



# BRIEFING TO COUNTY COUNCIL

October 20, 2020

**David Schuld**

Mayor's Policy Advisor and Coordinating Officer

Salt Lake County COVID-19 Response and Recovery

# Transmission Index Level: Salt Lake County



## RISK PARAMETERS AND ANALYSIS

14 Case Count: 6,359

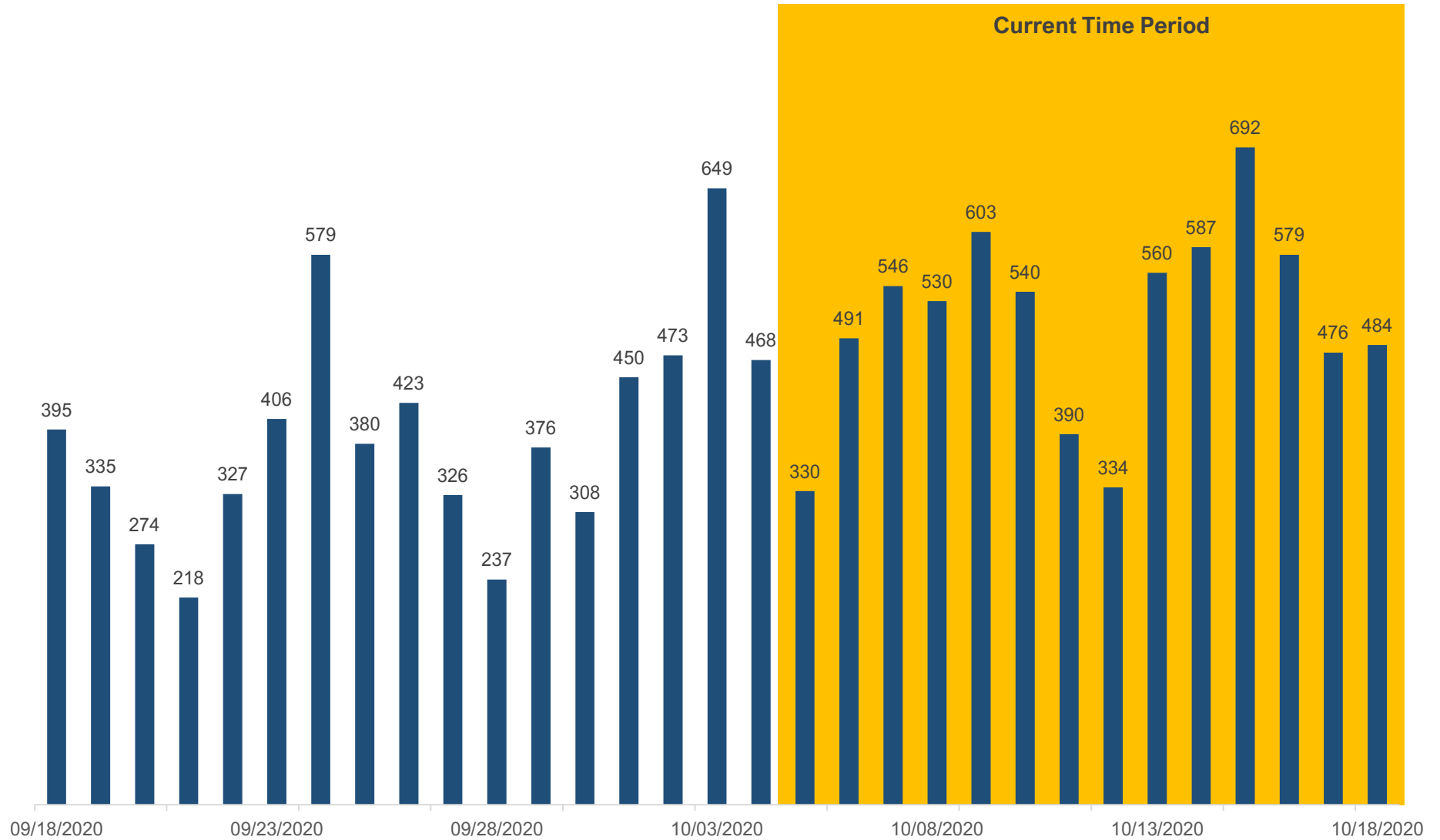
14 Case Rate per 100k: 551.7

7 Day Avg % Positives: 15.1%

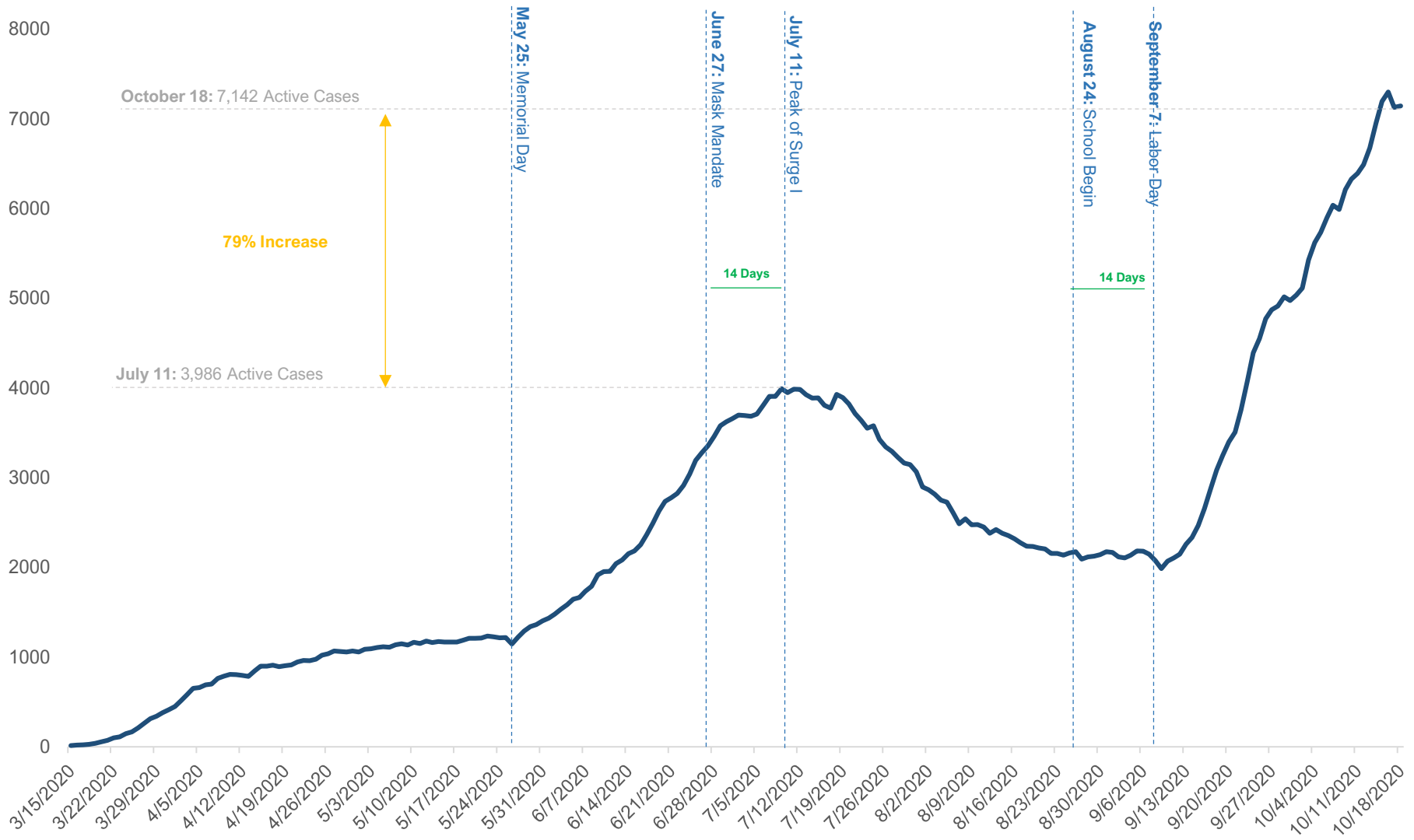
7 Day Avg Total ICU Util: 69.6%

7 Day Avg COVID ICU Util: 15.8%

# Daily Case Counts: Salt Lake County



# Active Case Curve: Salt Lake County



# Case Snapshot: Salt Lake County

	Oct. 18	Oct. 11	Oct. 4
<b>Total Cases</b>	↑ 41,236	↑ 37,476	34,807
<b>Est. Current Cases</b>	↑ 7,145	↑ 6,339	5,402
<b>Est. Recovered Cases</b>	↑ 33,917	↑ 30,857	28,426
<b>Known Related Fatalities</b>	↑ 290	↑ 280	259
<b>Hospitalized (Current / Total)</b>	↑ 159/2001	↑ 124/1,875	136 / 1,763

