



Marion County
OREGON
Health & Human Services

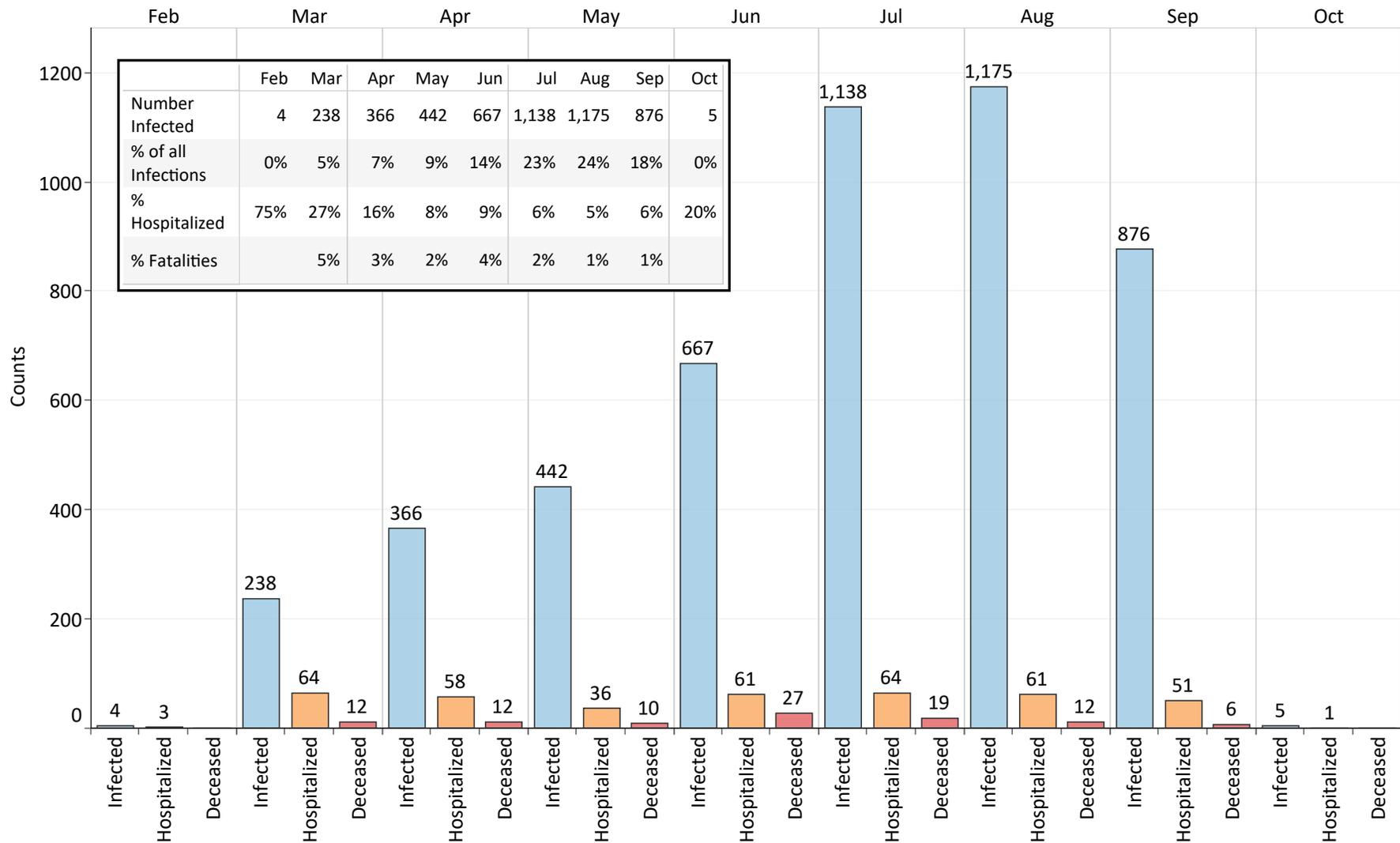
COVID-19 Data & Trends

October 1, 2020

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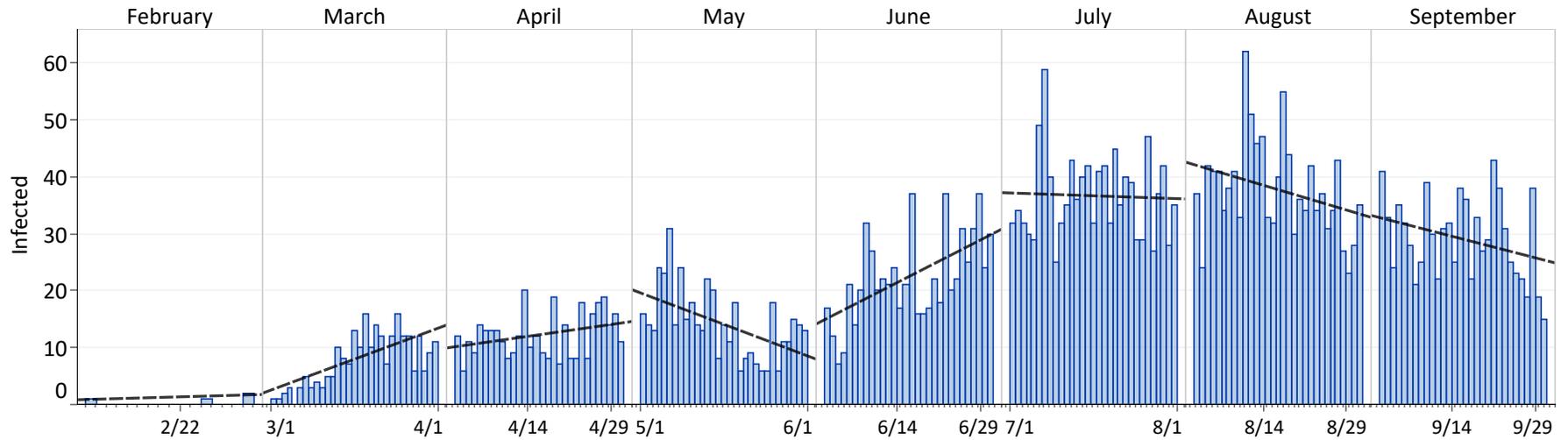
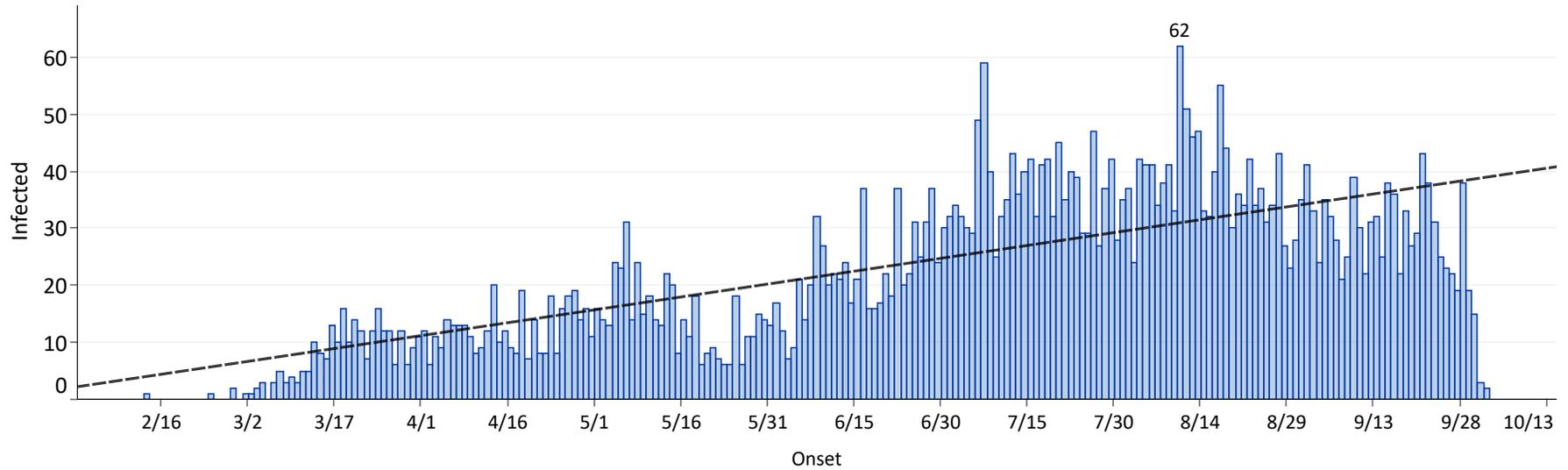
Infections, Hospitalizations & Deaths by Onset Date - Monthly Summary (through 10/3/2020)



This chart displays the monthly variation in infected case numbers, hospitalizations and deaths. The table provides the distribution of cases over the length of the pandemic, and the case hospitalization rate and fatality rate.

