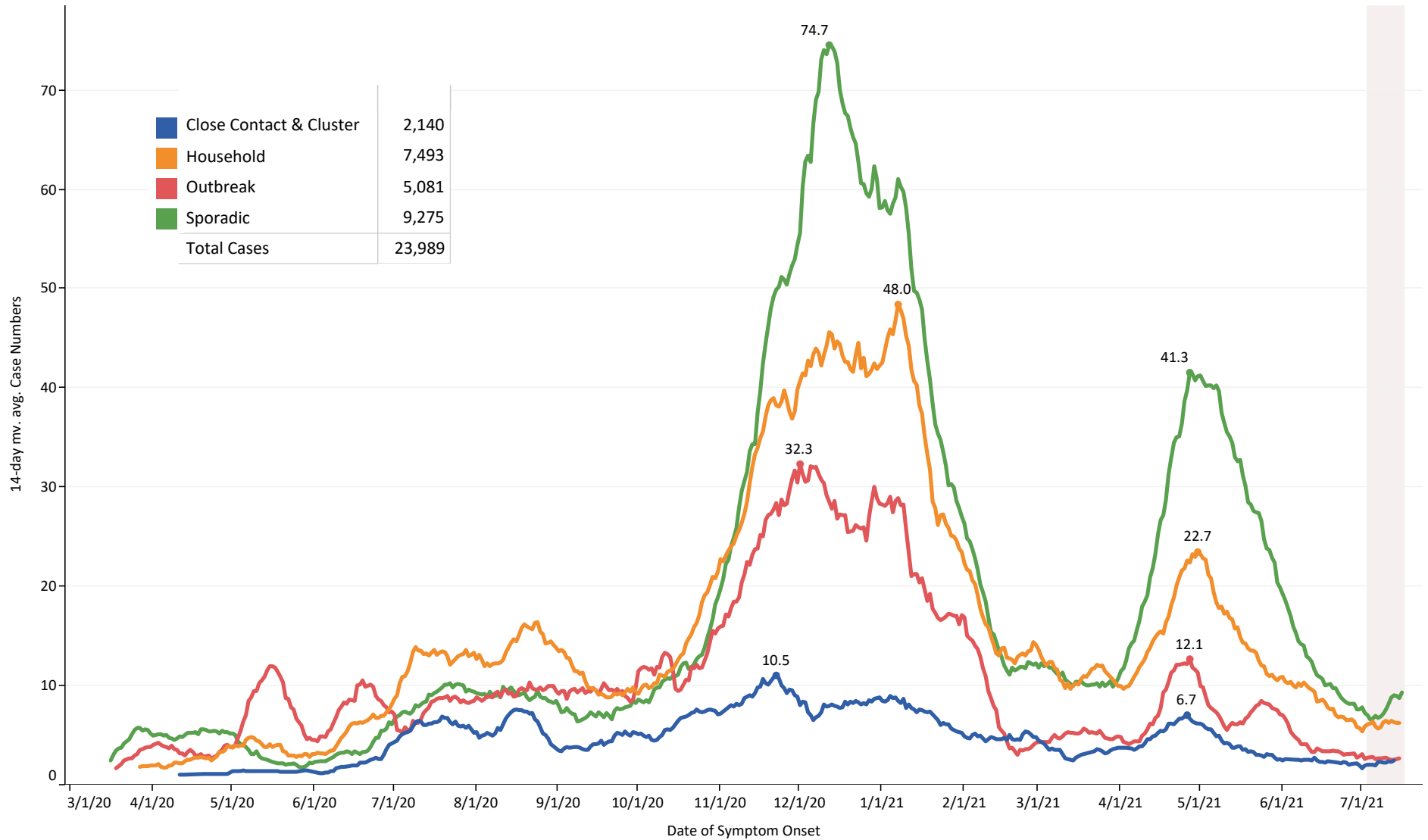
Two views of the number of fatal cases over time by date of symptom onset: the top chart show the number of cases who died each day and the 14-day moving average. The grey bars indicate the dates where data is likely incomplete. The bottom chart shows how the trend changes by month.

Infections Due to Sporadic Transmission



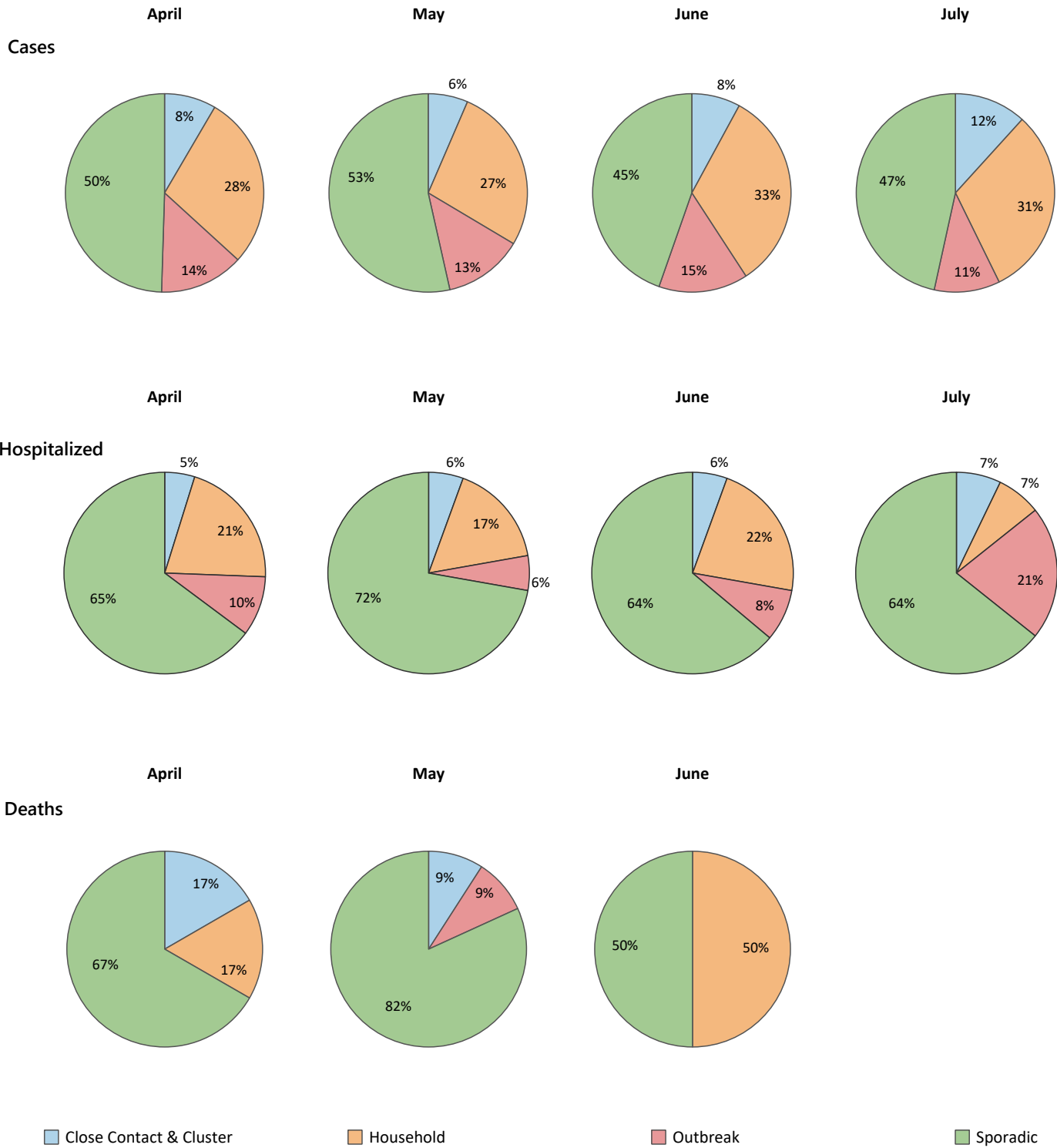
Sporadic cases are infections that have *not* been traced to a source. This chart shows the number of cases due to sporadic infection by symptom onset date over the period of the pandemic and the 14-day moving average of these counts. The grey bars indicates the date interval where case investigation will likely reduce the sporadic counts by identifying an infection source.

Infection Trends by Source



This chart shows the four general sources of infection and their trends using a 14-day moving average, where the dates reflect the date of symptom onset. The shaded bar indicates the date interval where data is likely incomplete. Note that for July, it appears that outbreaks as a source of infection continues to decline, but cases due to close contact and sporadic spread are on the increase.

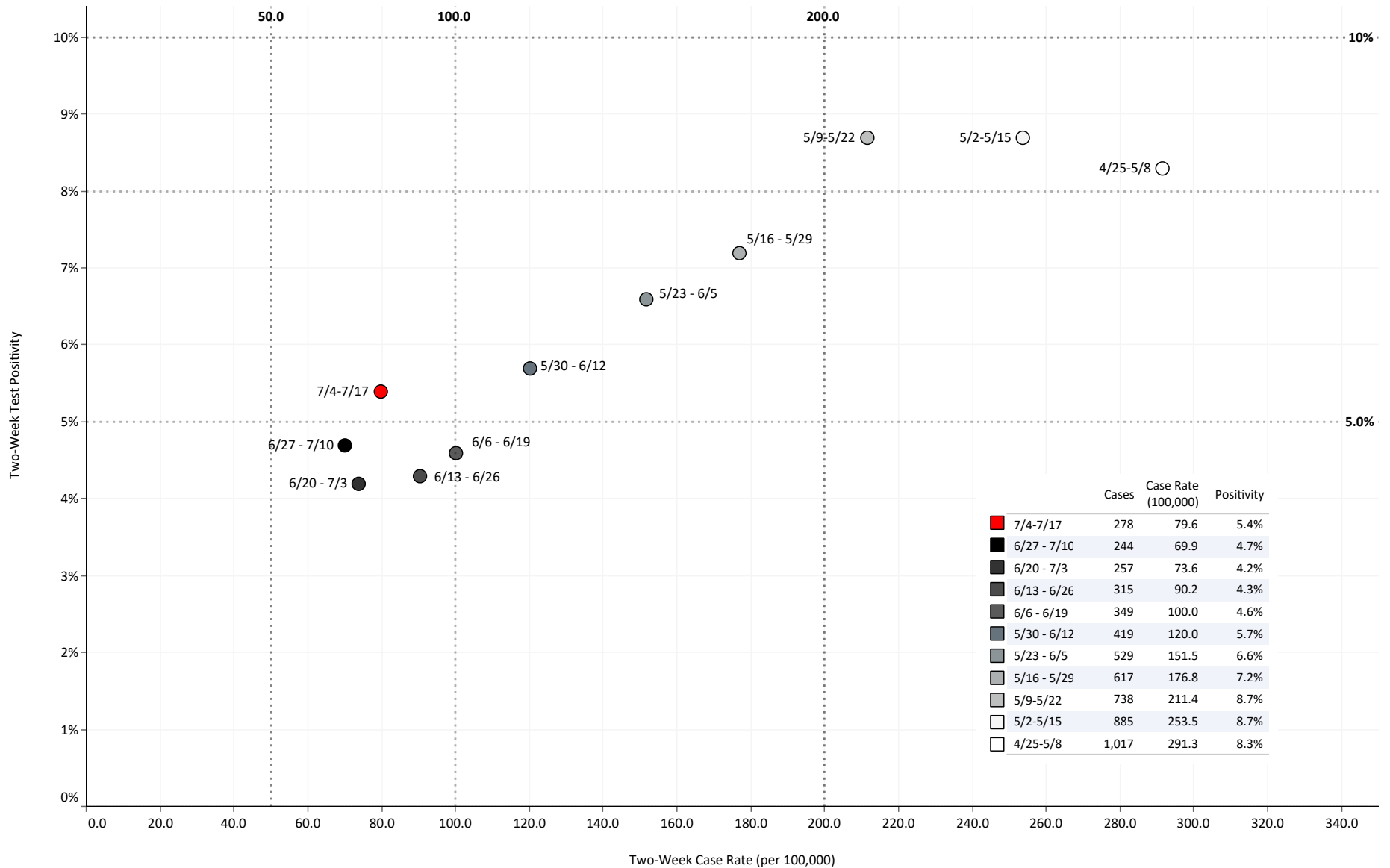
Distribution of Cases, Hospitalizations and Deaths by Infection Source



Charts display the monthly distribution by infection source for cases, hospitalizations and deaths, over the last four months, by date of symptom onset.

