



BRIEFING TO COUNTY COUNCIL

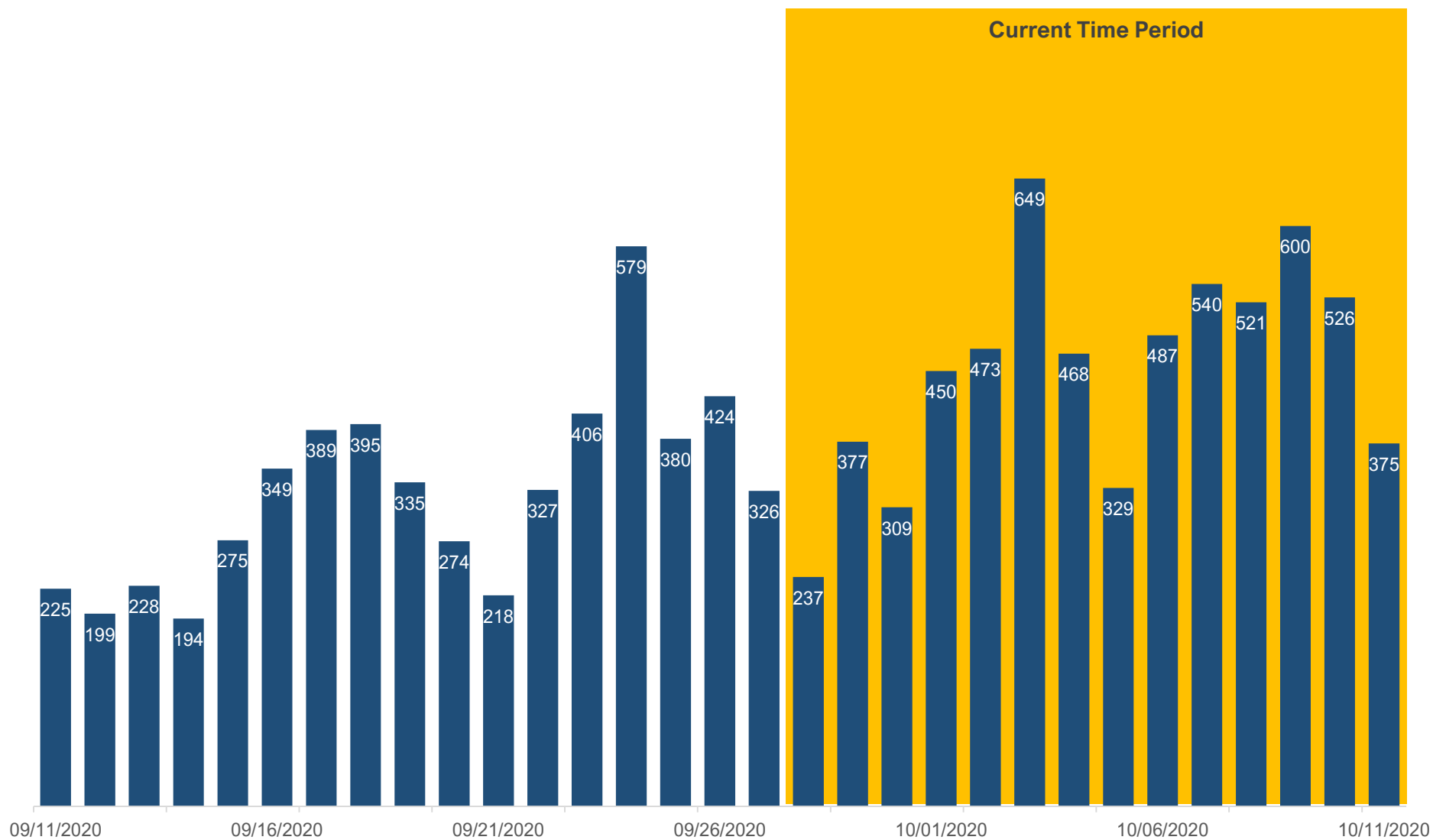
October 13, 2020

David Schuld

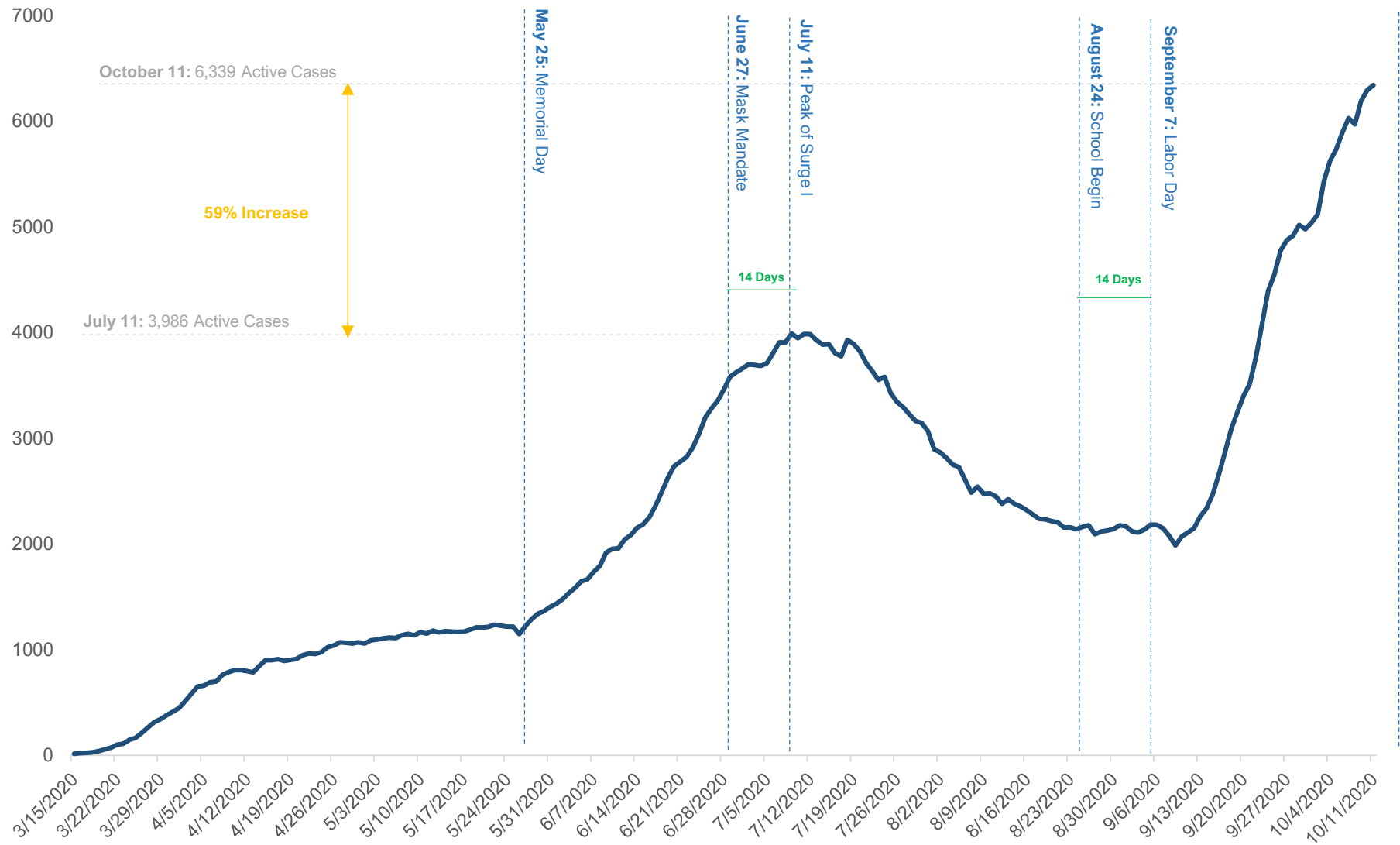
Mayor's Policy Advisor and Coordinating Officer

Salt Lake County COVID-19 Response and Recovery

Daily Case Counts: Salt Lake County



Active Case Curve: Salt Lake County



Case Snapshot: Salt Lake County

| | Oct. 11 | Oct. 4 | Sept. 27 |
|-----------------------------------|-------------|---------------|-------------|
| Total Cases | ↑ 37,476 | ↑ 34,807 | 31,346 |
| Est. Current Cases | ↑ 6,339 | ↑ 5,402 | 4,618 |
| Est. Recovered Cases | ↑ 30,857 | ↑ 28,426 | 26,475 |
| Known Related Fatalities | ↑ 280 | ↑ 259 | 253 |
| Hospitalized (Current / Total) | ↓ 124/1,875 | ↑ 136 / 1,763 | 139 / 1,706 |