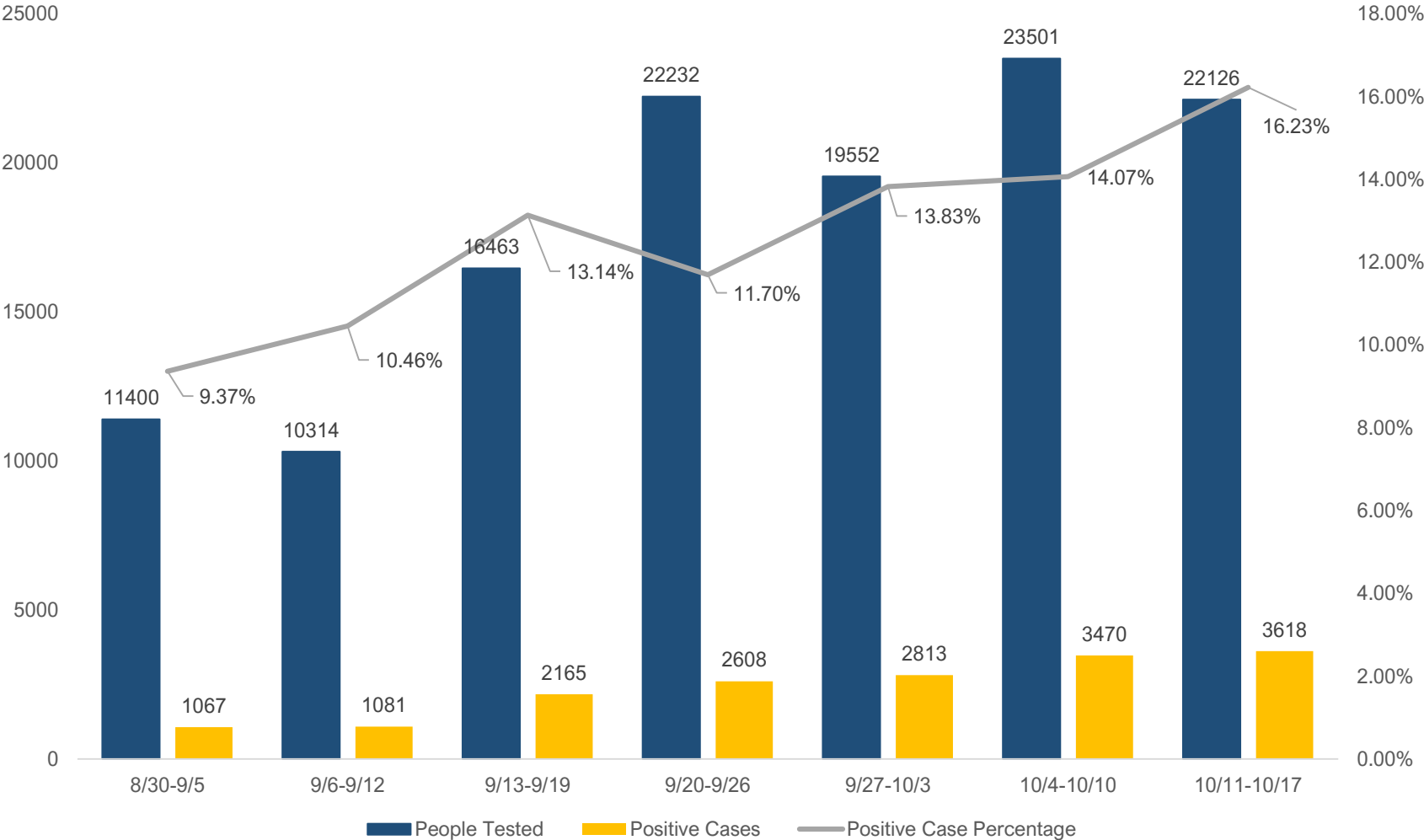
**Description:** The **total number of cases** is the cumulative total of all known active, recovered, and death COVID-19 cases in Salt Lake County since March 4, 2020. The **estimated current cases** is defined as positive tests in the last 14 days. The **estimated recovered cases** is the number of 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