Data Updated: 7/19/2021 8:53:00 AM

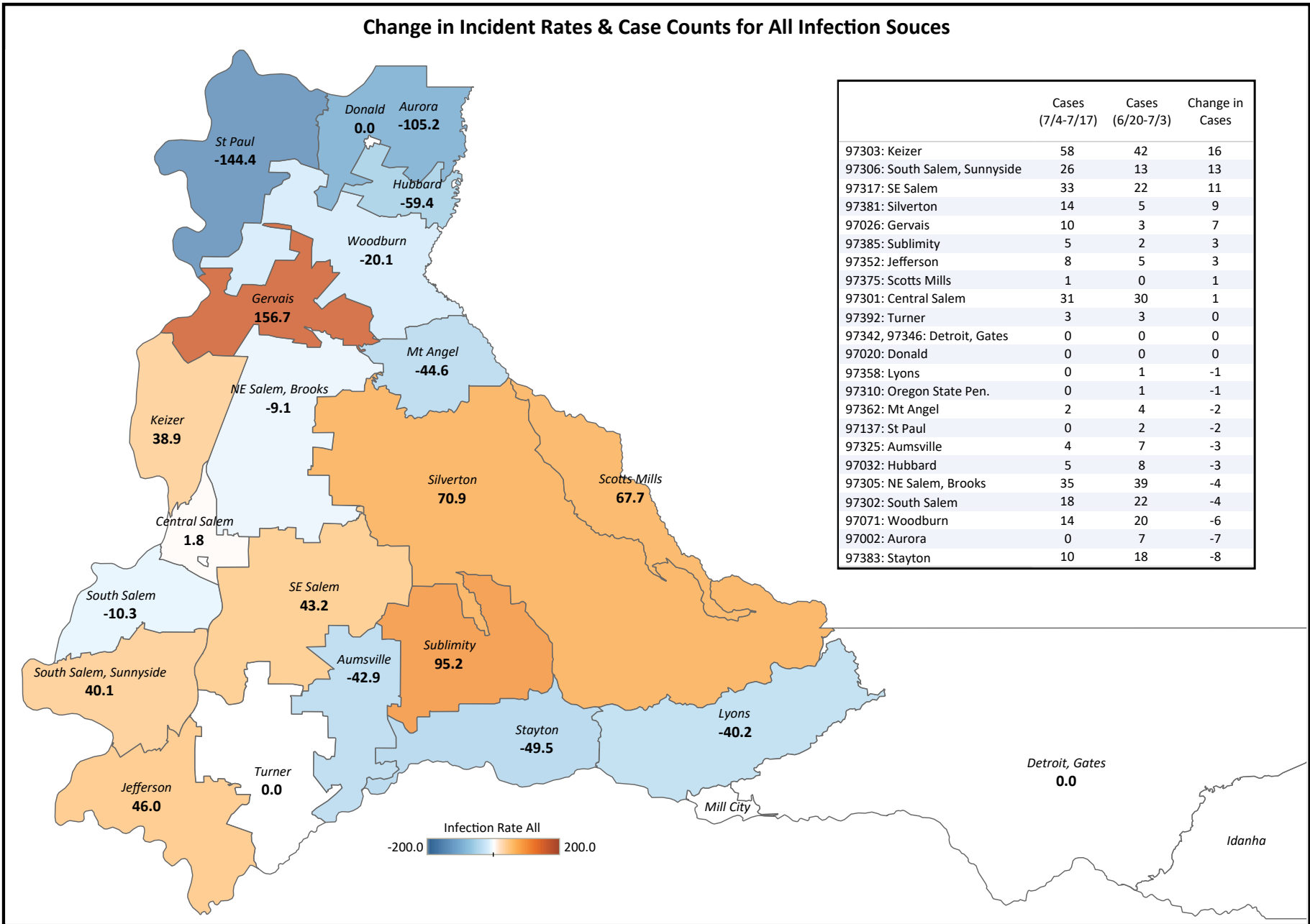
Community Spread Metrics



This diagram tracks the changes in the two metrics associated with the community spread of COVID-19: the test-based positivity and the number of case per 100,000, both of which are calculated over a two week period (Sunday-Saturday). Following a period of declining case rates and positivity through May and June, we now see both cases and positivity increasing.

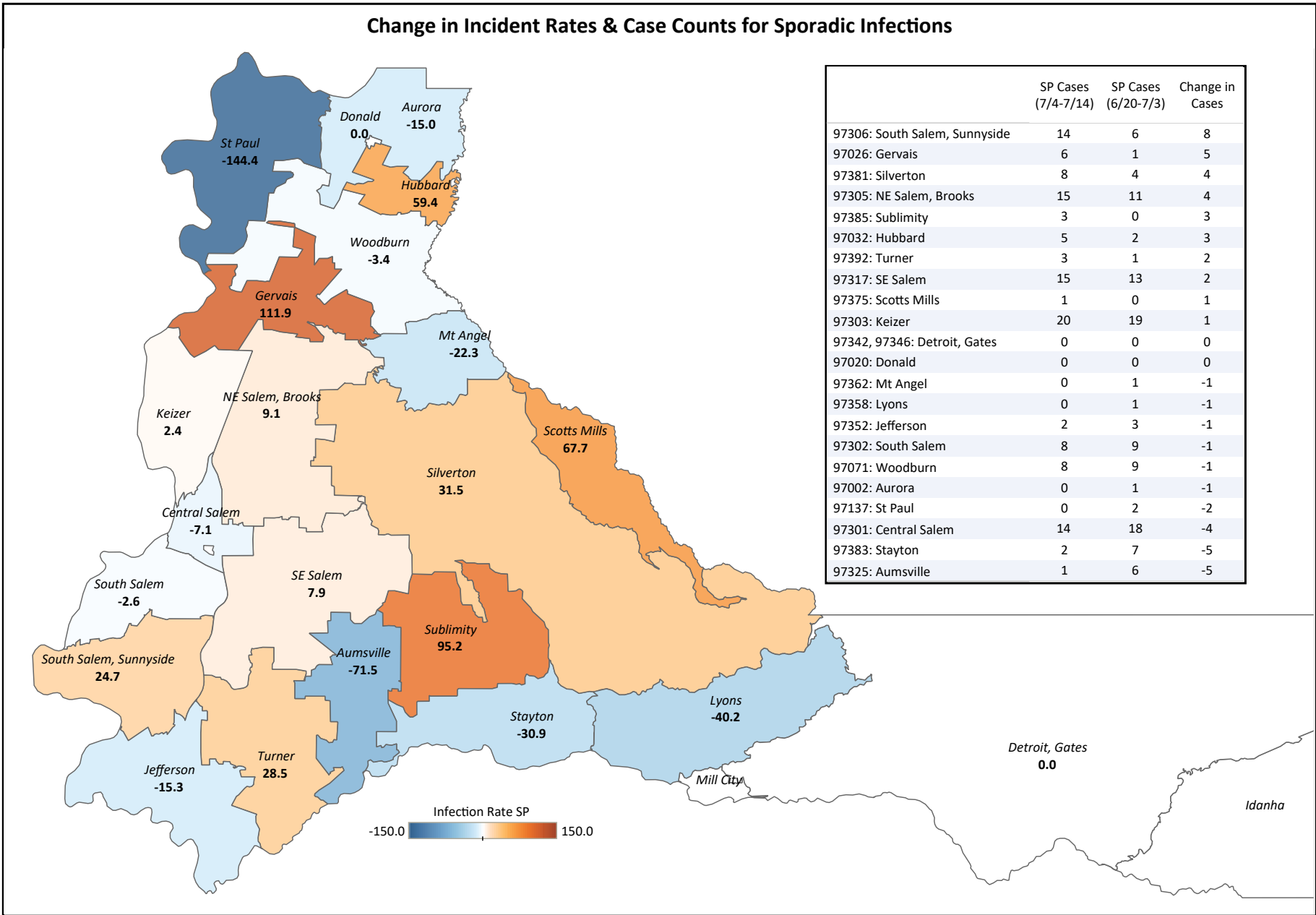
Data Updated: 7/19/2021

Change in Incident Rates & Case Counts for All Infection Sources



This map is a companion to the watch metrics, showing how case counts and rates during the current two-week period ending 7/17/2021 varied geographically and how these values compare with those of 6/20-7/3. Dates reflect true case date.

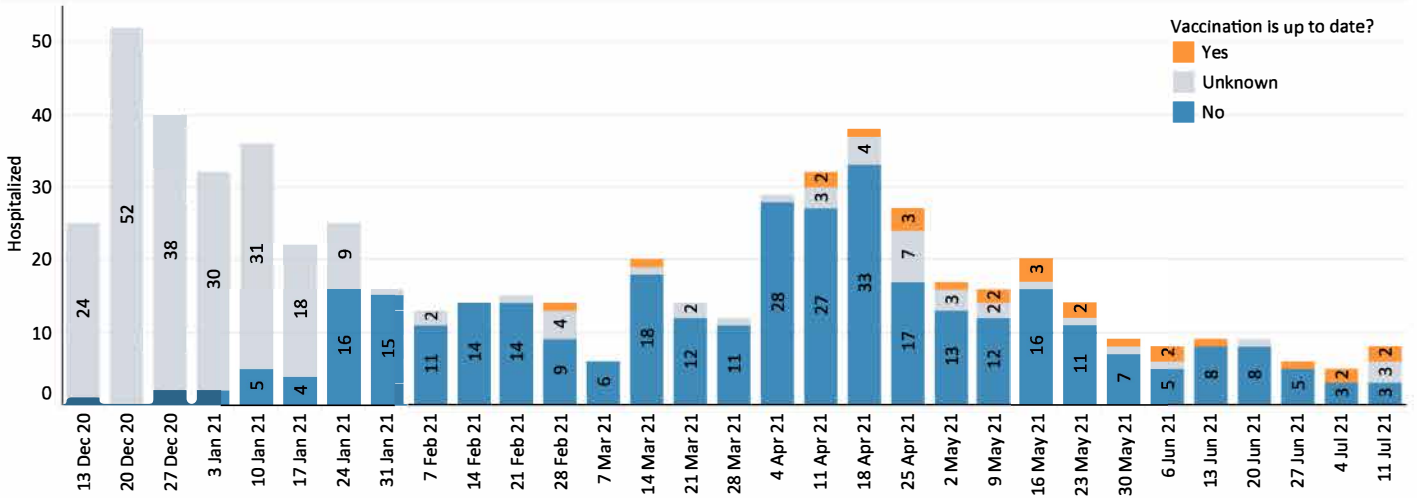
Change in Incident Rates & Case Counts for Sporadic Infections