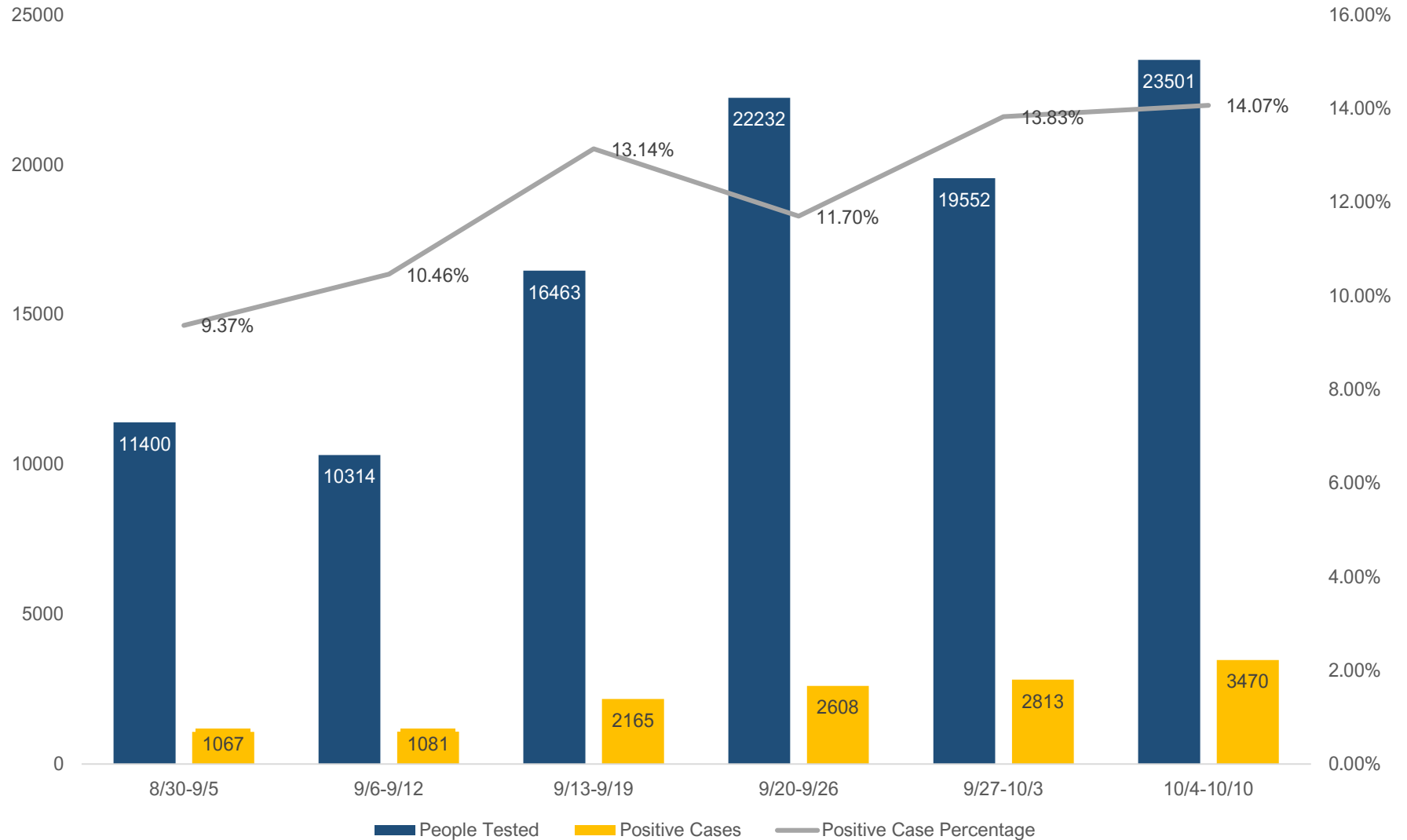
Description: The **total number of cases** is the cumulative total of all known active, recovered, and death COVID-19 cases in Salt Lake County since March 4, 2020. The **estimated current cases** is defined as positive tests in the last 14 days. The **estimated recovered cases** is the number of cases whose positive laboratory test was reported at least 14 days ago. The **known related fatalities** is the number of deaths that have known links to COVID-19 infection. The number of **hospitalized** reports the total number of Salt Lake County residents hospitalized currently against the total number of residents hospitalized.