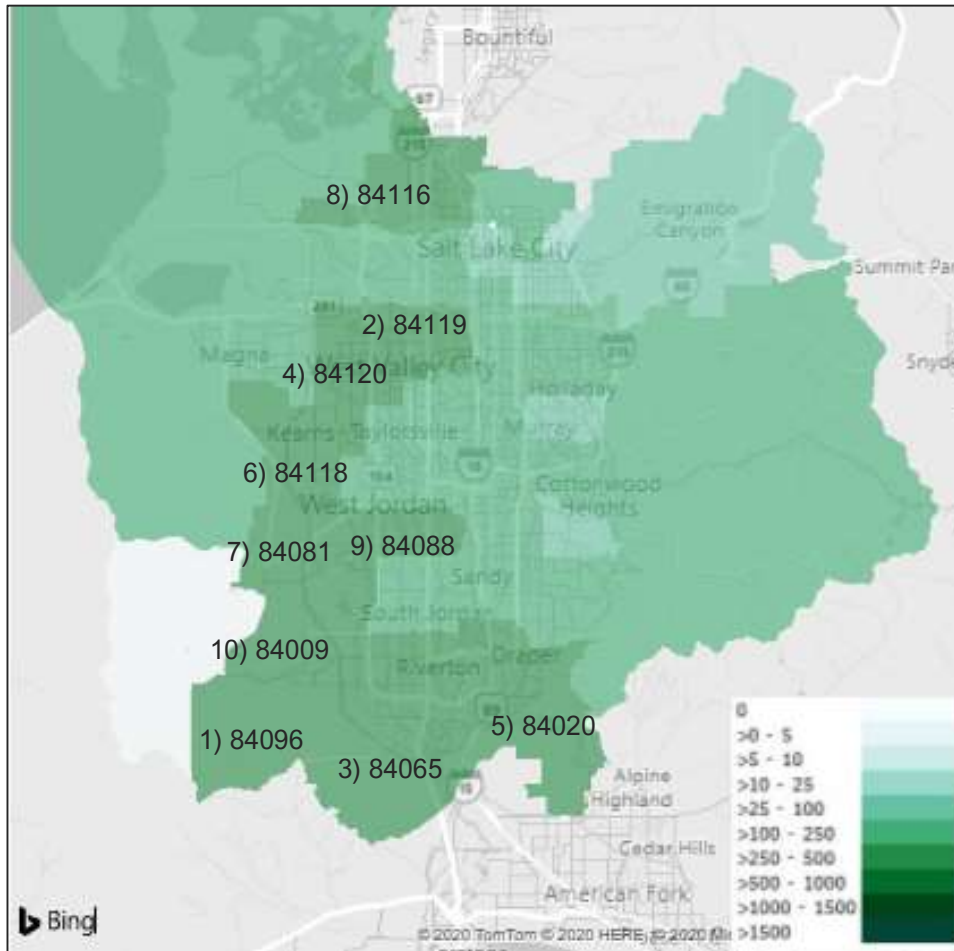
	Oct. 18	Oct. 11	Oct. 4
<b>Case Rate Increase</b>	↑ 1.188%	↓ 1.011%	1.392%
<b>Hospitalization Rate</b>	↓ 4.850%	↓ 5.000%	5.169%
<b>Mortality Rate</b>	↓ 0.701%	↓ 0.744%	0.757%
<b>Doubling Rate</b>	↓ 58.7 Days	↑ 68.9 Days	50.1 Days
<b>Total People Tested</b>	↑ 391,728	↑ 370,632	347,903
<b>Positive Cases</b>	↑ 41,238	↑ 37,476	34,087
<b>Positivity Rate</b> (Cumulative / Current)	10.44% / 16.37%	10.03% / 13.97%	9.79% / 12.76%