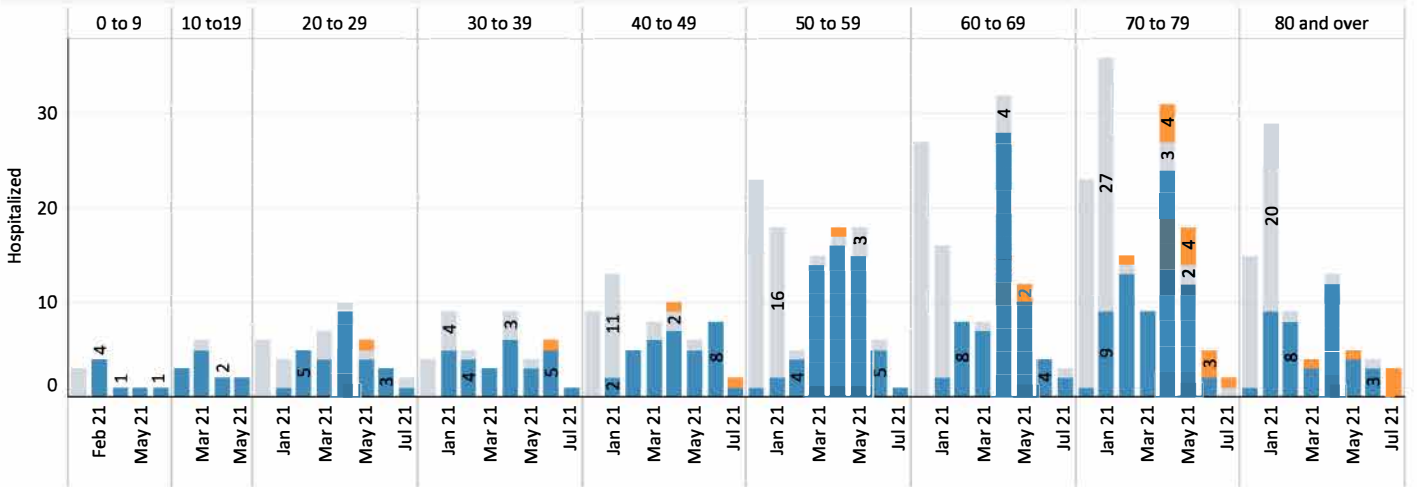
This map is a companion to the watch metrics, showing how sporadic case counts and rates during the current two-week period ending 7/17/2021 varied geographically and how these values compare with those of 6/20-7/3. The number of sporadic cases has started to increase in the County.

Hospitalizations by Vaccination Status (12/16/20-7/17/2021)

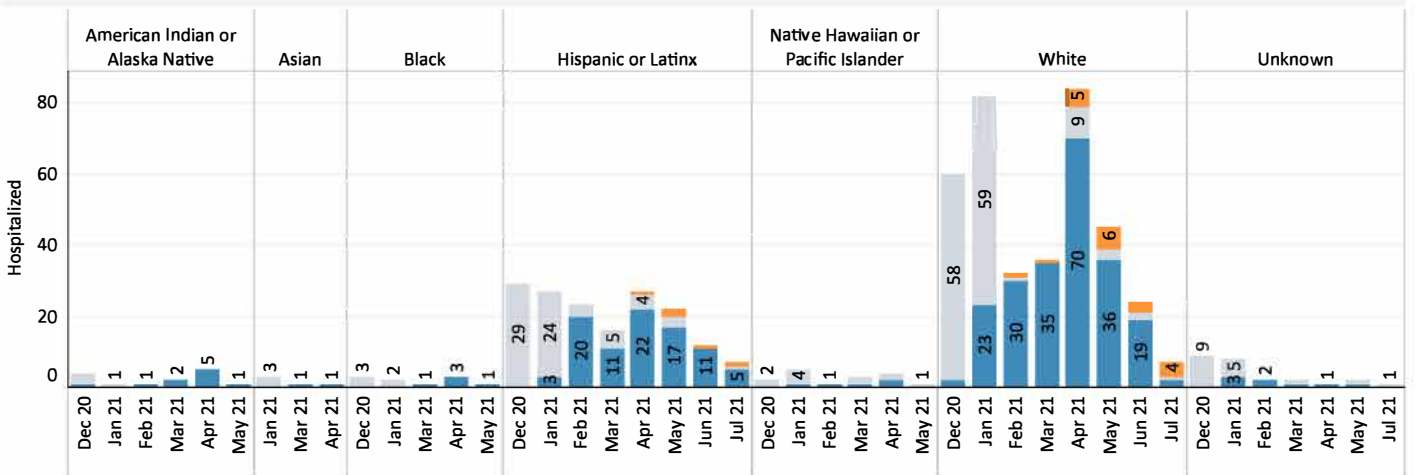
Hospitalized by Week



Monthly Hospitalizations by Age Group



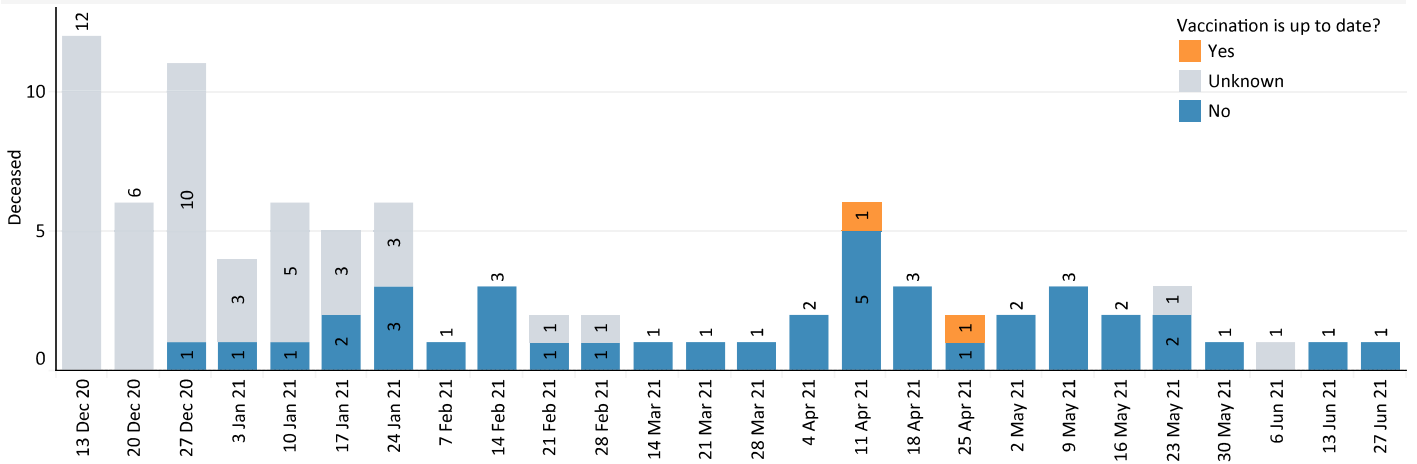
Monthly Hospitalizations by Race-Ethnicity



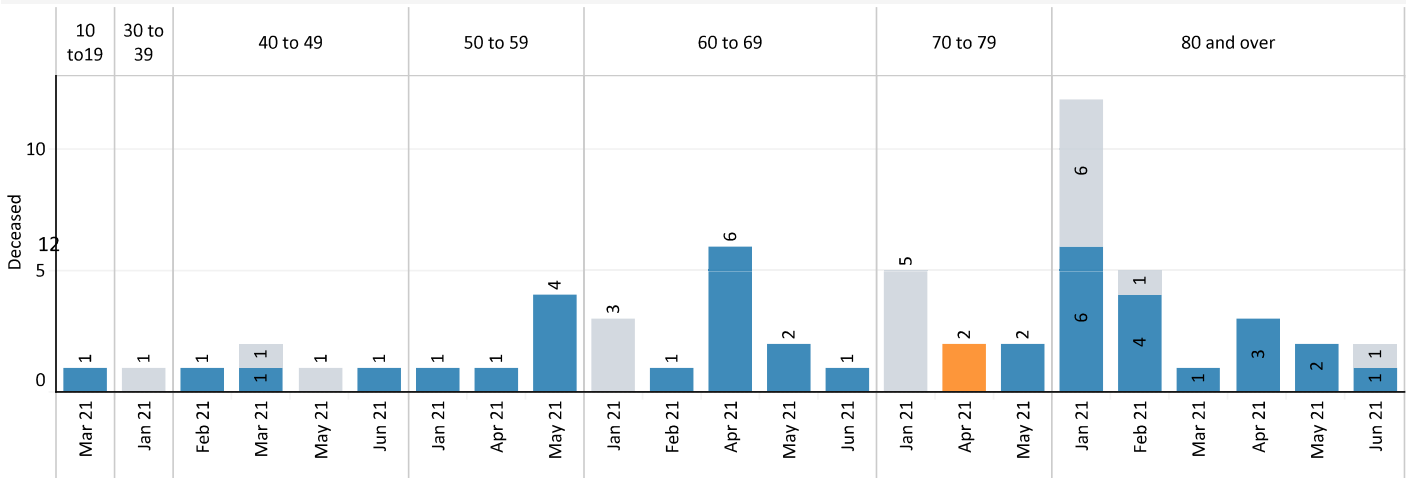
This group of charts shows the vaccination status of all hospitalized COVID-19 cases, including by age group and race-ethnicity categories. Date is symptom onset.

Deaths by Vaccination Status (12/16/20-7/17/2021)