Infection Snapshot: Salt Lake County

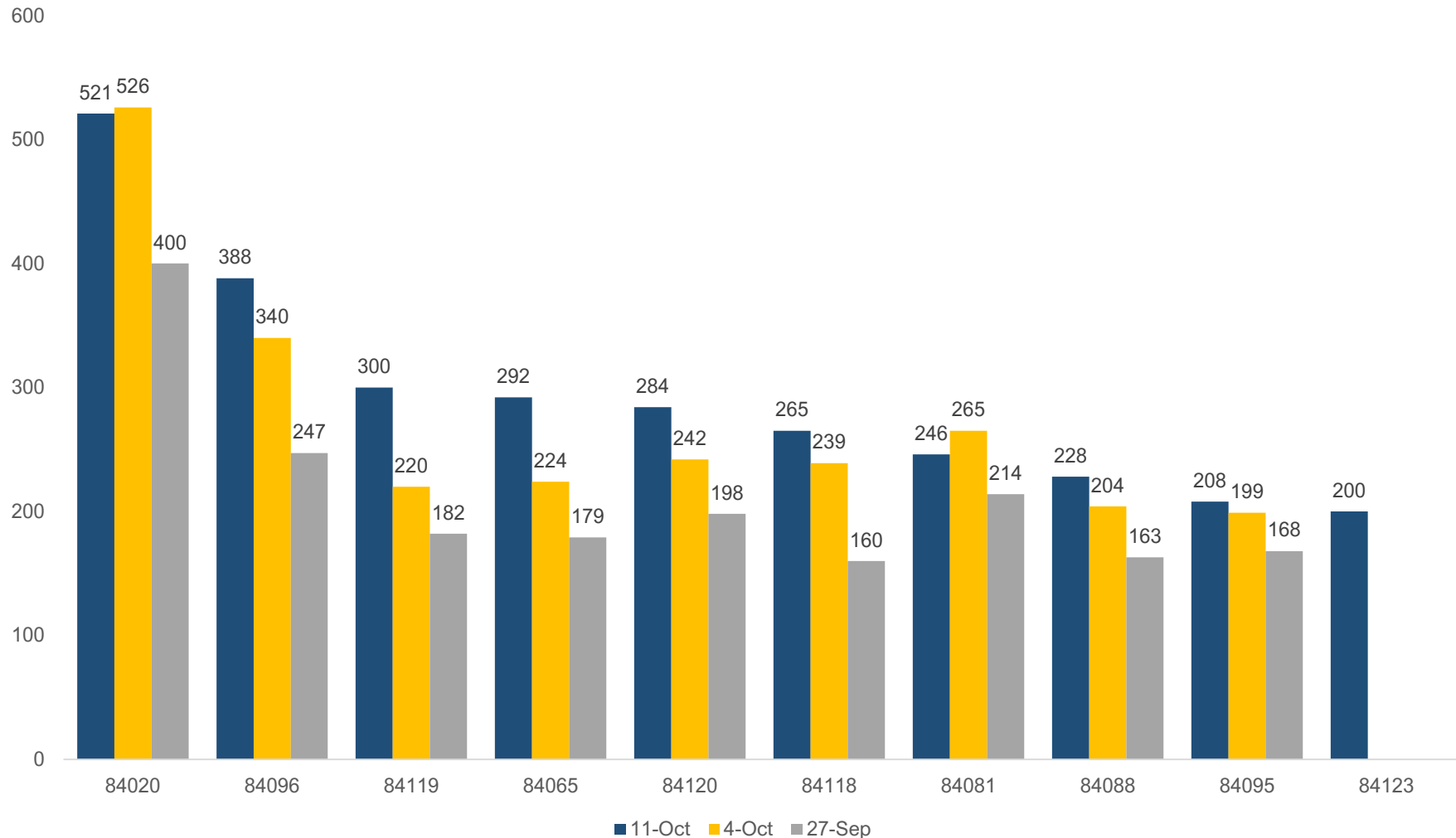
| | Oct. 11 | Oct. 4 | Sept. 27 |
|---|-----------------|----------------|----------------|
| Case Rate Increase | ↓ 1.011% | ↑ 1.392% | 0.942% |
| Hospitalization Rate | ↓ 5.000% | ↓ 5.169% | 5.535% |
| Mortality Rate | ↓ 0.744% | ↓ 0.757% | 0.804% |
| Doubling Rate | ↑ 68.9 Days | ↓ 50.1 Days | 74.0 Days |
| Total People Tested | ↑ 370,632 | ↑ 347,903 | 328,429 |
| Positive Cases | ↑ 37,476 | ↑ 34,087 | 31,088 |
| Positivity Rate (Cumulative / Current) | 10.03% / 13.97% | 9.79% / 12.76% | 9.53% / 12.34% |

Description: The **case rate increase** is the number of cases is the factor by which a quantity multiplies itself over time. The formula used is every day's new cases divided by the new cases on the previous day. The **hospitalization rate** is calculated by the number of residents of a defined area who are hospitalized with a positive COVID-19 laboratory test divided by the total population within that defined area. The **mortality rate** measures the probability that any individual in the population will die from COVID-19; not just those who are infected or are confirmed as being infected. The mortality rate is calculated by dividing the number of deaths from the disease by the total population. The **doubling rate** is the number of days it takes for the virus to double over a timeframe. The **positivity rate** is calculated by the number of individual cases testing positive for COVID-19. Information on this page is cumulative in nature, dating back to March 4, 2020.