Updated: October 3, 2020

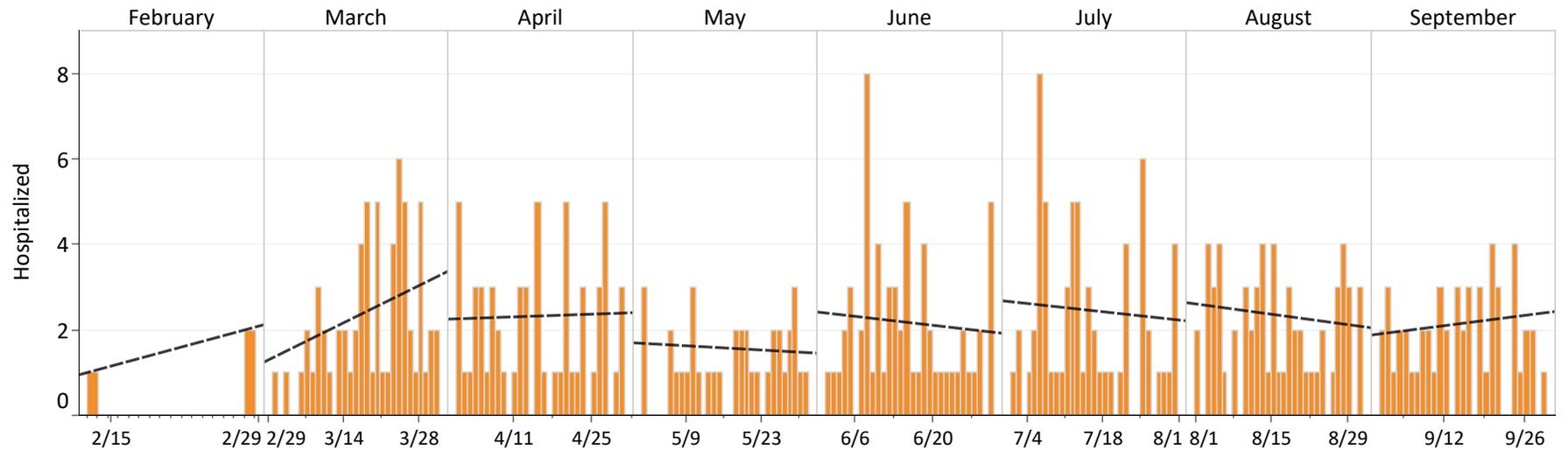
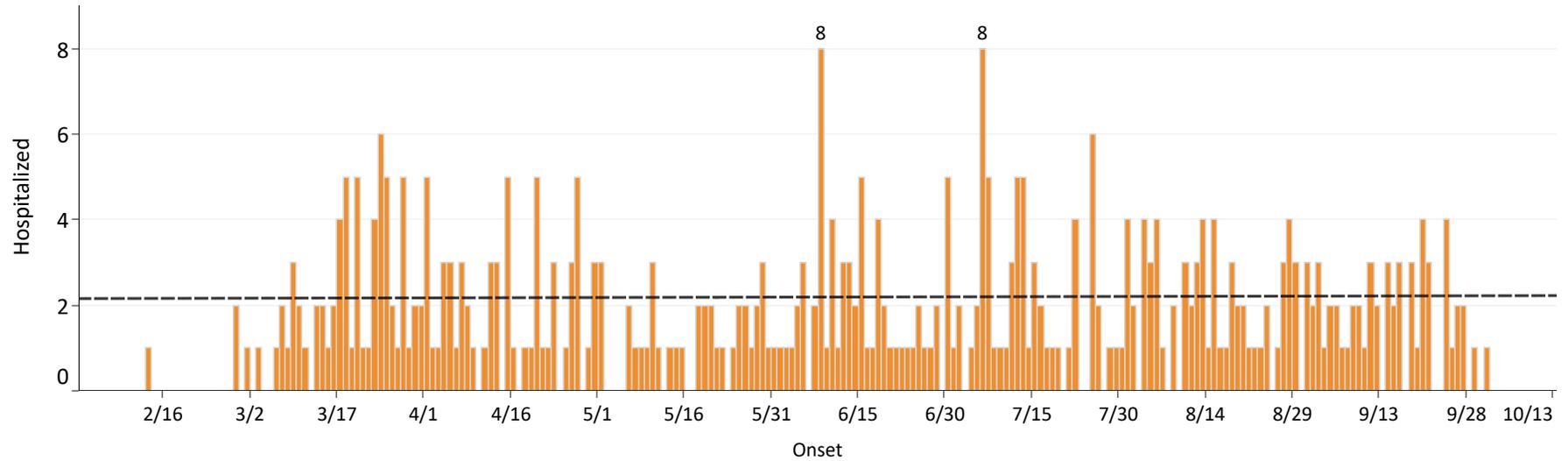
Cases: Numbers and Trends



Two views of number of infections over time (Onset Date): the top chart show the number of infections per day over time, along with a single trend line over the local pandemic period. The bottom chart shows how the trend changes by month, going through cycles of increase, plateau, and decrease.

Updated: October 3, 2020

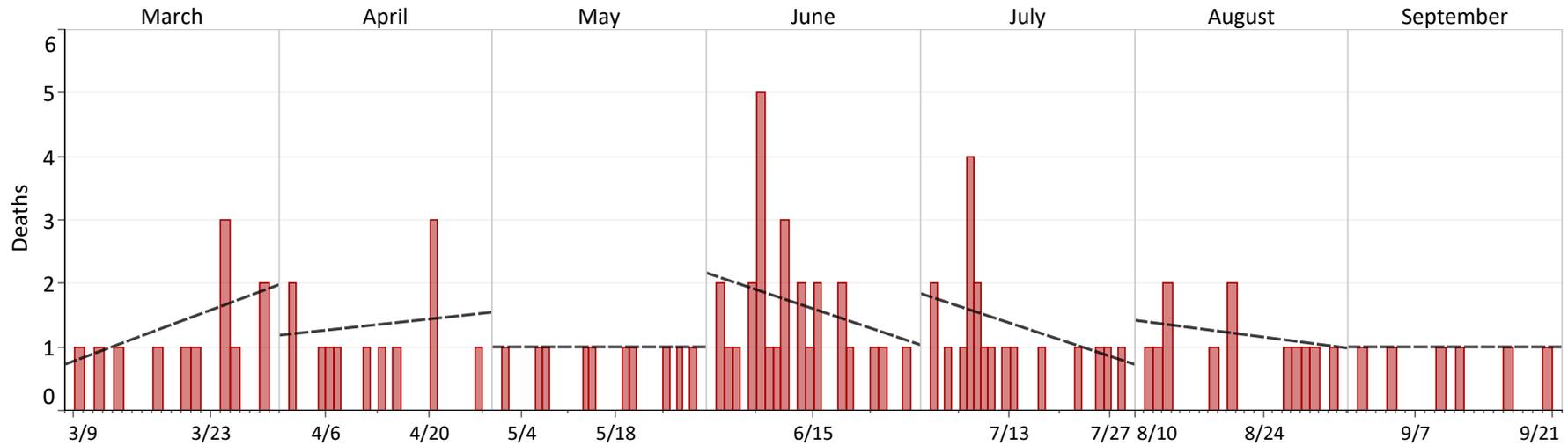
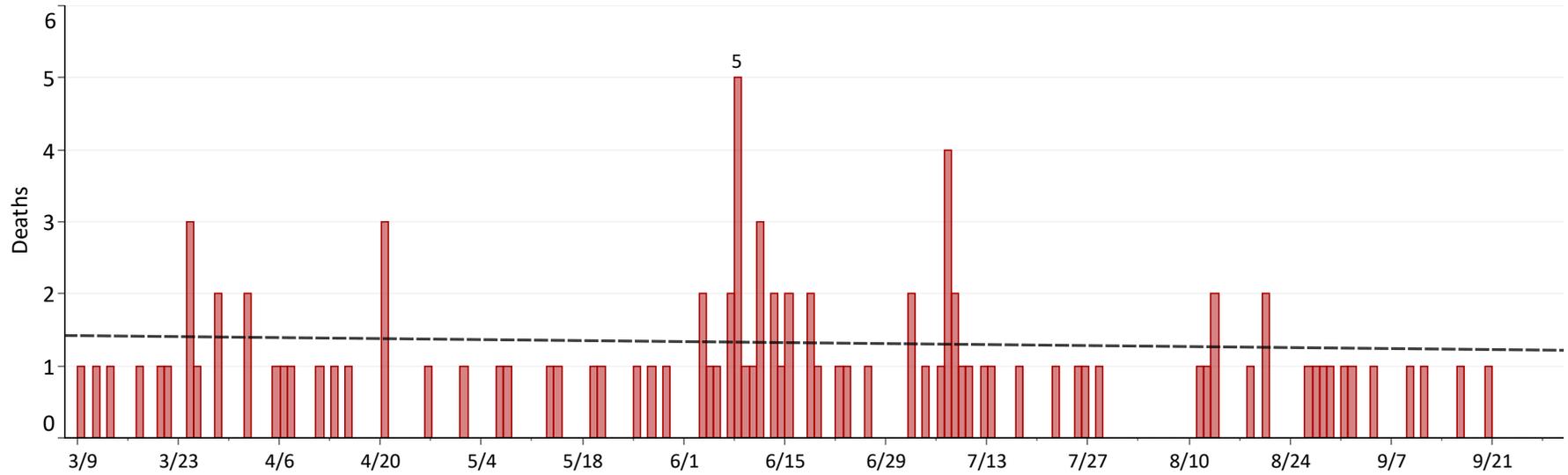
Hospitalizations: Numbers and Trends



Two views of hospitalizations over time (Onset Date): the top chart show the number admitted to hospital over time, along with a single trend line over the local pandemic period. The bottom chart shows how the trend changes by month, going through cycles of increase, plateau, and decrease.