**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

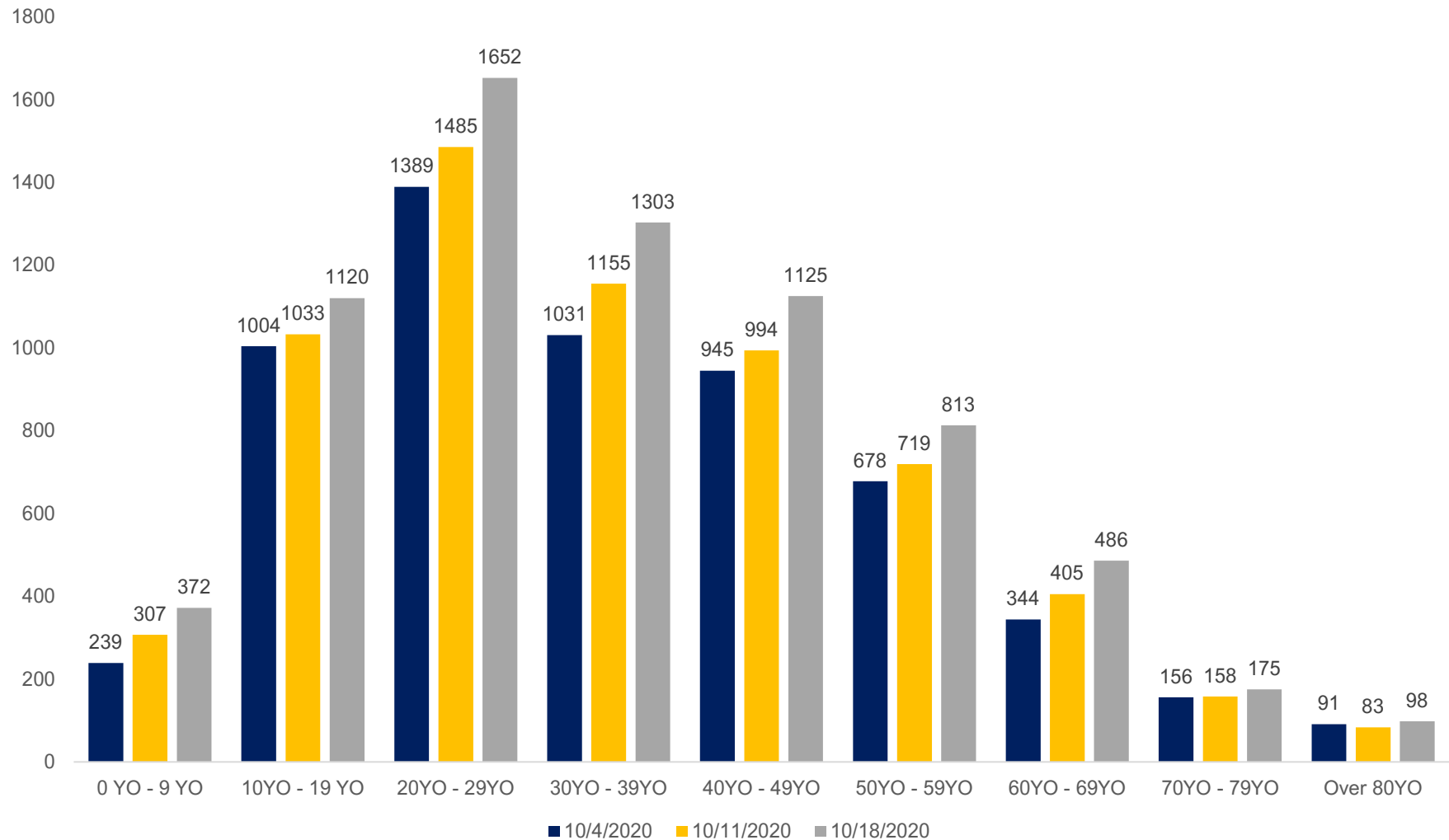


Rank	ZIP Code	18-Oct
1	84096	423
2	84119	394
3	84065	366
4	84120	365
5	84020	354
6	84118	309
7	84081	273
8	84116	259
9	84088	254
10	84009	253

Rank	ZIP Code	11-Oct
1	84020	521
2	84096	388
3	84119	300
4	84065	292
5	84120	284
6	84118	265
7	84081	246
8	84088	228
9	84095	208
10	84123	200

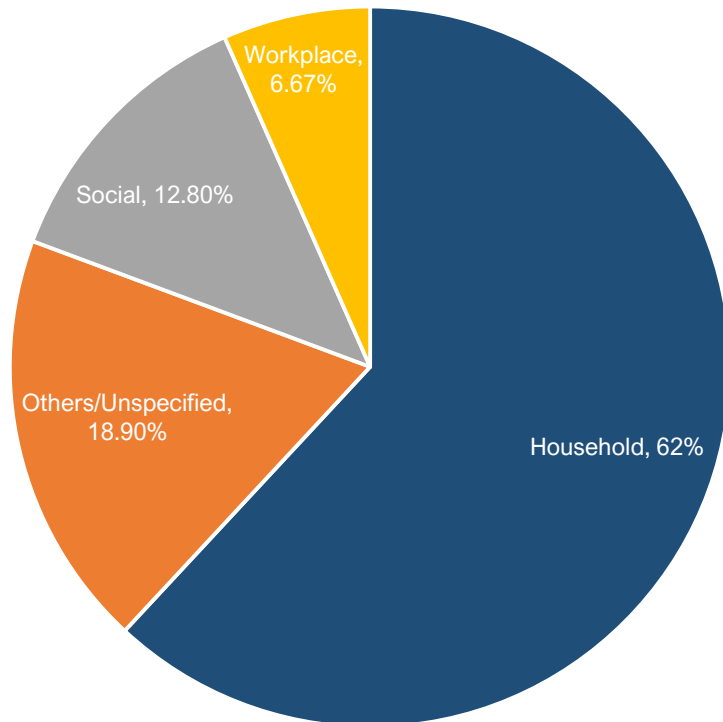


# Age Distribution of Cases: Salt Lake County



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

# Known Contact Types and Exposure Source Analysis: Salt Lake County



**Known Contacts: 63% (9/26-10/2)**

**Contact to Case Rate (Seven-Day Rolling): 32%**