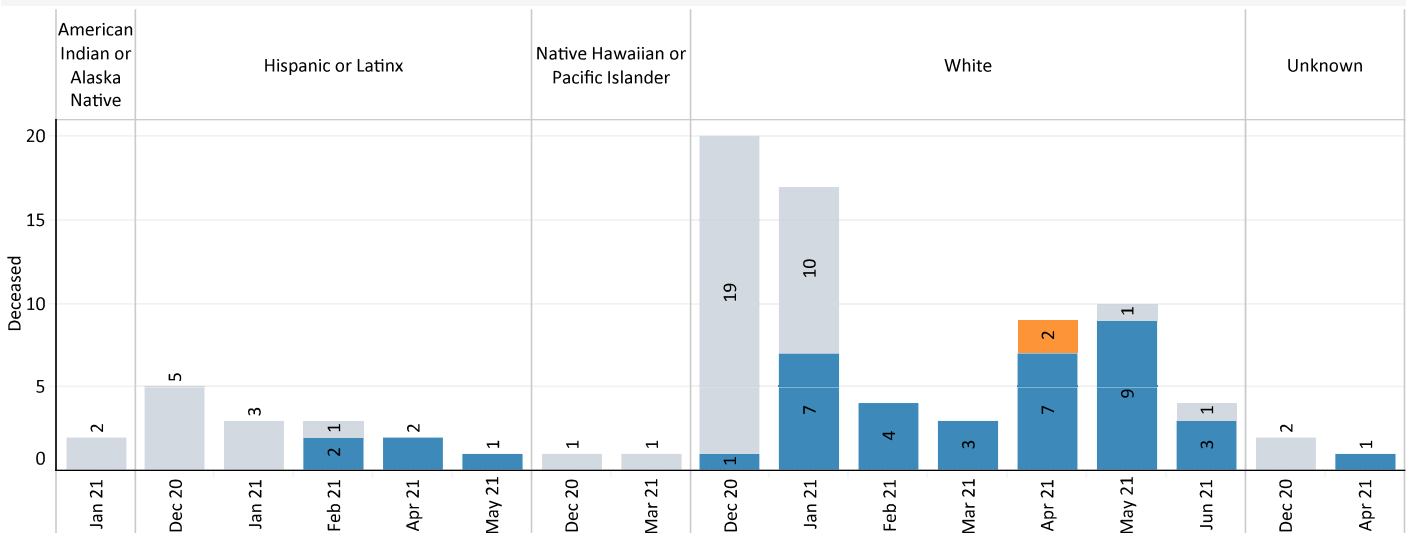
Deaths by Week



Monthly Deaths by Age Group

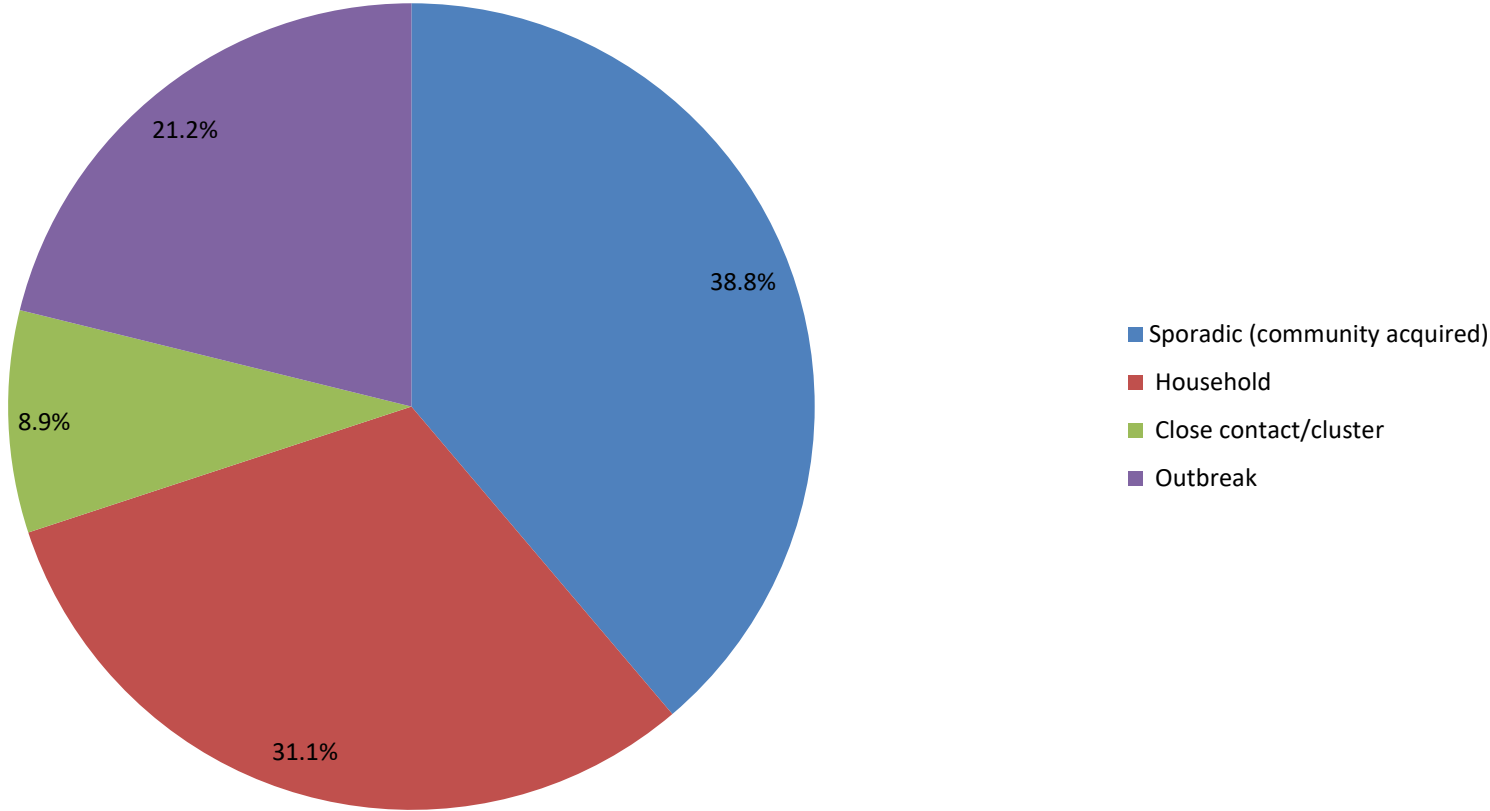


Monthly Deaths by Race-Ethnicity



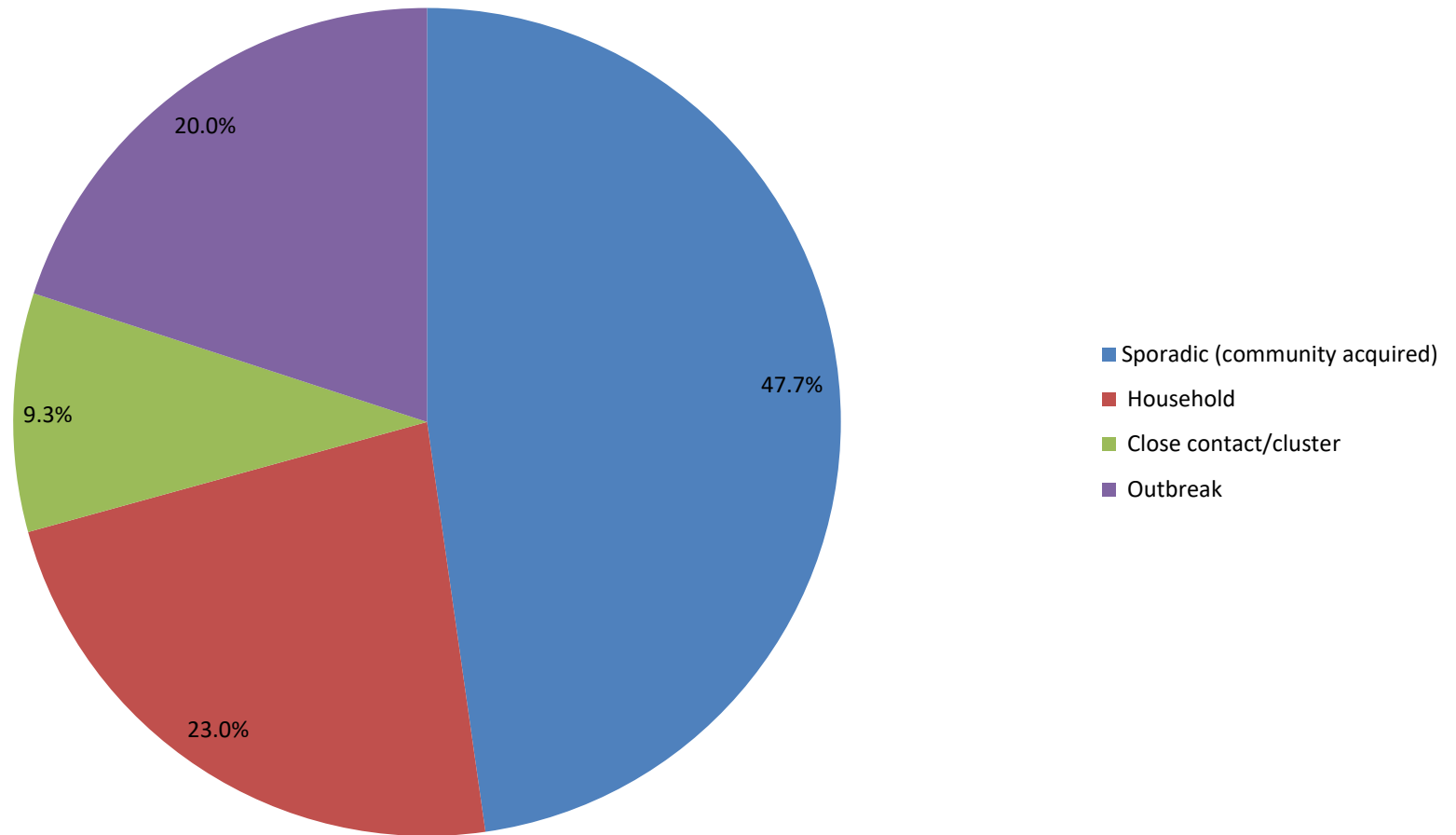
This group of charts shows the vaccination status of fatal COVID-19 cases, including by age group and race-ethnicity categories. Date is symptom onset.

Percentage of COVID-19 cases in Marion County by source of infection, 1/1/20 - 7/19/21, ORPHEUS



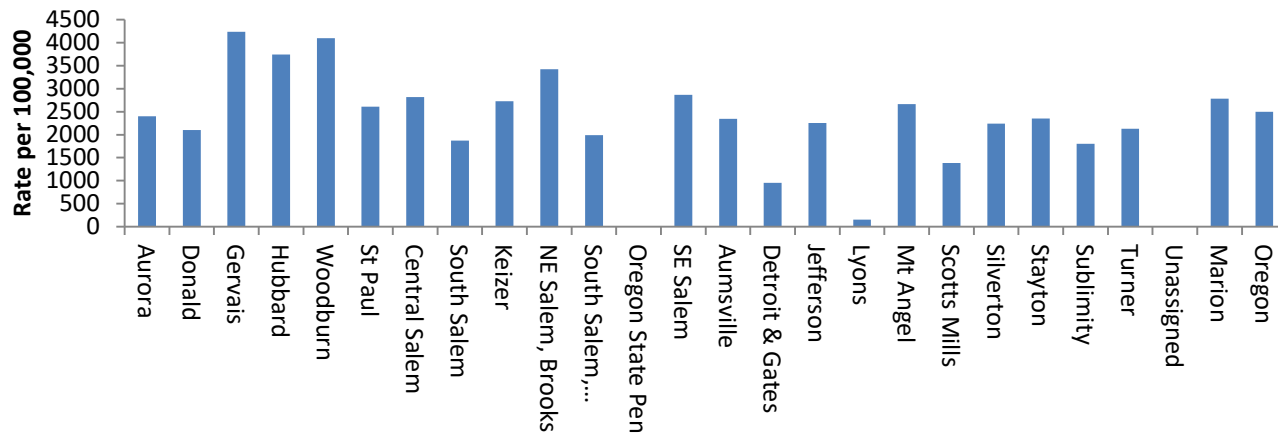
This slide shows the breakdown of infection source for COVID-19 cases in Marion County. The most common type of infection source in Marion is sporadic transmission (community acquired) (38.8%), followed by household (31.1%). **It is important to note that this figure should not be directly compared to the state figure as they don't take into account differences in population size.** Close contact/cluster = contact between cases from different households not associated with a facility. These are typically referred to as social event outbreaks. Generated 7/19/21. **Updated bi-weekly**

Percentage of COVID-19 cases in Oregon by source of infection, 1/1/20 - 7/19/21, ORPHEUS