Updated: October 3, 2020

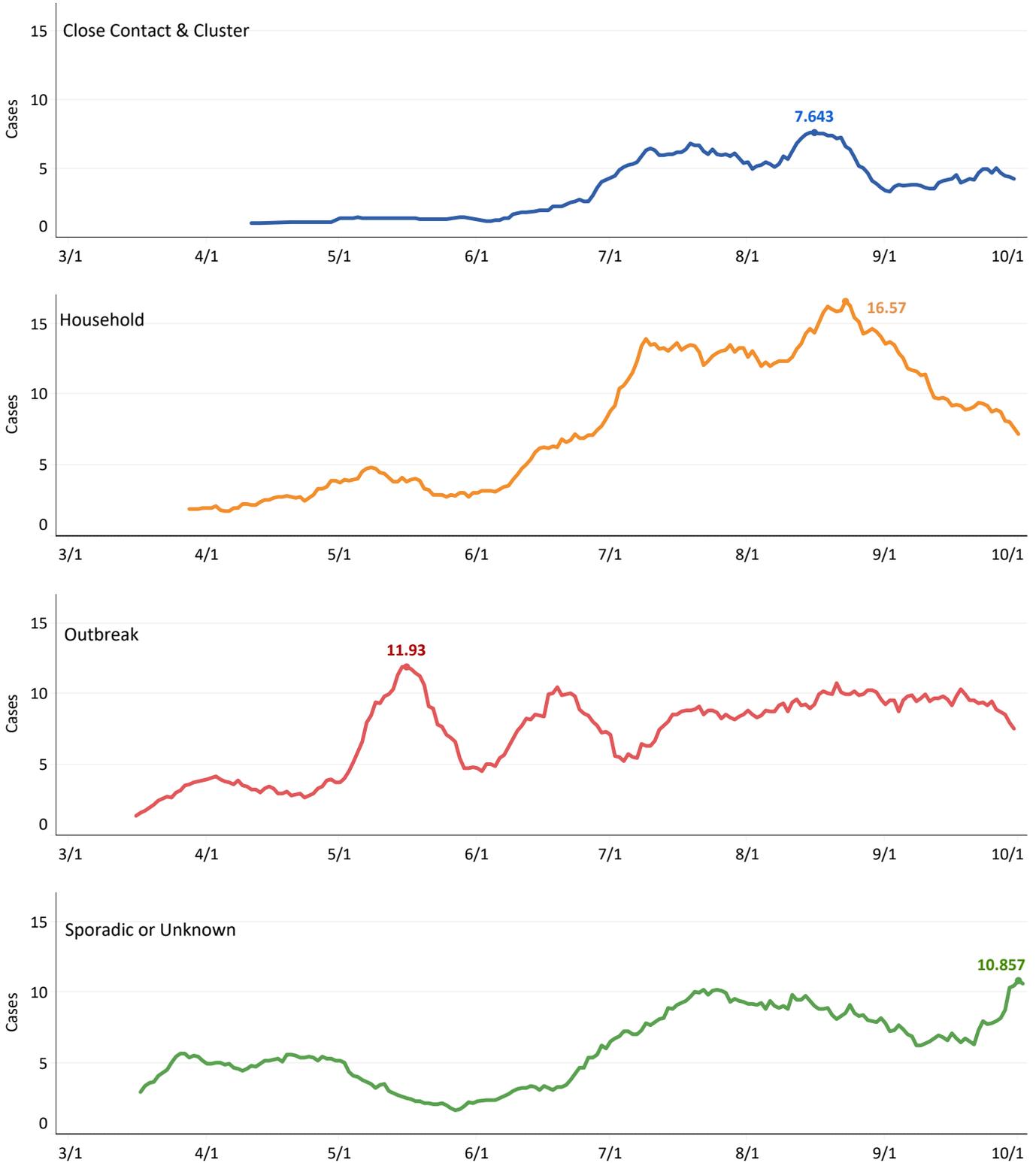
Deaths: Numbers and Trends



Two views of fatalities over time (Onset Date): the top chart show the deaths over time, along with a single trend line over the local pandemic period. The bottom chart shows how the trend changes by month, going through cycles of increase, plateau, and decrease.

Updated: October 3, 2020

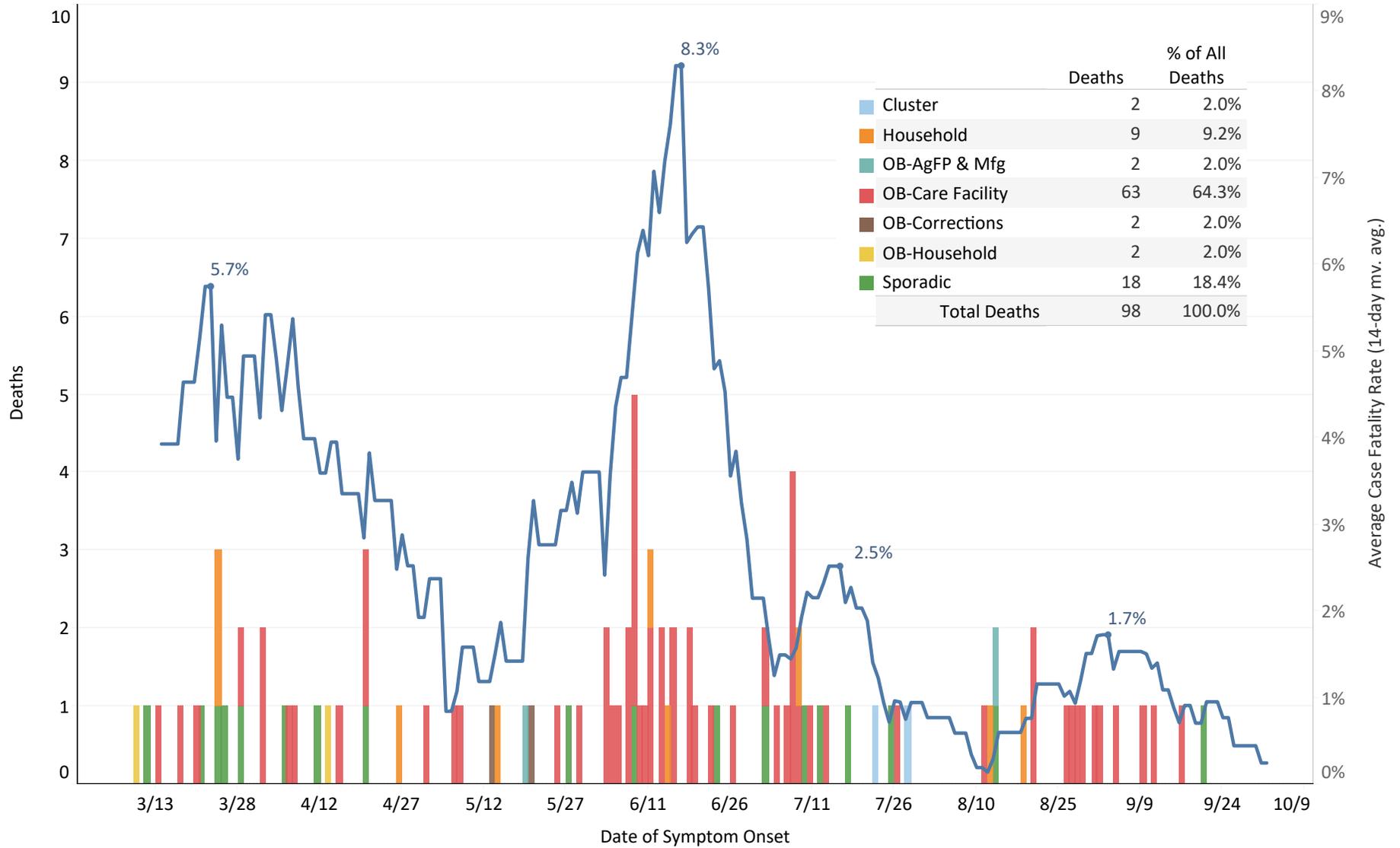
Infection Trends by Source (14-day moving average)



These four views show how the source of infection and its magnitude changes over time. The dates reflect the date of symptom onset.

Updated: October 3, 2020

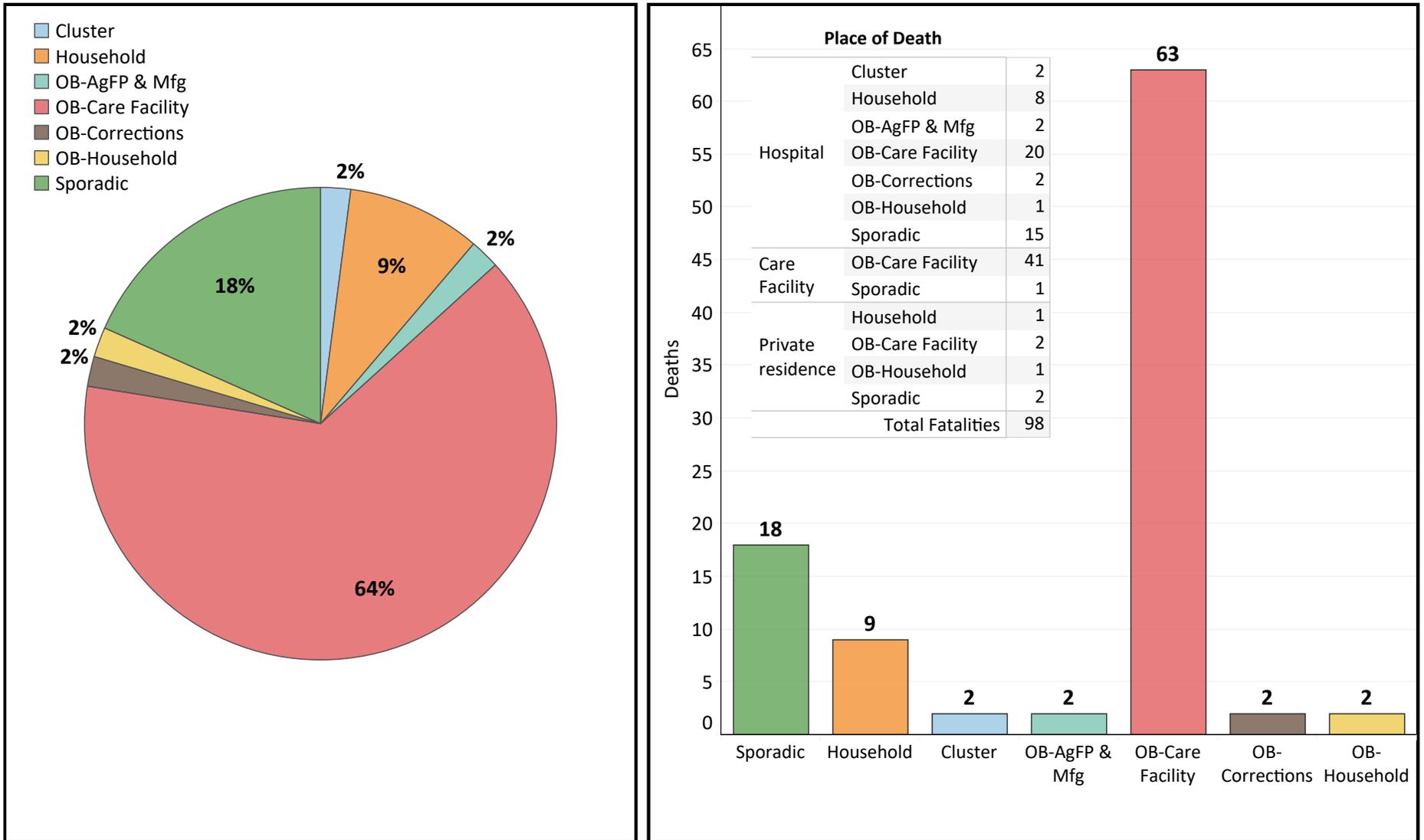
Deaths by Infection Source and Case Fatality Rate



This chart shows the relationship between cases and deaths via the case fatality rate and the infection source of deaths over time. The table displays the number of deaths from each infection source and its share of fatalities.