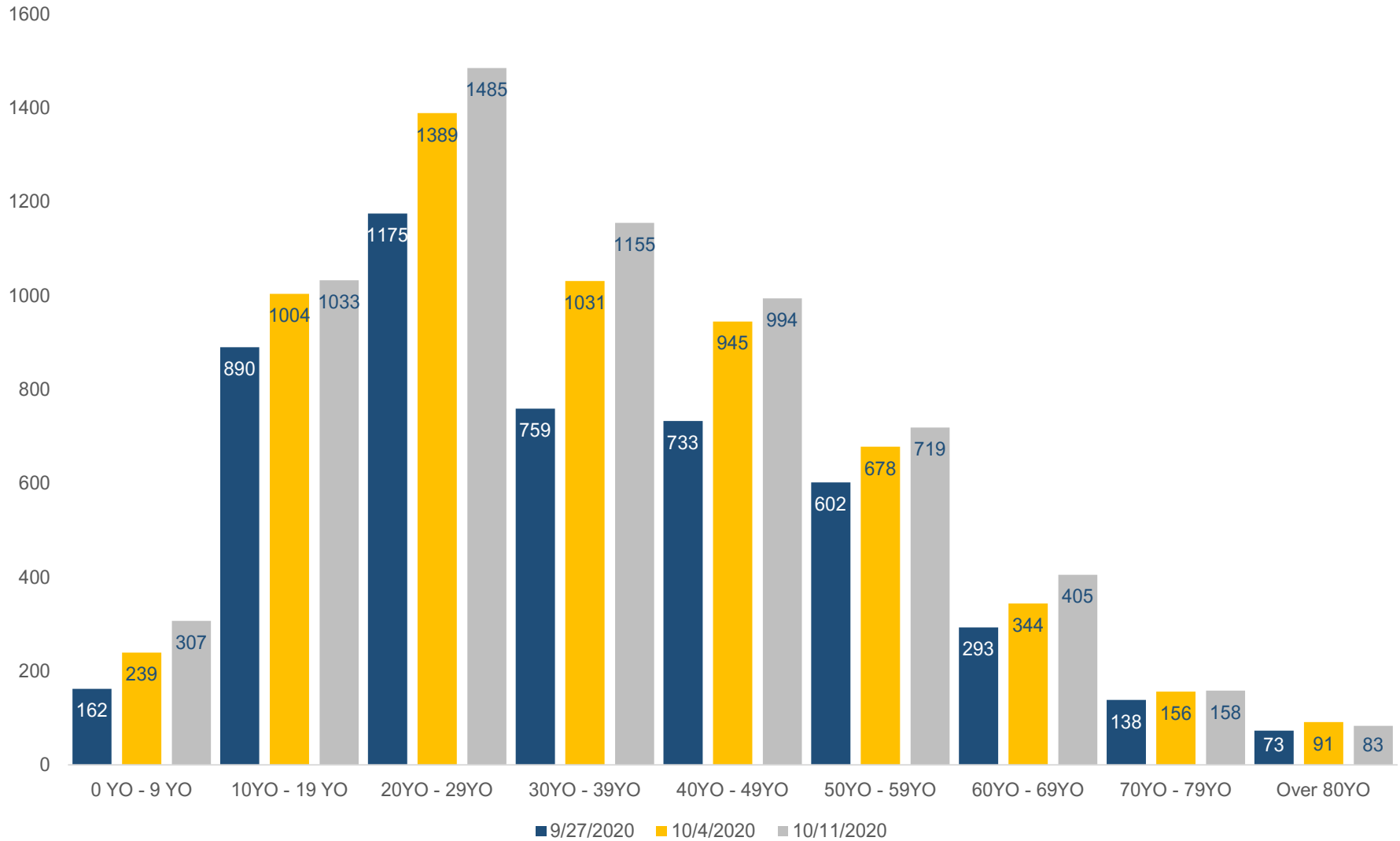
Test Analysis and Positivity: Salt Lake County