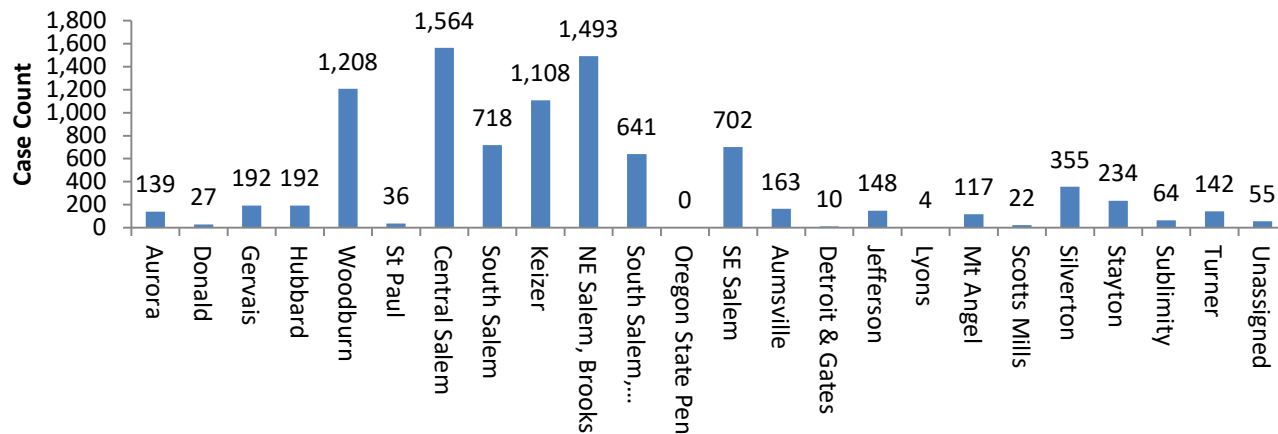


This slide shows the percentage of COVID-19 cases by the likely source of infection in Oregon. In Oregon, the most common source of infection for COVID-19 cases are sporadic (47.7%), or that the source cannot be ascertained, these are said to be “community acquired”. The second most common source is households (23.0%), followed by outbreaks (20.0%). **It is important to note that this figure should not be directly compared to the Marion figure as they don’t take into account differences in population size.** Generated 7/19/21. **Updated bi-weekly**

Rate of COVID-19 sporadic cases by zip code in Marion County per 100,000 population, 1/1/20 - 7/19/21, ORPHEUS & Census Bureau

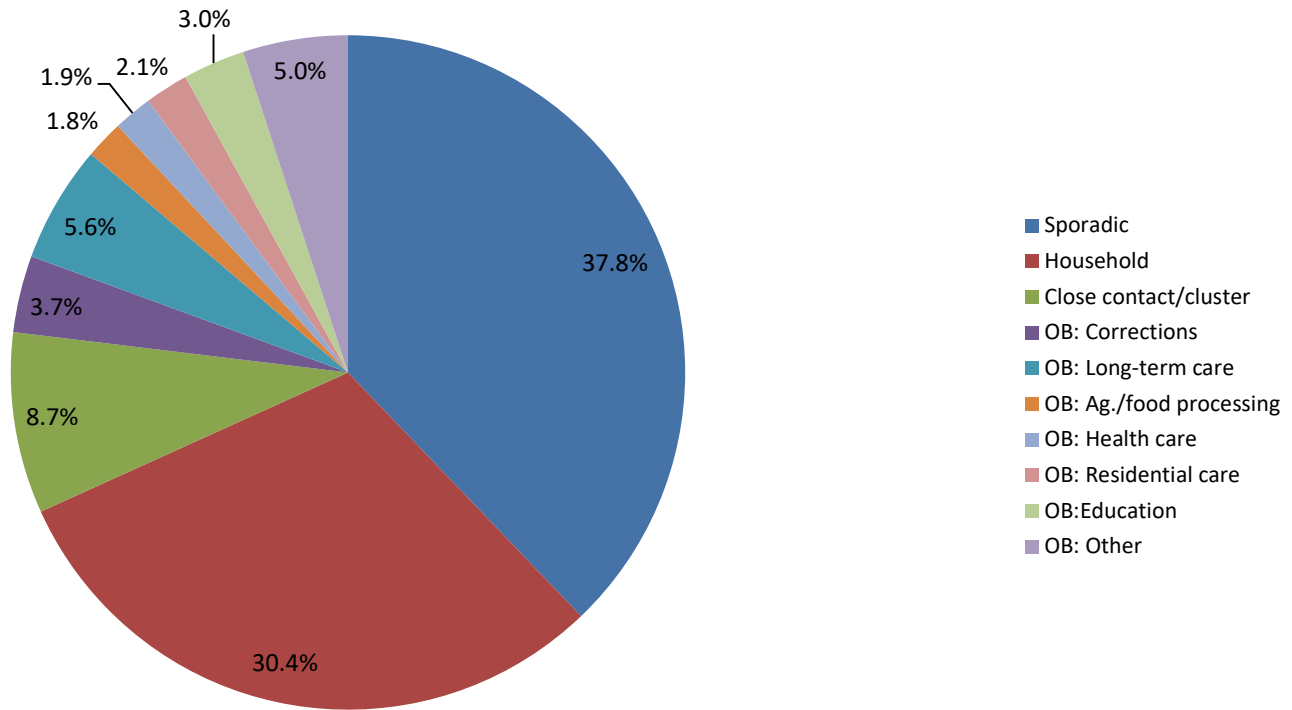


Count of COVID-19 sporadic cases by zip code in Marion County (N=9,334), 1/1/20 - 7/19/21, ORPHEUS & Census Bureau



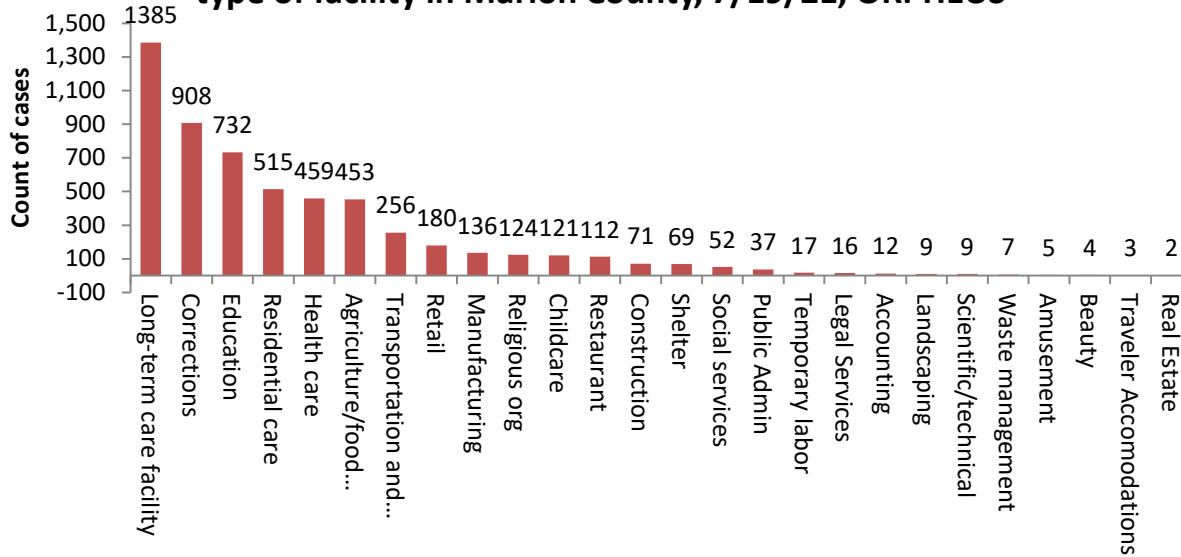
This slide shows the rate of sporadic (community acquired) COVID-19 illness per 100,000 amongst cases in Marion County. When taking population size into account, sporadic COVID-19 illness was highest in “North County” zip codes (Woodburn, Gervais, Hubbard, and NE Salem/Brooks). Of note, the sporadic case rate is higher in Marion County than Oregon, suggesting that more cases per capita became infected from an unknown source in Marion than Oregon cases as a whole. The bulk of sporadic cases by count are coming from Woodburn, Central Salem, Keizer, and NE Salem Brooks zip codes. Generated 7/19/21. ****Updated bi-weekly****

Percentage of COVID-19 cases associated with an outbreak by type of facility in Marion County, 1/1/20 - 7/19/21, ORPHEUS

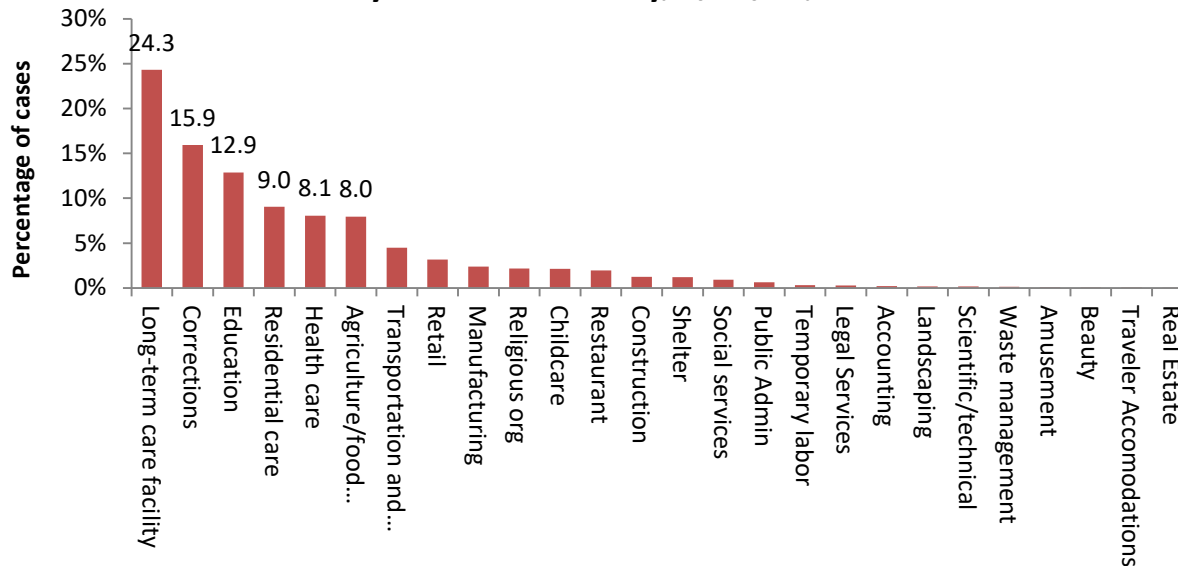


This slide shows the overall summary of source of COVID-19 illness in Marion County with a further breakdown of outbreaks. OB = outbreaks. Generated 7/19/21. **Updated bi-weekly**

Count of COVID-19 cases (N=5,694) associated with an outbreak by type of facility in Marion County, 7/19/21, ORPHEUS

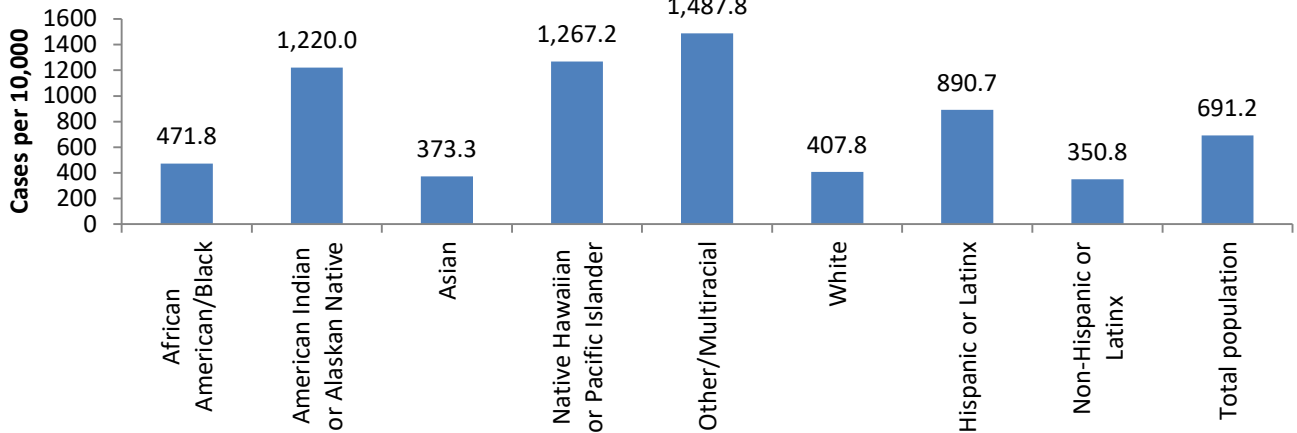


Percentage of COVID-19 cases associated with an outbreak by type of facility in Marion County, 7/19/21, ORPHEUS