Updated: October 3, 2020

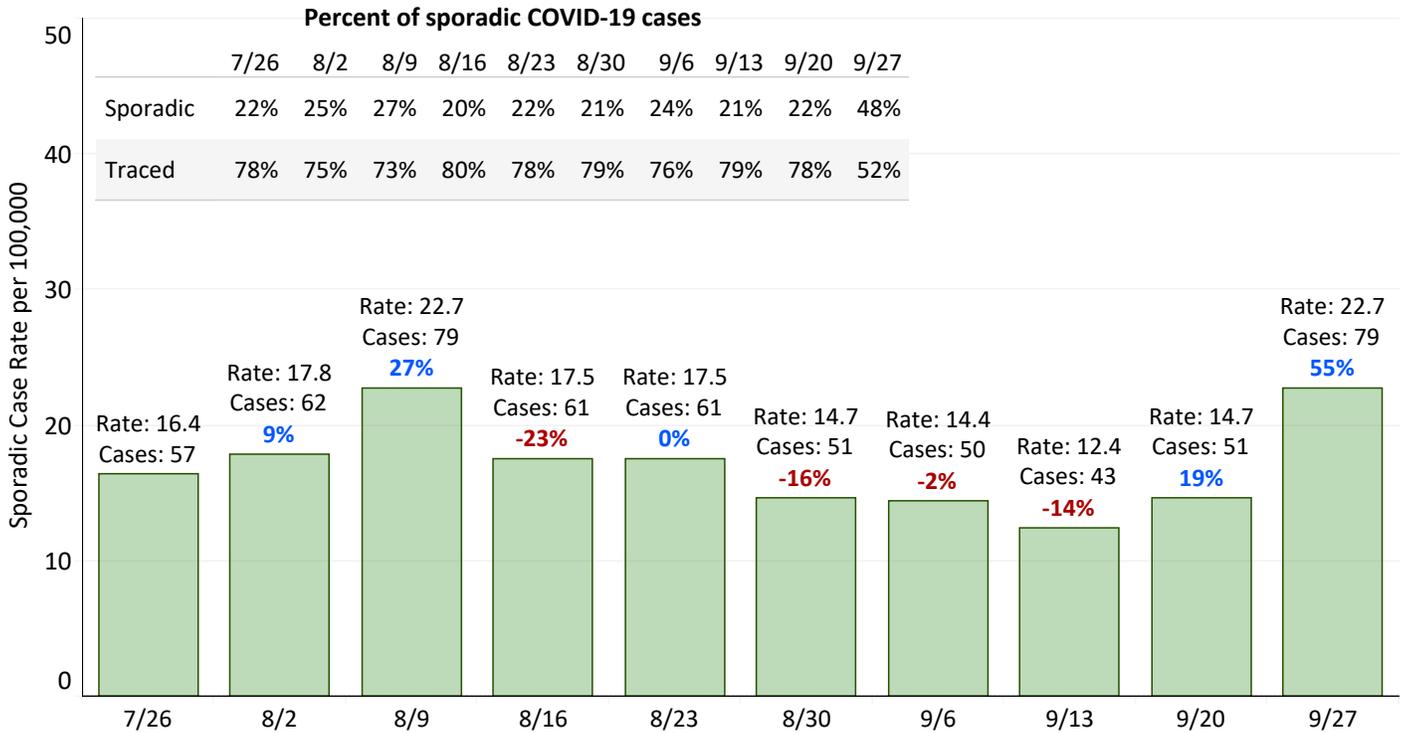
Distribution and Number of Deaths by Infection Source-Cumulative



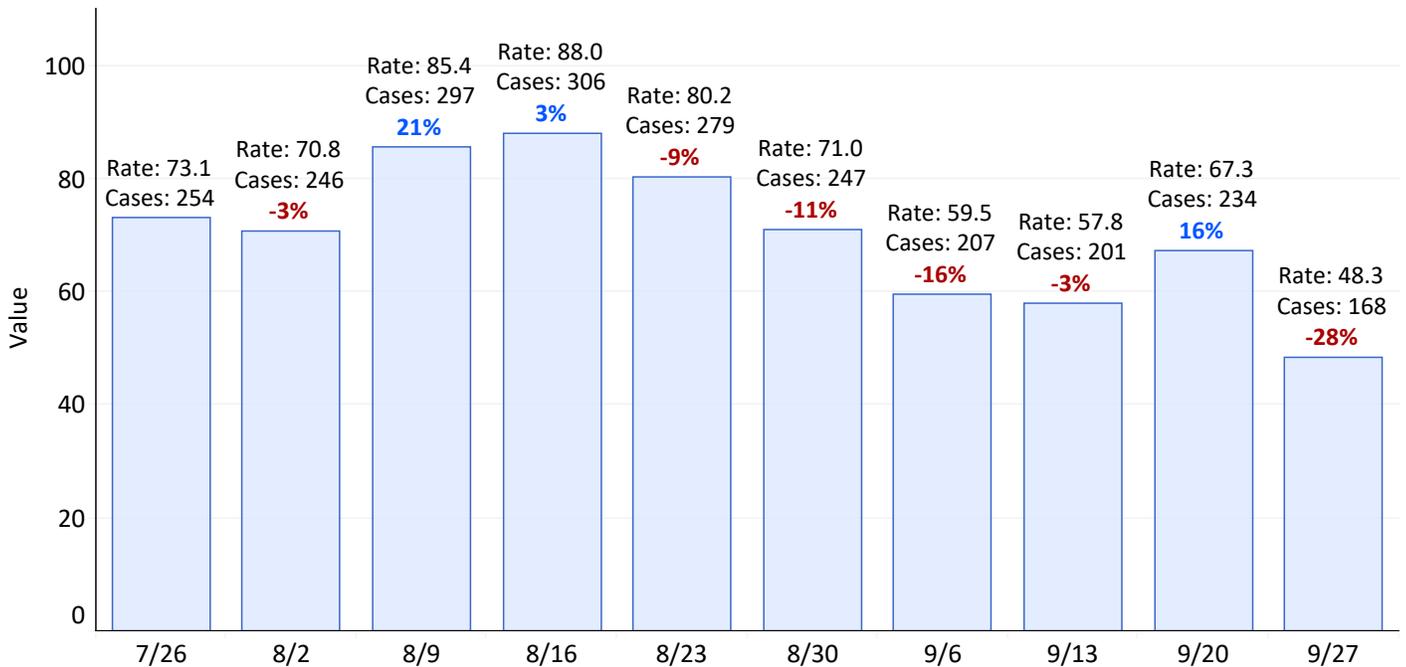
These two charts display the cumulative counts and percentages of deaths by source of infection. Also listed are the number of deaths, by place of death, for each source.

Update Date: October 3, 2020

Weekly Sporadic Case Rate and Counts (True Case Date: Sunday - Saturday)

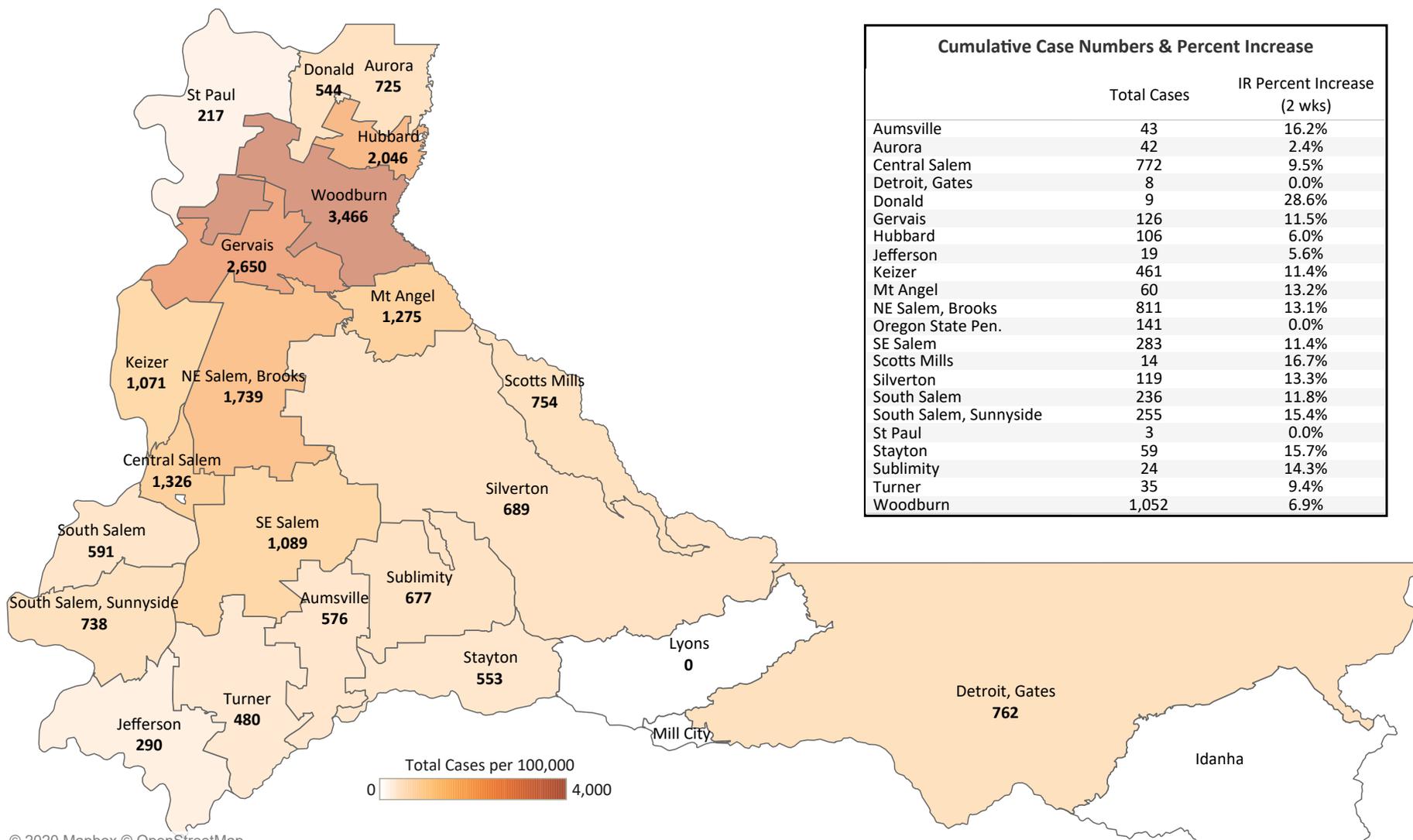


Weekly Case Rate and Counts (True Case Date: Sunday - Saturday)



The upper chart tracks the weekly count of, and percent change, in sporadic (untraced) cases. The lower charts provides the same information for all cases, traced and untraced.