Top Ten Current Cases Viral Surveillance by ZIP Code: Salt Lake County

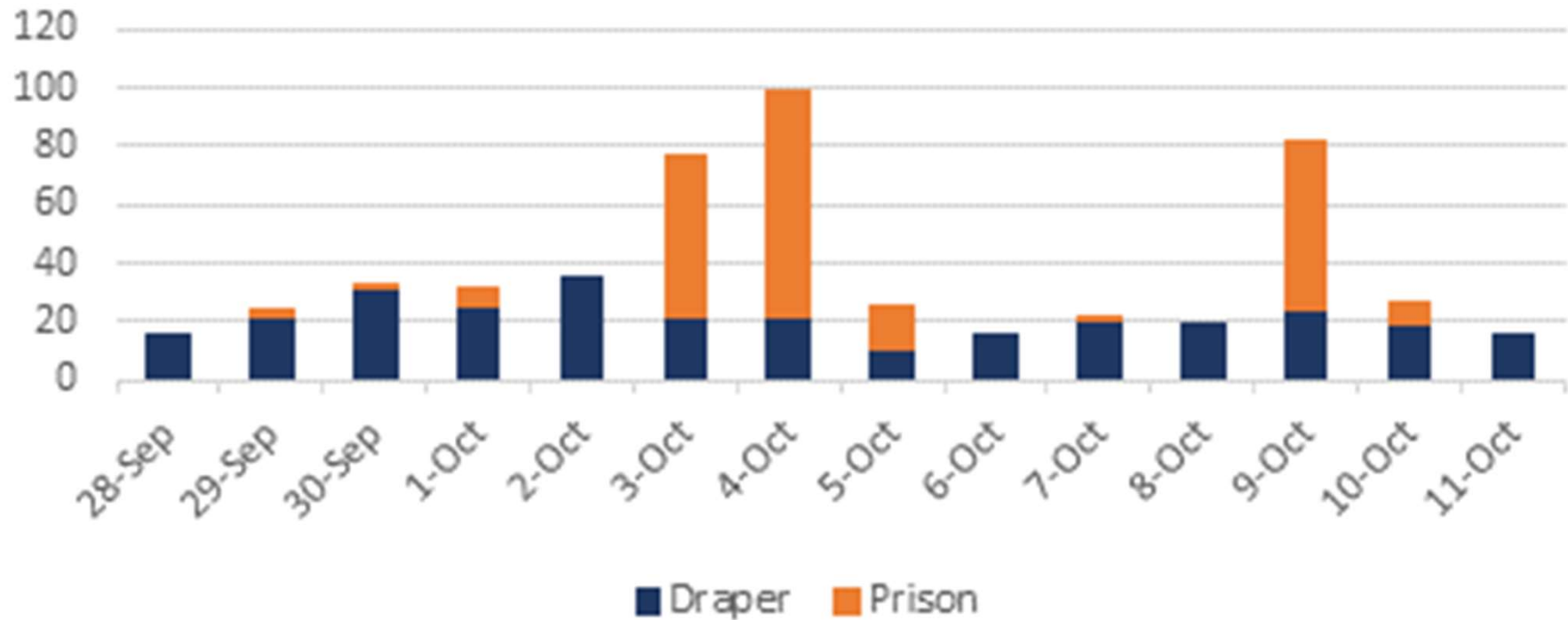


Age Distribution of Cases: Salt Lake County

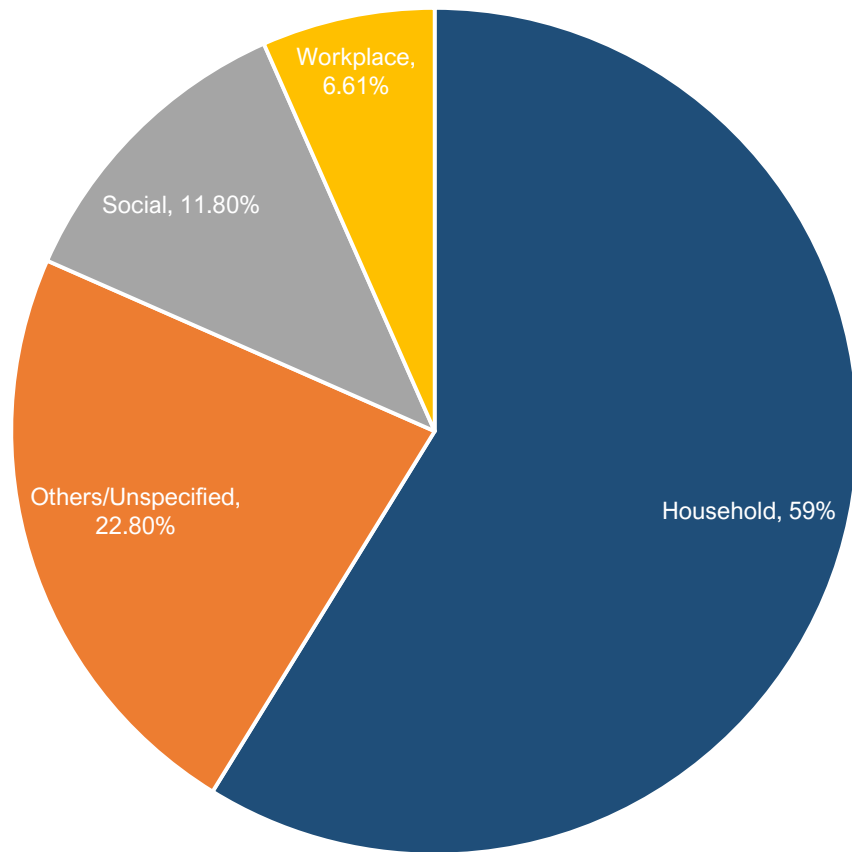