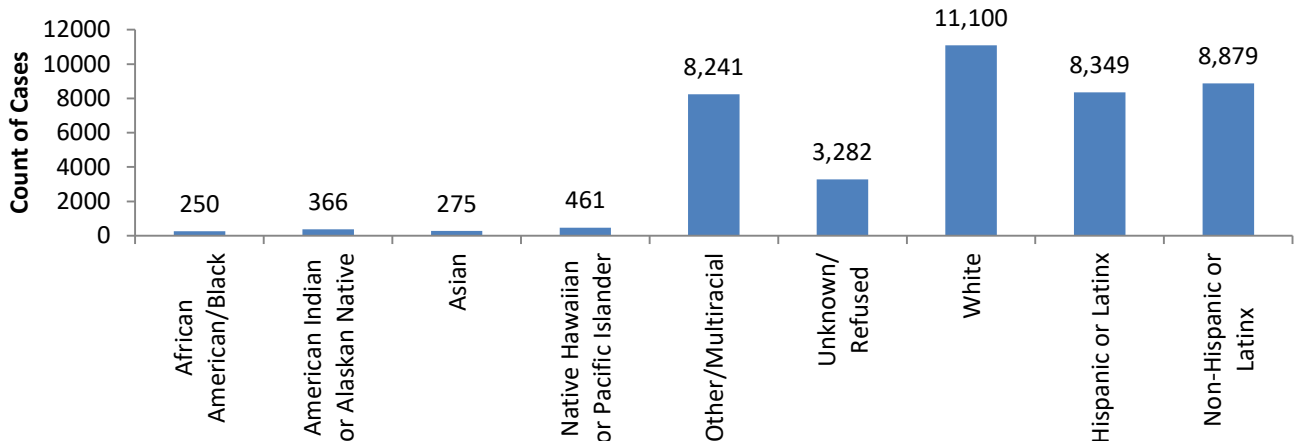
This slide shows the percentage and count of COVID-19 cases by type of outbreak facility in Marion County. The most common source of outbreaks were at long-term-care-facilities (LTCF) (24.3%), followed by corrections (15.9%), and education (12.9%). Of note, education facilities recently passed up residential care facilities in terms of count and the overall percentage of cases associated with outbreaks. Generated 7/19/21. **Updated bi-weekly**

Rate of COVID-19 cases by race & ethnicity in Marion County per 10,000 population, 1/1/20 - 7/19/21, ORPHEUS & Census Bureau



COVID-19 illness disproportionately affects communities of color. People who identified as Other or Multiracial had the highest case incidence rates of any racial group in Marion County. People who identified as Hispanic or LatinX had higher incidence rates than their Non-Hispanic or LatinX counterparts (890.7 per 10,000 Vs. 350.8 per 10,000). At this time, 8,039 people from the Hispanic or LatinX community have had COVID-19 illness. Generated 7/19/21. ****Updated bi-weekly****.

Count of COVID-19 cases (N=23,975) by race & ethnicity in Marion County, 1/1/20 - 7/19/21, ORPHEUS & Census Bureau

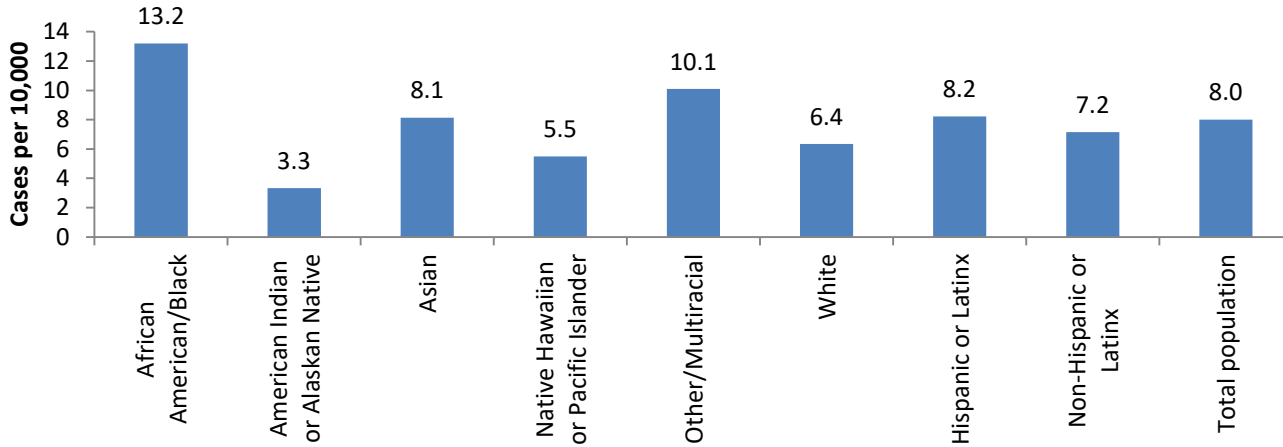


Race: refers to how a person identifies, typically in terms of physical characteristics such as skin color. (OHA – REALD) A person may identify as one single race or multiple races, in which case they are coded as “Other/Multiracial”.

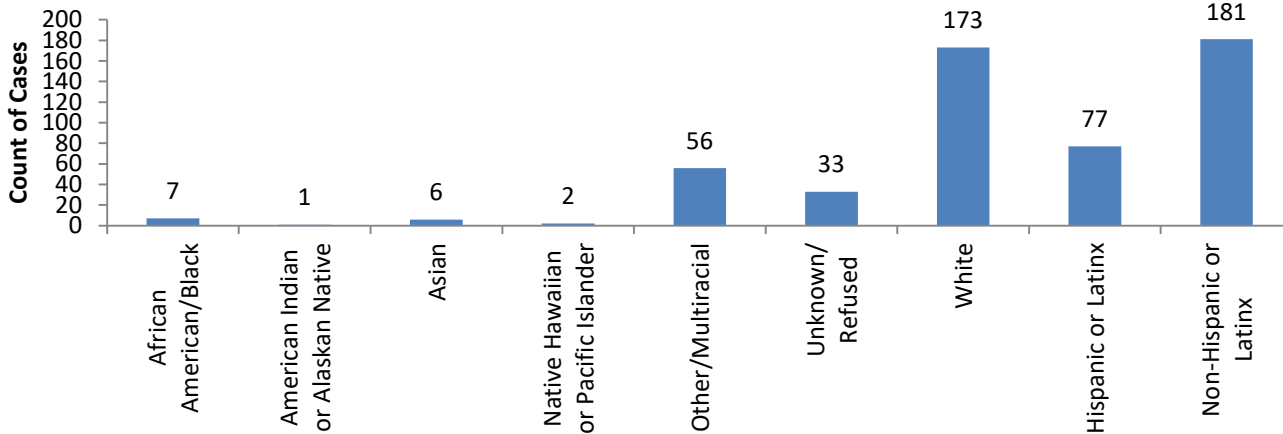
Ethnicity: refers to cultural factors such as nationality. In data collection efforts, “ethnicity” in the U.S. typically refers specifically to Hispanic ethnicity. (OHA – REALD)

Note – As cases are asked to provide their race and ethnicity, the total number of cases in the bottom figure will sum to more than the total number of cases reported (N).

Rate of COVID-19 cases by race & ethnicity in Marion County per 10,000 population, 7/4/21 - 7/17/21, ORPHEUS & Census Bureau



Count of COVID-19 cases (N=278) by race & ethnicity in Marion County, 7/4/21 - 7/17/21, ORPHEUS & Census Bureau



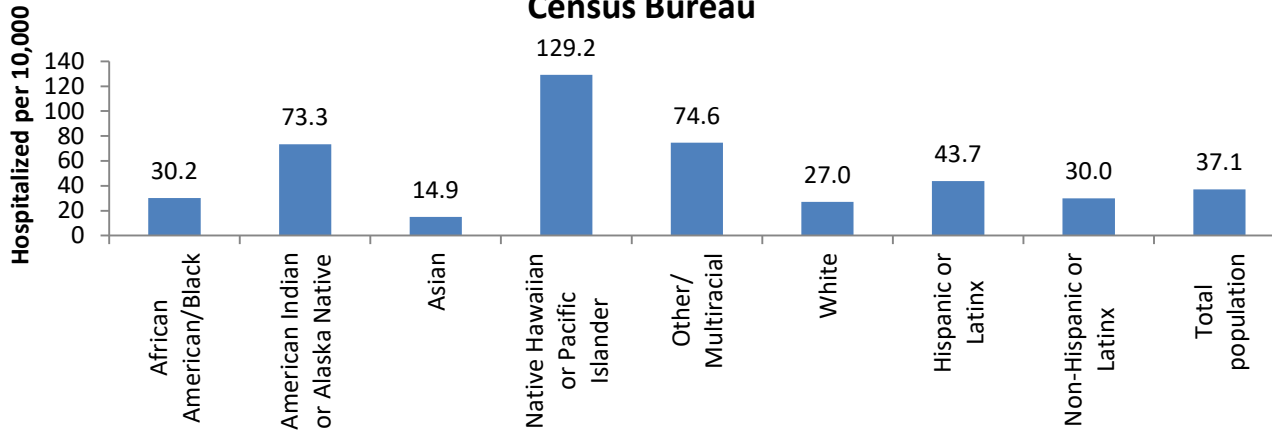
In the last two weeks, COVID-19 illness disproportionately affected communities of color in Marion County. People who identified as Hispanic or LatinX had higher incidence rates than their Non-Hispanic or LatinX counterparts (8.2 per 10,000 Vs. 7.2 per 10,000). Generated 7/19/21. ****Updated bi-weekly****.

Race: refers to how a person identifies, typically in terms of physical characteristics such as skin color. (OHA – REALD) A person may identify as one single race or multiple races, in which case they are coded as “Other/Multiracial”.

Ethnicity: refers to cultural factors such as nationality. In data collection efforts, “ethnicity” in the U.S. typically refers specifically to Hispanic ethnicity. (OHA – REALD)

Note – As cases are asked to provide their race and ethnicity, the total number of cases in the bottom figure will sum to more than the total number of cases reported (N).