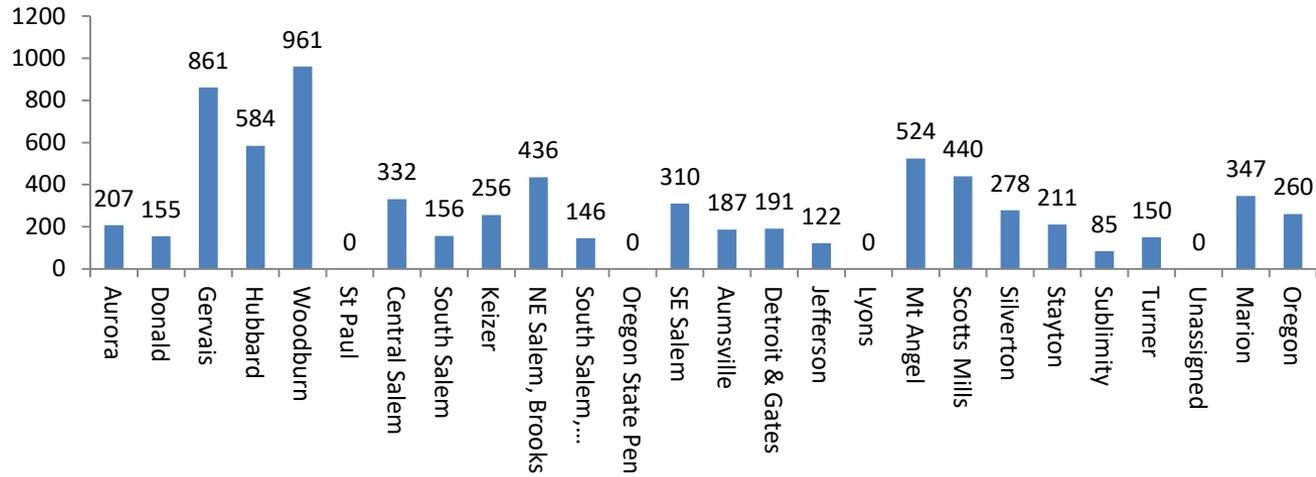
Cumulative Incidence Rate (up through 9/28)



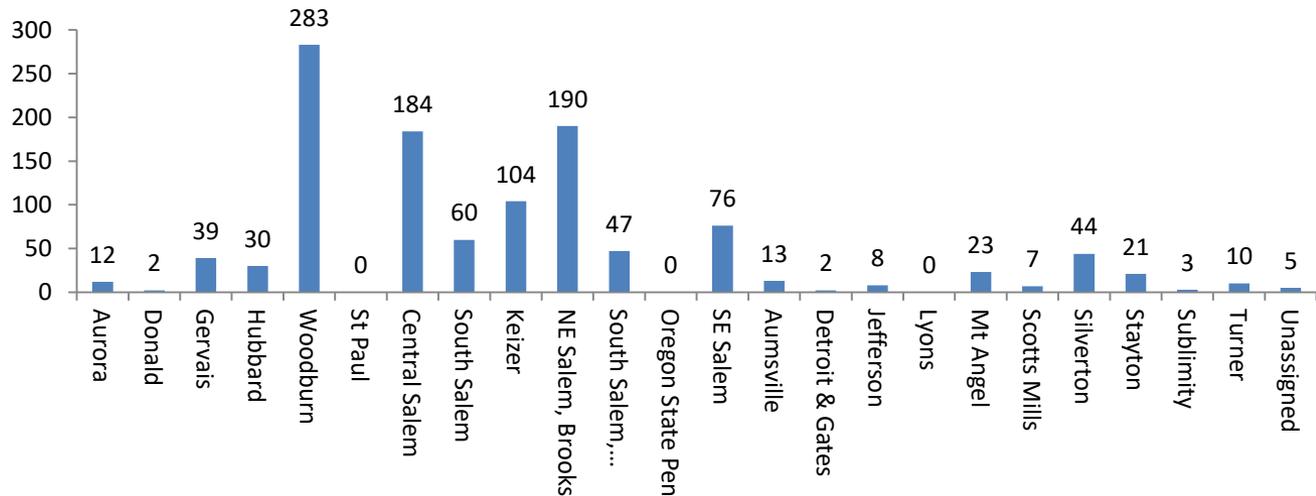
This map displays the cumulative number of cases per 100,000 by geographic area, highlighting areas of high infection rates. The table list case counts and percent increase over the past 14-days for each area.

Updated: October 3, 2020

Rate of COVID-19 sporadic cases by zip code in Marion County per 100,000 population, 1/1/20 - 9/26/20, ORPHEUS & Census Bureau

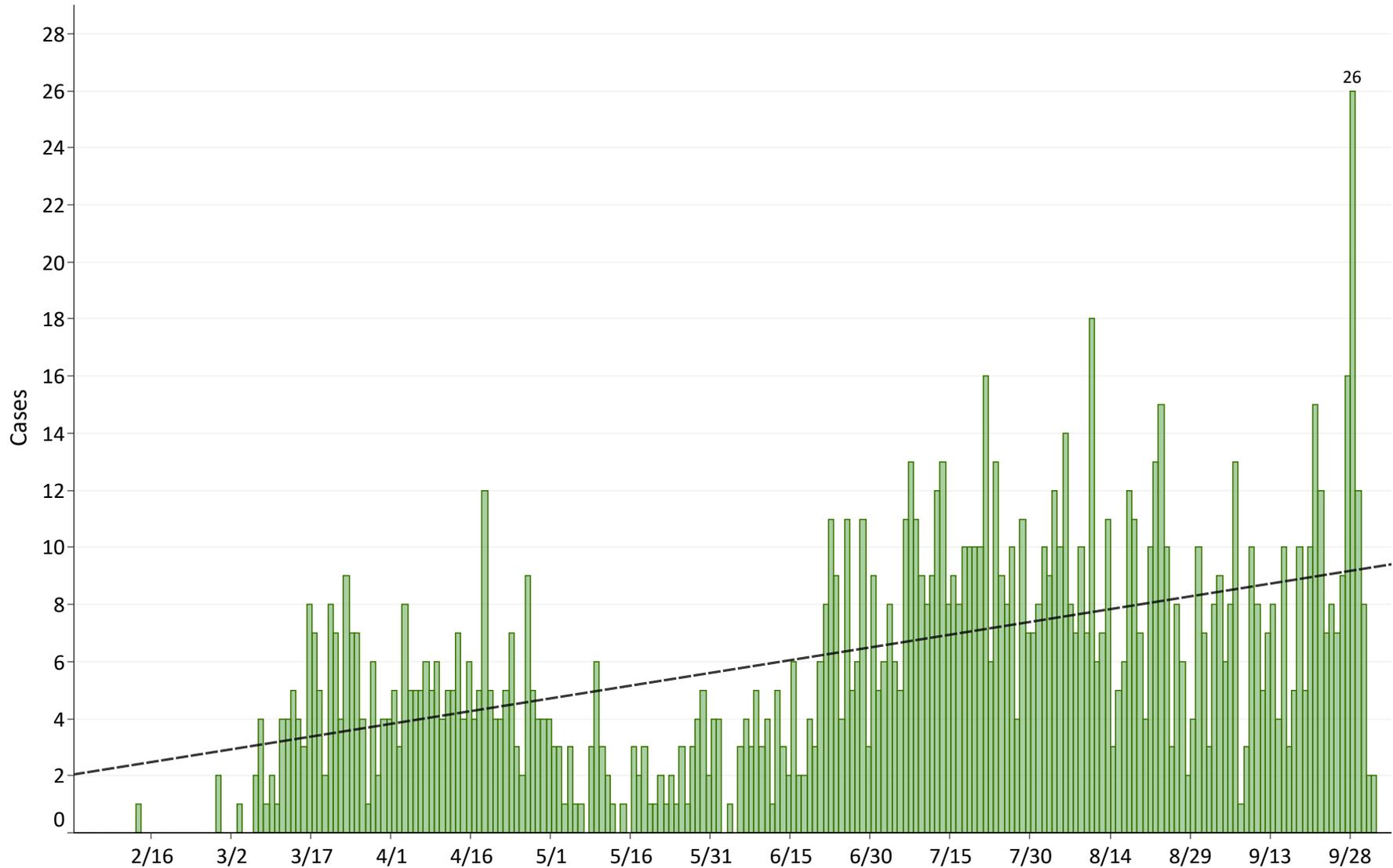


Count of COVID-19 sporadic cases by zip code in Marion County per 100,000 population, 1/1/20 - 9/26/20, ORPHEUS & Census Bureau



This slide shows the rate of sporadic (community acquired) COVID-19 transmission per 100,000 amongst cases in Marion County. When taking population size into account, sporadic COVID-19 transmission was highest in “North County” zip codes (Woodburn, Gervais, Hubbard, and Mt Angel). The bulk of sporadic cases by count are coming from Woodburn, Central Salem, and NE Salem Brooks. Generated 10/1/20.