Description: Data presented is for the current time period (14 days prior).

Draper Cases: Municipal / State Prison



Known Contact Types and Exposure Source Analysis: Salt Lake County

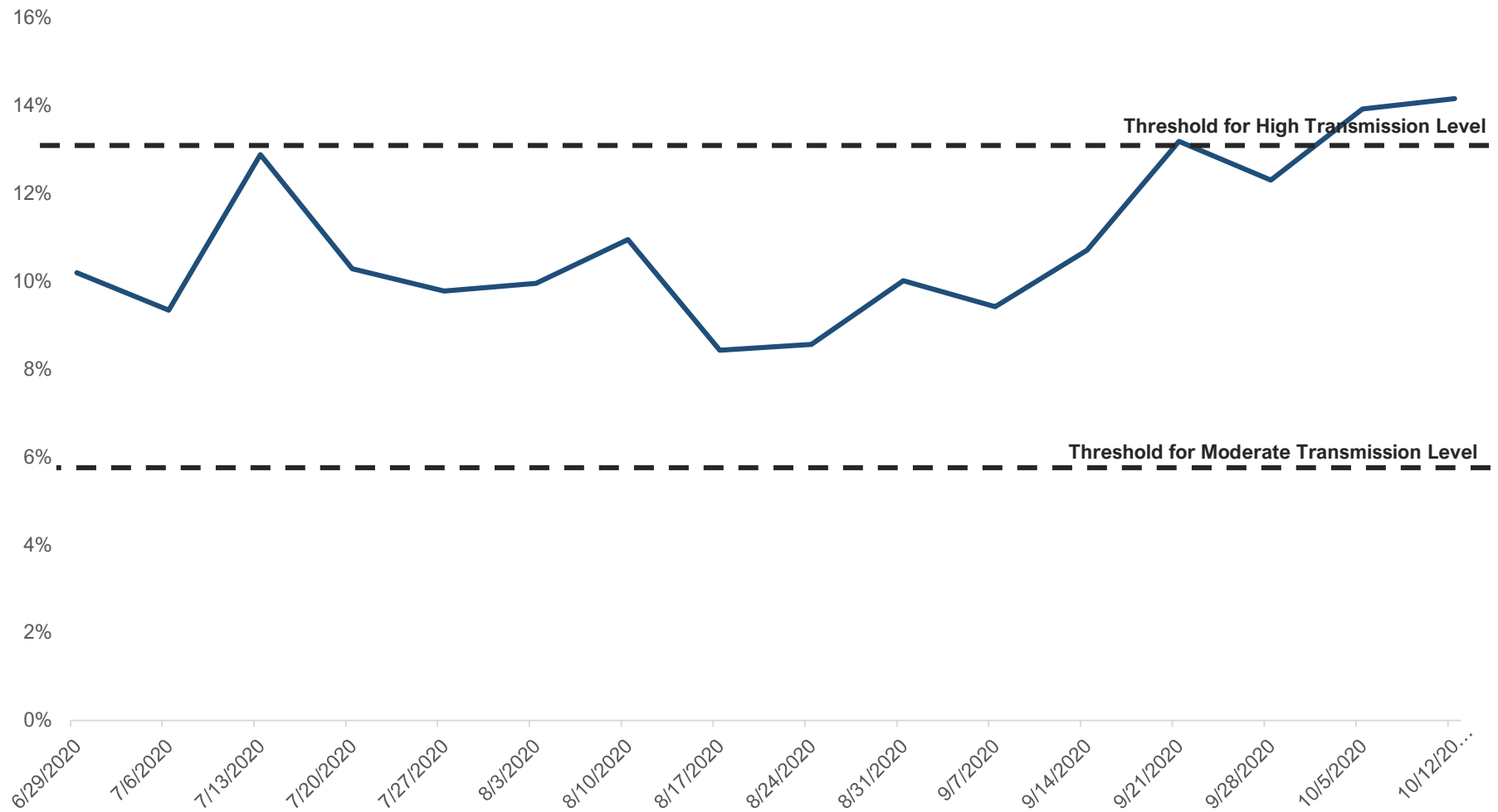


Known Contacts: 63% (9/19-9/25)