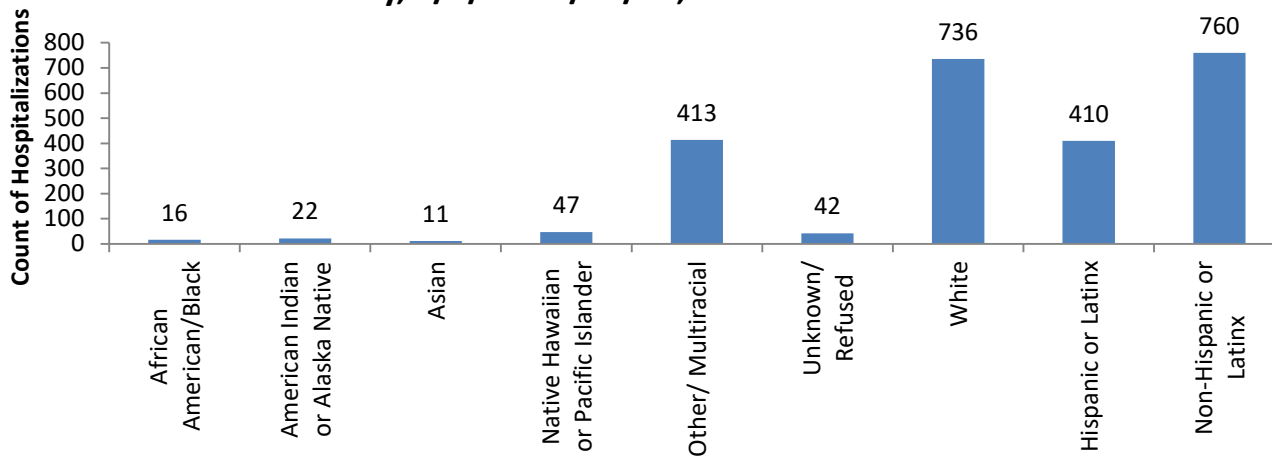
Rate of COVID-19 hospitalizations by race & ethnicity in Marion County per 10,000 population, 1/1/20 - 5/10/21, ORPHEUS & Census Bureau



In the community, people who identified as Native Hawaiian or Pacific Islander had the highest rate of hospitalizations from COVID-19 of any racial group (129.2 per 10,000). People who identified as Hispanic or LatinX had higher hospitalization rates than their Non-Hispanic or LatinX counterparts (43.7 per 10,000 Vs. 30.0 per 10,000). At this time, 1,287 people in the community have been hospitalized with COVID-19. Generated 5/10/21.

****Updated as needed****

Count of COVID-19 hospitalizations(N=1,287) by race & ethnicity in Marion County, 1/1/20 - 5/10/21, ORPHEUS & Census Bureau

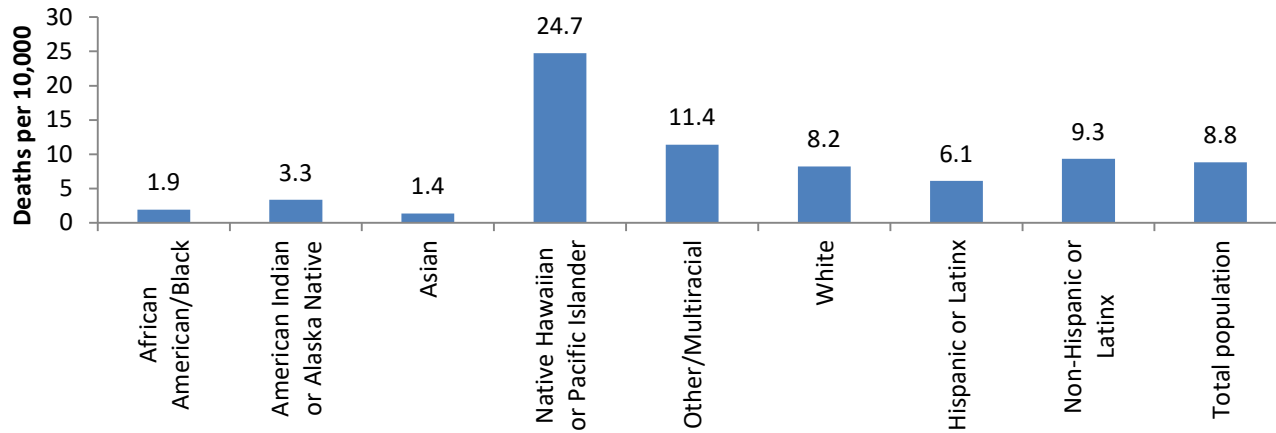


Race: refers to how a person identifies, typically in terms of physical characteristics such as skin color. (OHA – REALD) A person may identify as one single race or multiple races, in which case they are coded as “Other/Multiracial”.

Ethnicity: refers to cultural factors such as nationality. In data collection efforts, “ethnicity” in the U.S. typically refers specifically to Hispanic ethnicity. (OHA – REALD)

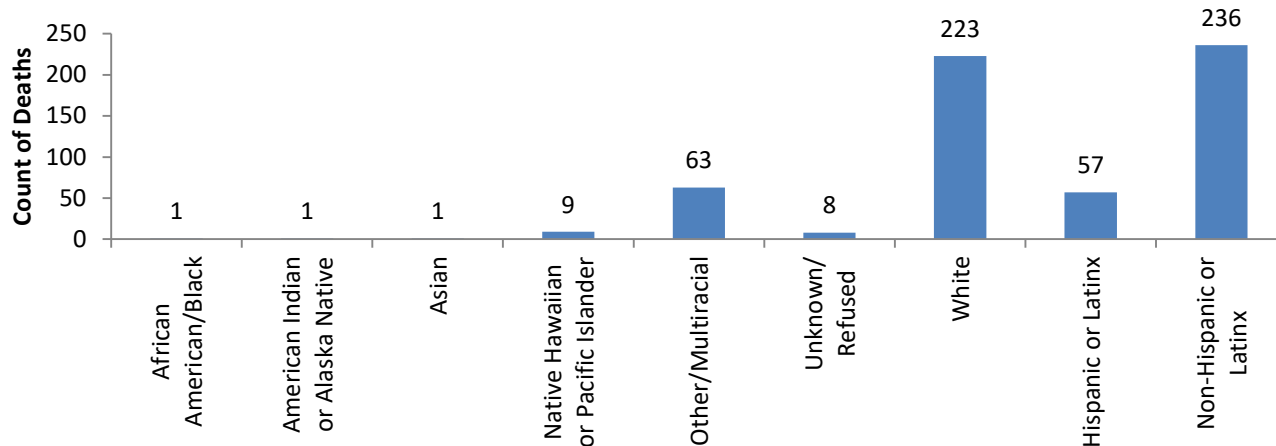
Note – As cases are asked to provide their race and ethnicity, the total number of cases in the bottom figure will sum to more than the total number of cases reported (N).

Rate of COVID-19 deaths by race & ethnicity in Marion County per 10,000 population, 1/1/20 - 5/10/21, ORPHEUS & Census Bureau



The COVID-19 mortality rate was highest amongst the Native Hawaiian and Pacific Islander community (24.7 per 10,000) in Marion County. People who identified as non-Hispanic or LatinX had higher mortality rates from COVID-19 than their Hispanic or LatinX counterparts (9.3 per 10,000 Vs. 6.1 per 10,000). At this time, 306 people in the community have died due to COVID-19. Generated 5/10/21. **Updated as needed**

Count of COVID-19 deaths (N=306) by race & ethnicity in Marion County, 1/1/20 - 5/10/21, ORPHEUS & Census Bureau

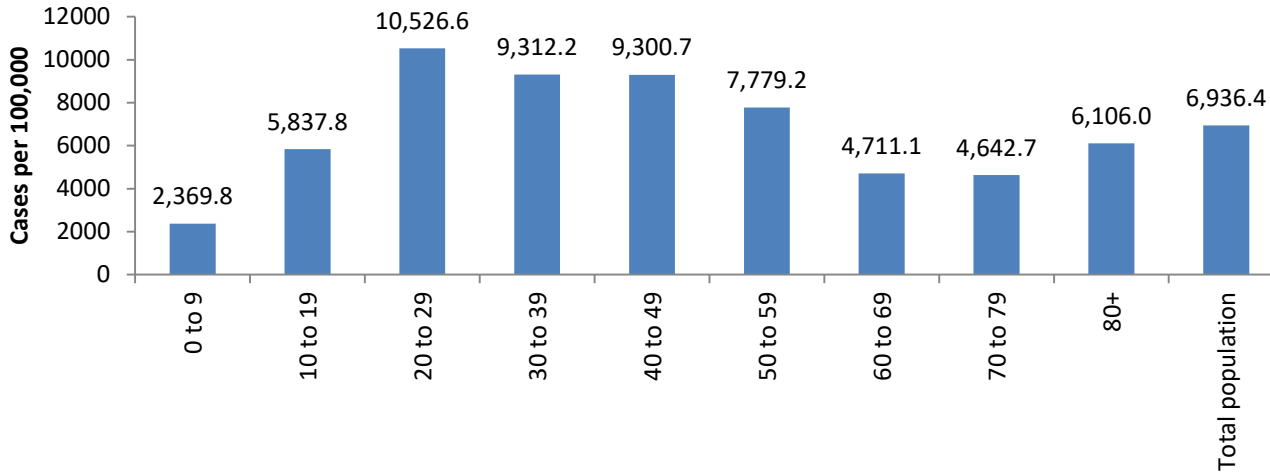


Race: refers to how a person identifies, typically in terms of physical characteristics such as skin color. (OHA – REALD) A person may identify as one single race or multiple races, in which case they are coded as “Other/Multiracial”.

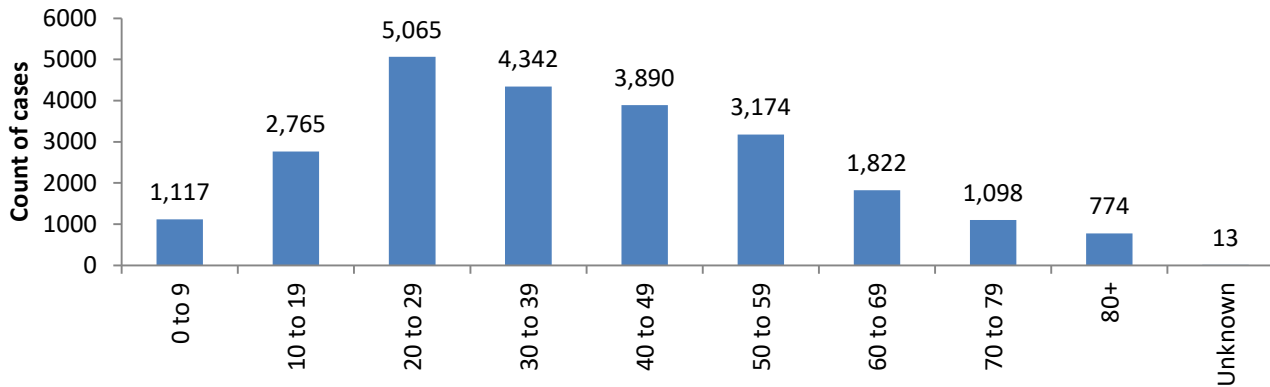
Ethnicity: refers to cultural factors such as nationality. In data collection efforts, “ethnicity” in the U.S. typically refers specifically to Hispanic ethnicity. (OHA – REALD)

Note – As cases are asked to provide their race and ethnicity, the total number of cases in the bottom figure will sum to more than the total number of cases reported (N).