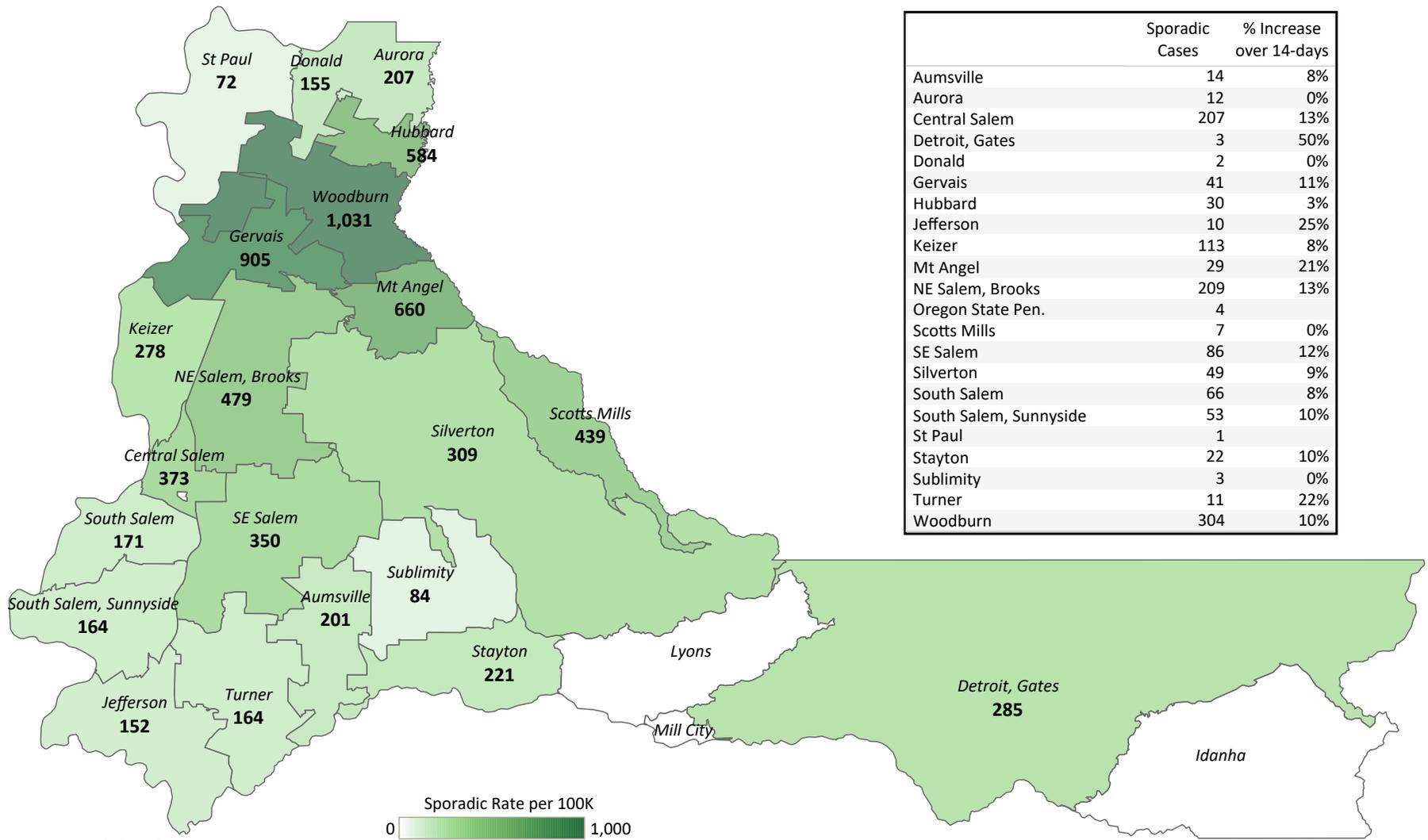
Daily Case Numbers Due to Sporadic Transmission



Sporadic cases are infections that have *not* been traced to a source. This chart tracks the level of "community infection" over the symptom onset date and shows the general trend for the local pandemic period.

Updated: October 3, 2020

Rate of Sporadic Transmission by Area (cases per 100,000)

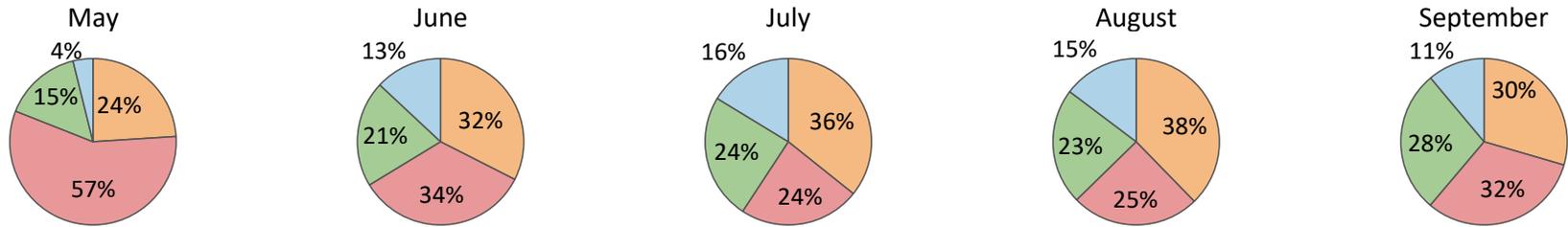


This maps displays the cumulative incidence rate (per 100,000) by area for cases with sporadic transmission, The table shows sporadic cases numbers and the associated percent increase over the past 14 days.

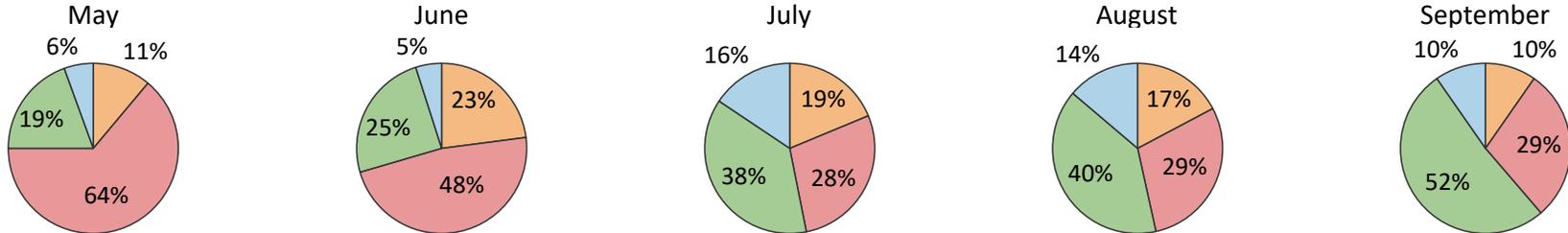
Updated: October 3, 2020

Distribution of Cases, Hospitalizations and Deaths by Infection Source (last 6 months)

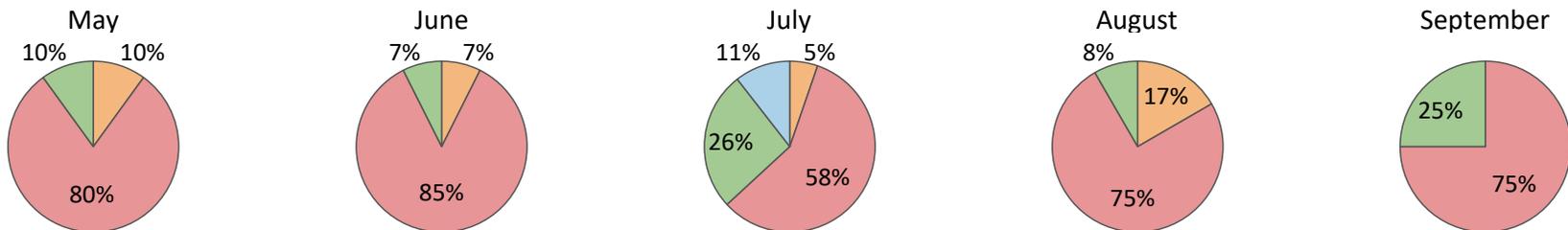
Cases



Hospitalizations



Deaths



Household

Outbreak

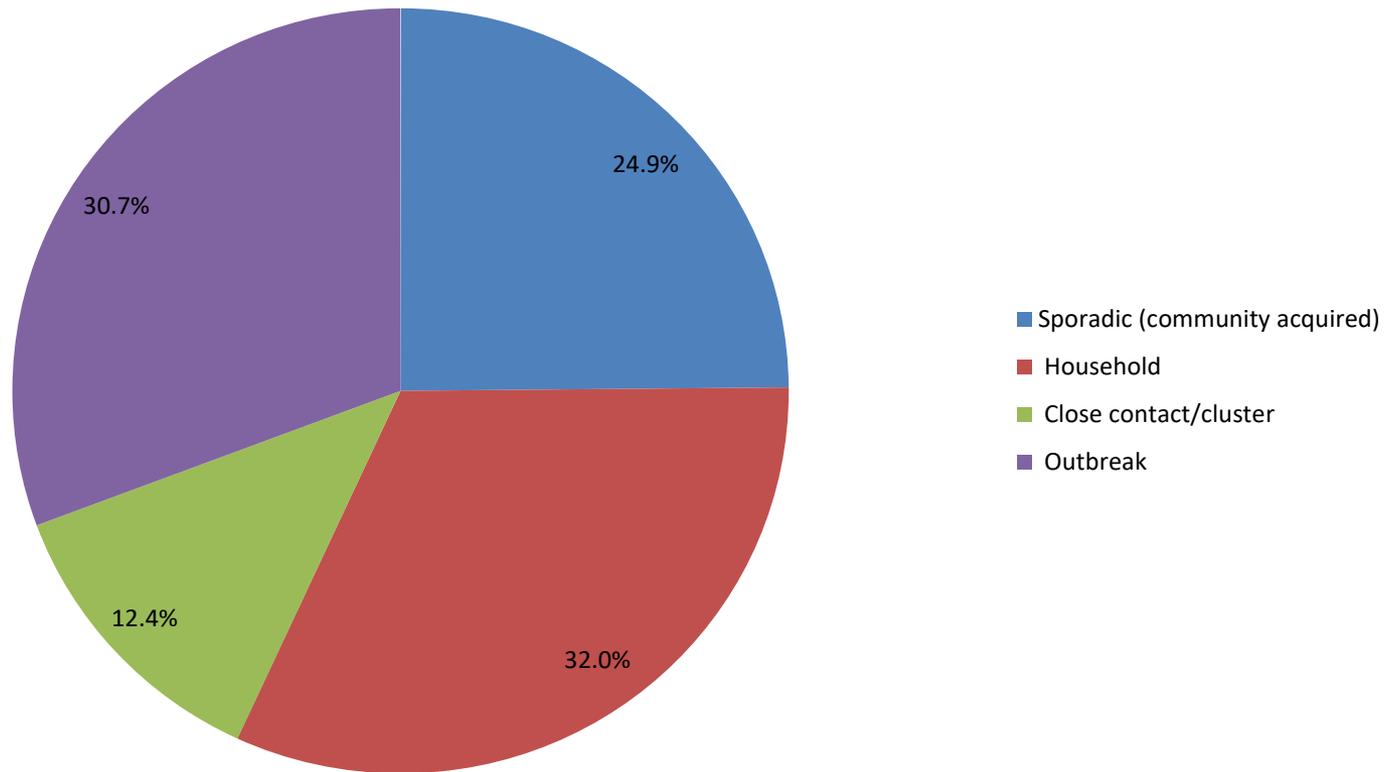
Sporadic

Close Contact & Cluster

Charts display the monthly distribution by infection source for each of Cases, Hospitalized and Deaths, over the past six months. The data reflects date of symptom onset.