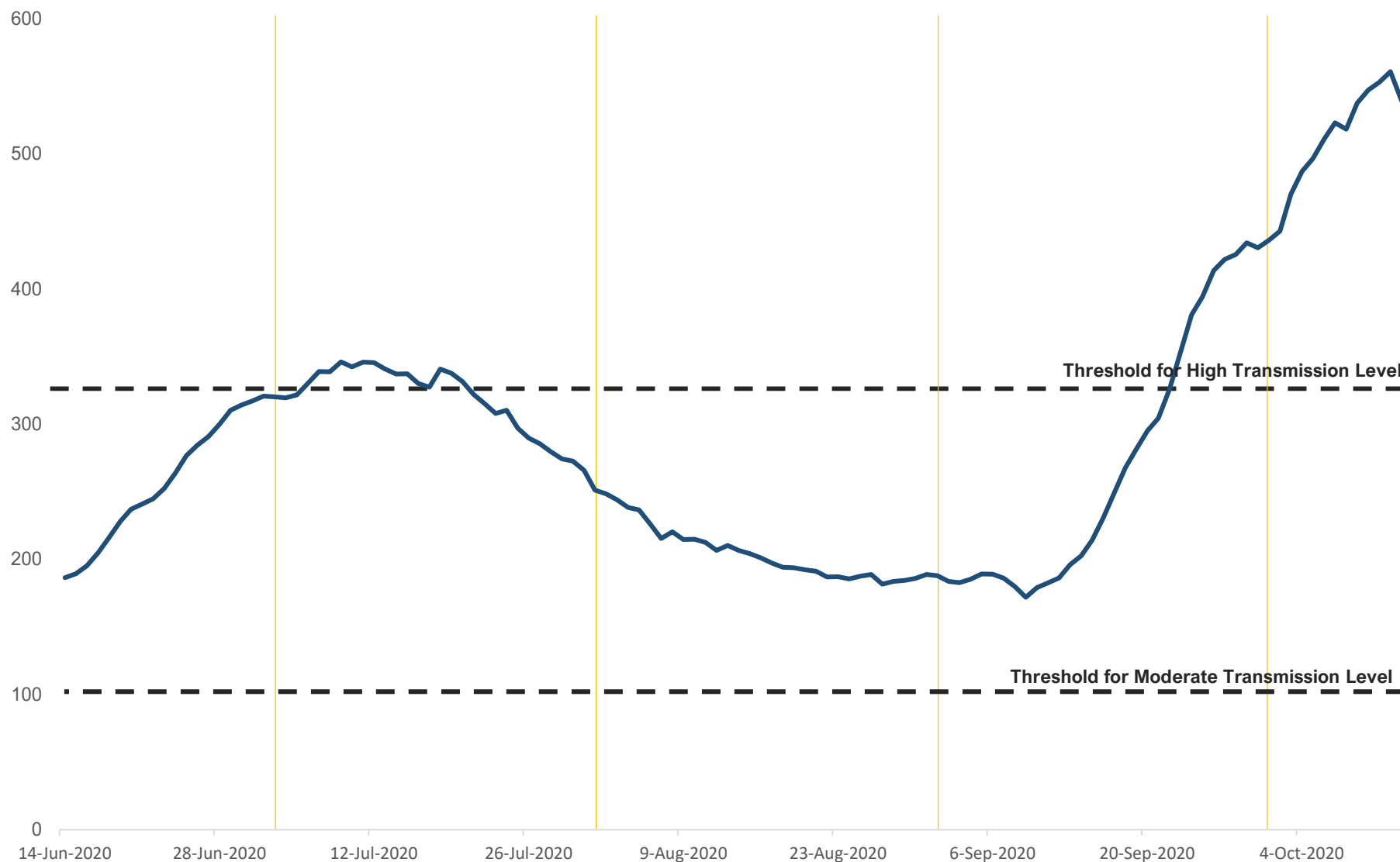
Contact to Case Rate (Seven-Day Rolling): 28%

COVID-19 Transmission Index

7-Day Average Percentage Positive: Salt Lake County



14-Day Case Rate: Salt Lake County



Statewide ICU: Salt Lake County