Rate of COVID-19 cases by age in Marion County per 100,000 population, 1/1/20 - 7/20/21, ORPHEUS & Census Bureau

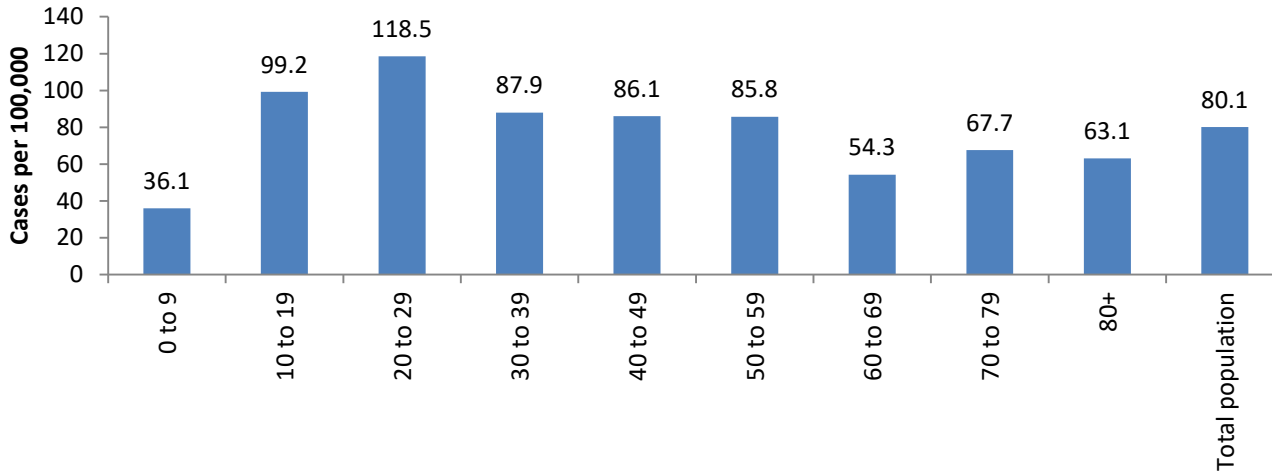


Count of COVID-19 cases by age in Marion County per 100,000 population (N=24,060), 1/1/20 - 7/20/21, ORPHEUS & Census Bureau

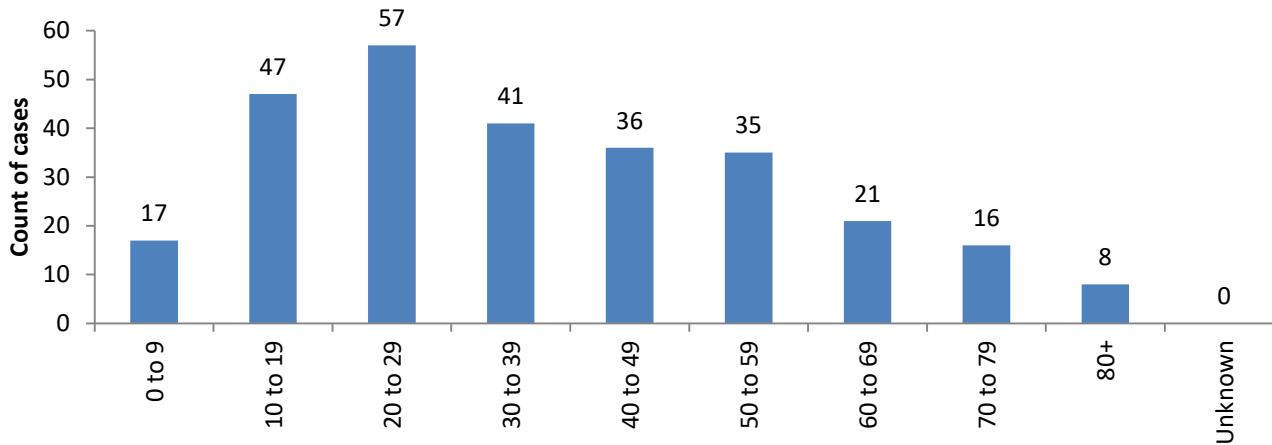


COVID-19 incidence rates have been higher in working age adults between the ages of 20-59 throughout the pandemic. Rates were highest for those between the ages of 20-29. Rates fell off after age 59 before rising again for those over the age of 80. Generated 7/20/21 **Updated bi-weekly**

Rate of COVID-19 cases by age in Marion County per 100,000 population, 7/4/21 - 7/17/21, ORPHEUS & Census Bureau

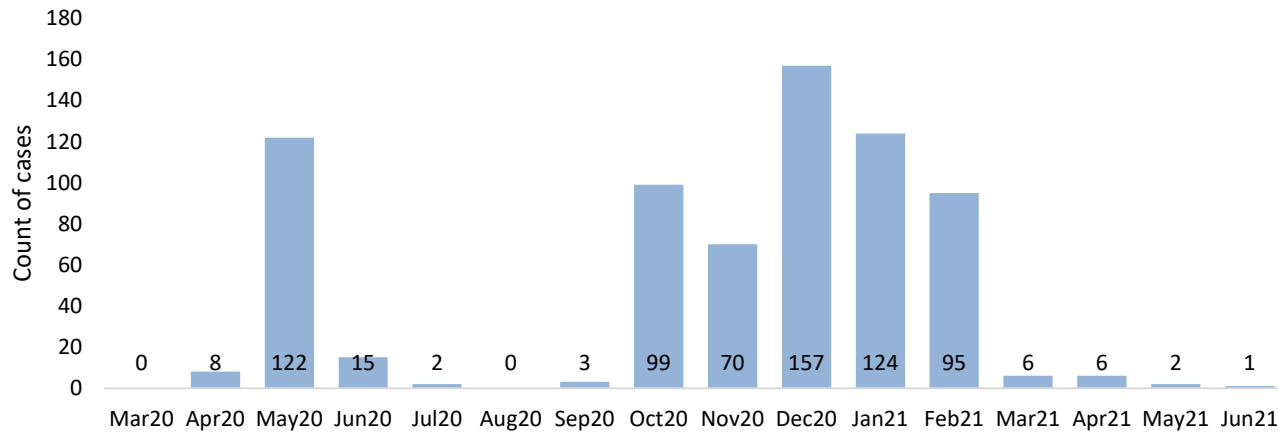


Count of COVID-19 cases by age in Marion County per 100,000 population (N=278), 7/4/21 - 7/17/21, ORPHEUS & Census Bureau

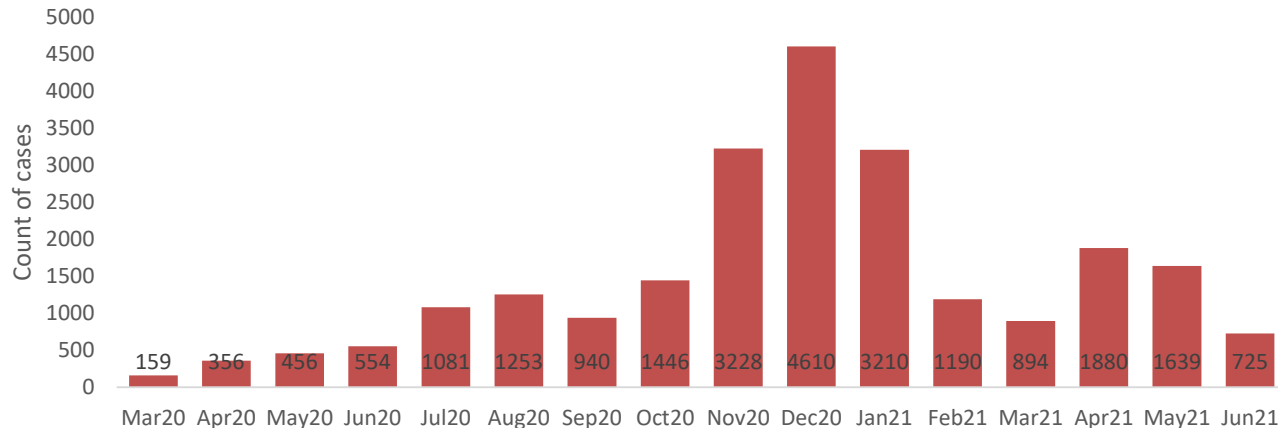


In the past two weeks, COVID-19 incidence rates have been higher in working age adults between the ages of 20-59. Rates were highest for those between the ages of 20-29. Generated 7/20/21 **Updated bi-weekly**

Count of COVID-19 cases for adults in custody (AIC) in Marion County, OPERA, 3/1/20 to 6/30/21

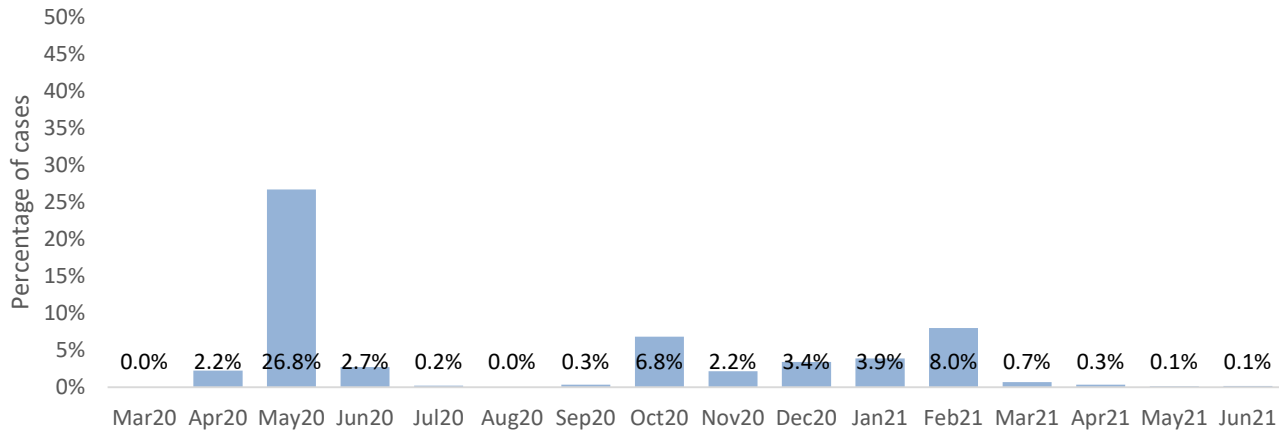


Count of COVID-19 cases in Marion County, OPERA, 3/1/20 to 6/30/21

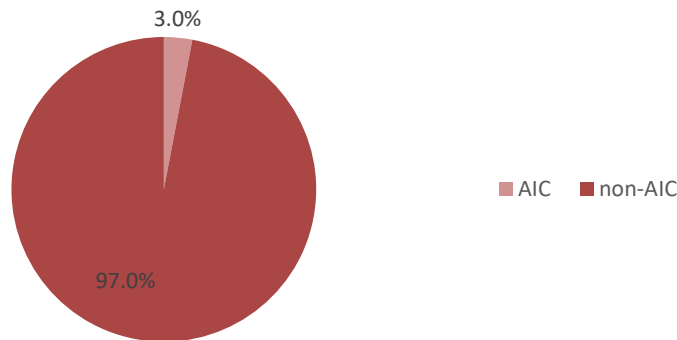


As of 6/30/21, 710 adults in custody (AIC) in Marion have had COVID-19. In May 2020, a large outbreak occurred at the Oregon State Pen, which followed a period of relative calm before becoming elevated again in the Fall/Winter of 2020. AIC cases fell off sharply beginning in March 2021. There were 23,621 total cases in Marion County as of 6/30/21, with an increasing trend of cases that peaked in Dec 2020 before falling off sharply in February 2021 and then rising again in April 2021 before falling off again into the summer months. Generated 7/20/21. ****Update monthly****

Percentage of COVID-19 cases for adults in custody (AIC) vs. non-AIC in Marion County, OPERA, 3/1/20 to 6/30/21



Percentage of COVID-19 cases for adults in custody (AIC) vs. non-AIC in Marion County, OPERA, 3/1/20 to 6/30/21



Since the beginning of the pandemic, the percentage of cases that were adults in custody (AIC) was a relatively low proportion of the total cases reported, with the exception of May 2020, where 26.8% of all cases were AIC. Of all cases reported, AIC represent 3.0% of the total cases in Marion County. Generated 7/20/21. **Update monthly**