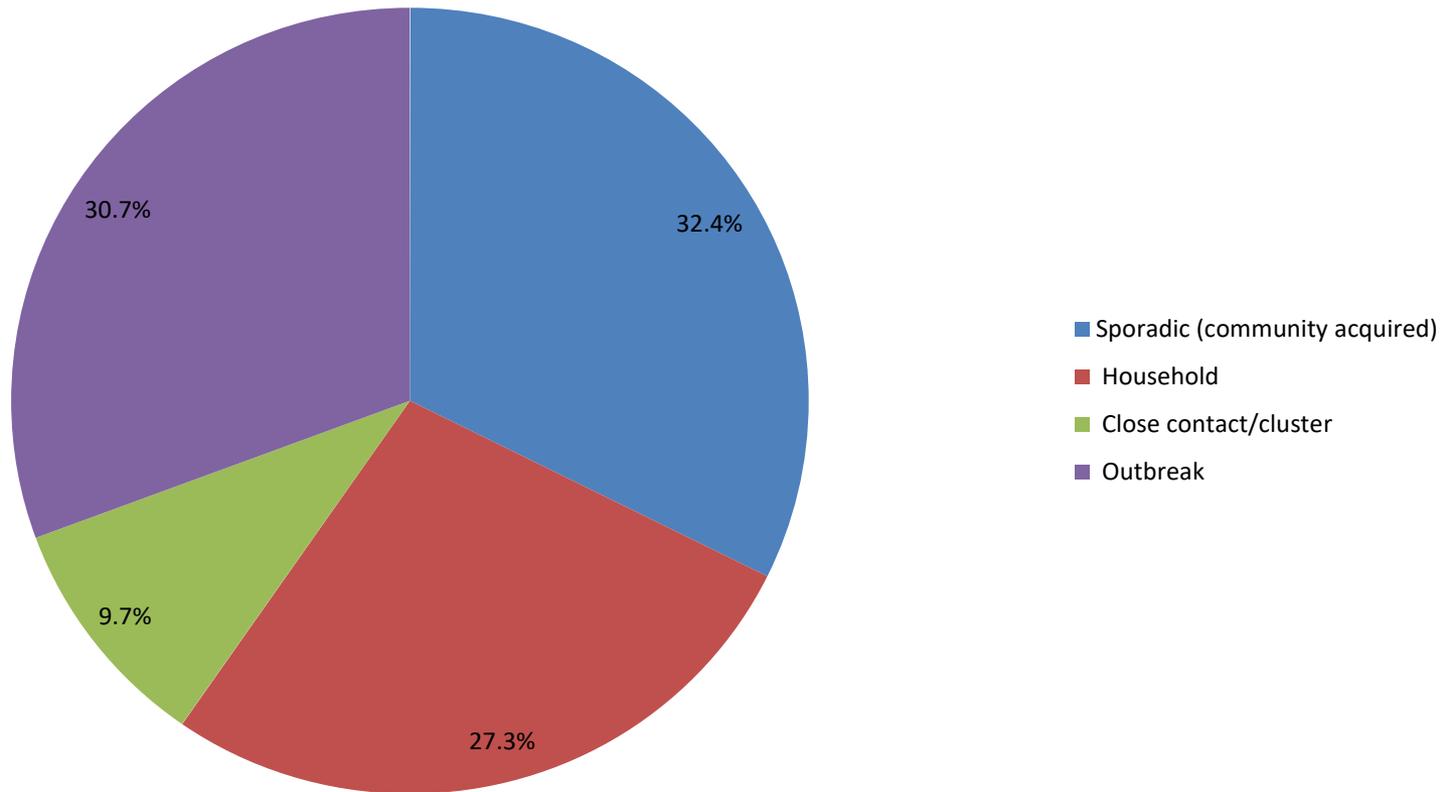
Updated: October 3, 2020

Percentage of COVID-19 cases in Marion County by source of infection, 1/1/20 - 9/26/20, ORPHEUS



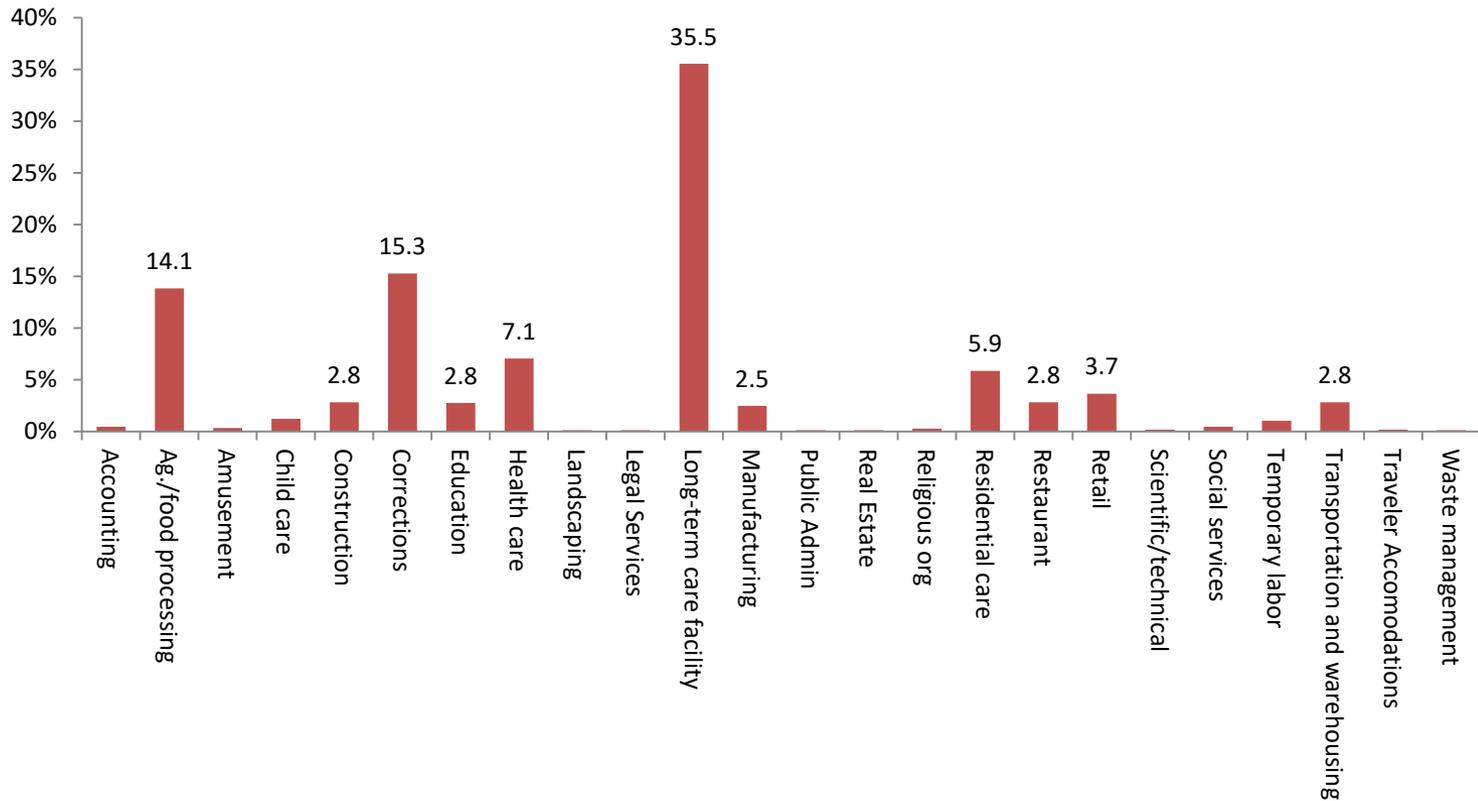
This slide shows the breakdown of infection source for COVID-19 cases in Marion County. The most common type of infection source in Marion County is household transmission (32%), followed by outbreaks (31%). **It is important to note that this figure should not be directly compared to the state graph 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 10/1/20.

**Percentage of COVID-19 cases in Oregon by source of infection, 1/1/20 - 9/26/20,
ORPHEUS**



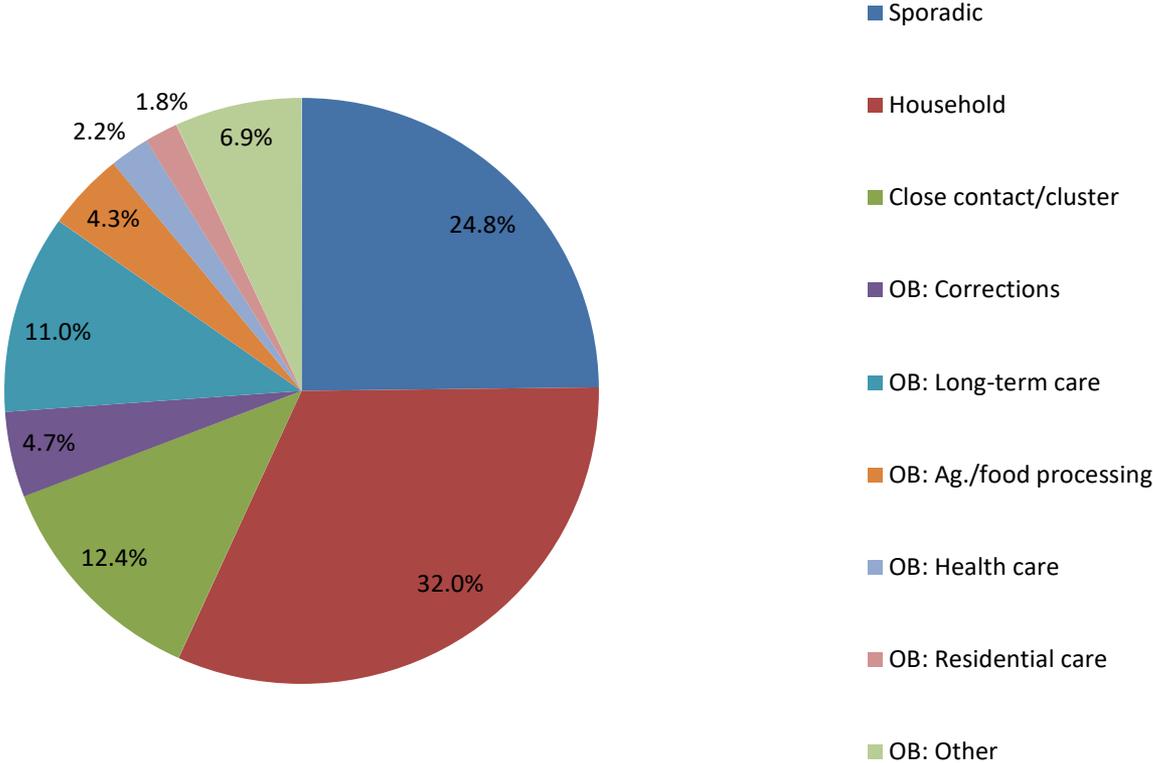
This slide shows the percentage of covid-19 cases by the likely source of infection in Oregon. In Oregon, the most common source of infection for covid-19 cases are sporadic (32%), or that they cannot be ascertained, these are said to be “community acquired”. The second most common source is outbreaks (31%), followed by household transmission (27%). **It is important to note that this figure should not be directly compared to the Marion County graph as they don’t take into account differences in population size.**
Generated 10/1/20.

Percentage of COVID-19 cases associated with an outbreak by type of facility in Marion County, 1/1/20 - 10/1/20, ORPHEUS



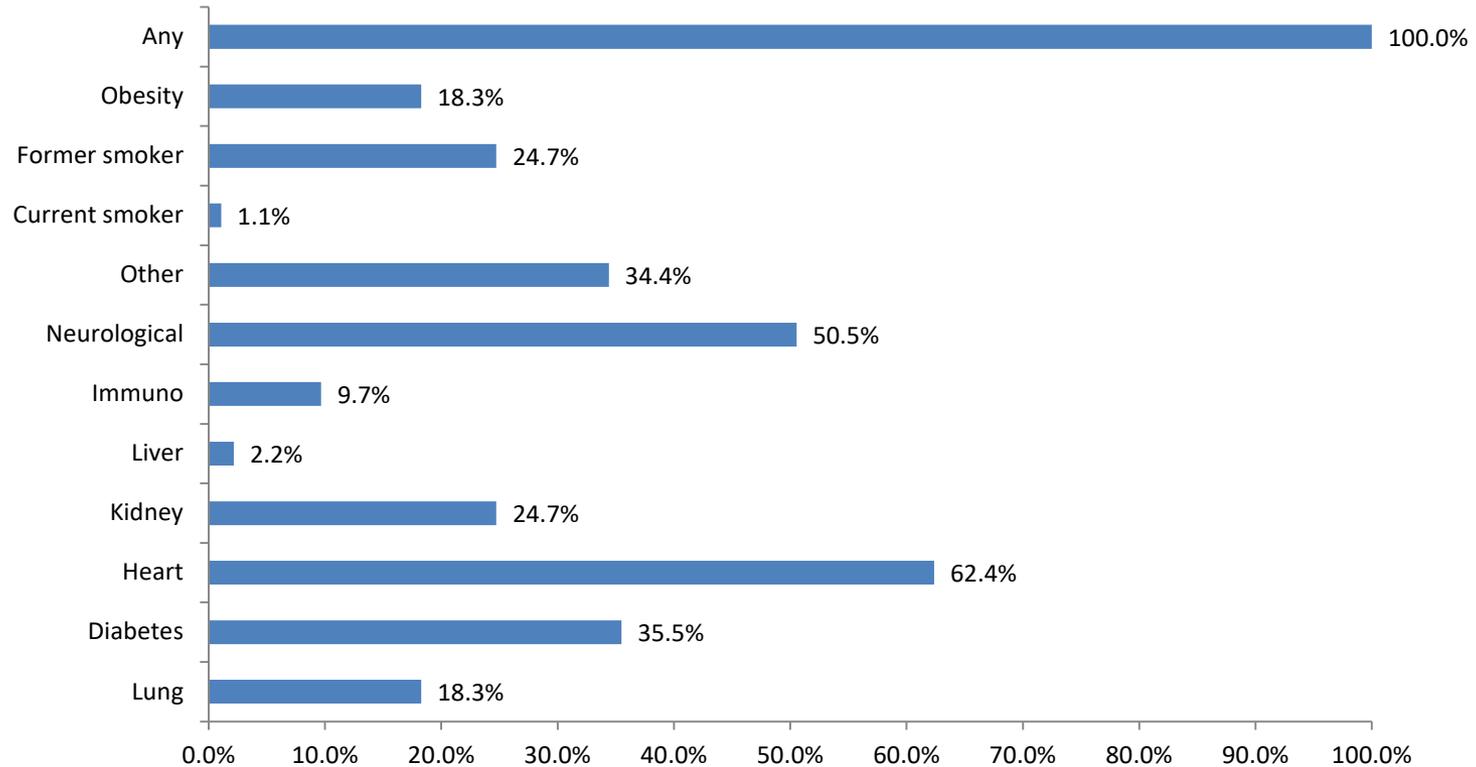
This slide shows the percentage of COVID-19 cases by type of outbreak facility in Marion County. The most common source of outbreaks were at long-term-care-facilities (LTCF) (36%), followed by corrections (15%), and agricultural/food processing (14%). Generated 10/1/20.

**Percentage of COVID-19 cases by source of infection in Marion County,
1/1/20 -10/1/20, ORPHEUS**



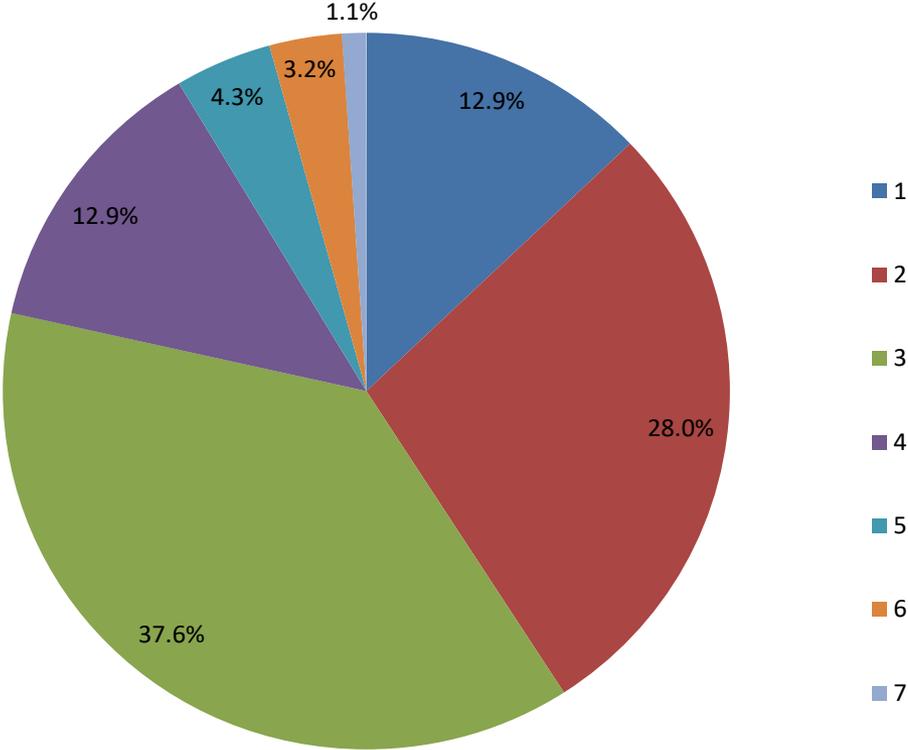
This slide shows the overall summary of source of covid-19 infection in Marion County with a further breakdown of outbreaks. OB = outbreaks. Generated 10/1/20.

Percentage of COVID-19 deaths in Marion County with underlying medical conditions (N=93), ORPHEUS, 9/27/20



This slide shows the percentage of COVID-19 deaths in Marion County with underlying medical conditions. All of the 93 people who've died in Marion County had some sort of underlying medical condition (100%). The most common underlying condition for those who've died was heart (62%), neurological (51%), diabetes (36%), and other conditions (34%). Other conditions can be any chronic condition that doesn't fall into the groups listed above (e.g. anemia, hypertension (high blood pressure), arthritis, cancer, etc.). Generated 10/1/20.

Percentage of COVID-19 deaths in Marion County by the number of underlying medical conditions present at time of death (N=93), ORPHEUS, 9/27/20



This slide shows the percentage of covid-19 deaths broken out by the number of underlying conditions present at time of death. The average number of conditions was 2.8, with a minimum of 1, and maximum of 7. Generated 10/1/20.