



BRIEFING TO COUNTY COUNCIL

October 27, 2020

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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: 8,401

14 Day Case Rate per 100k: 637.14

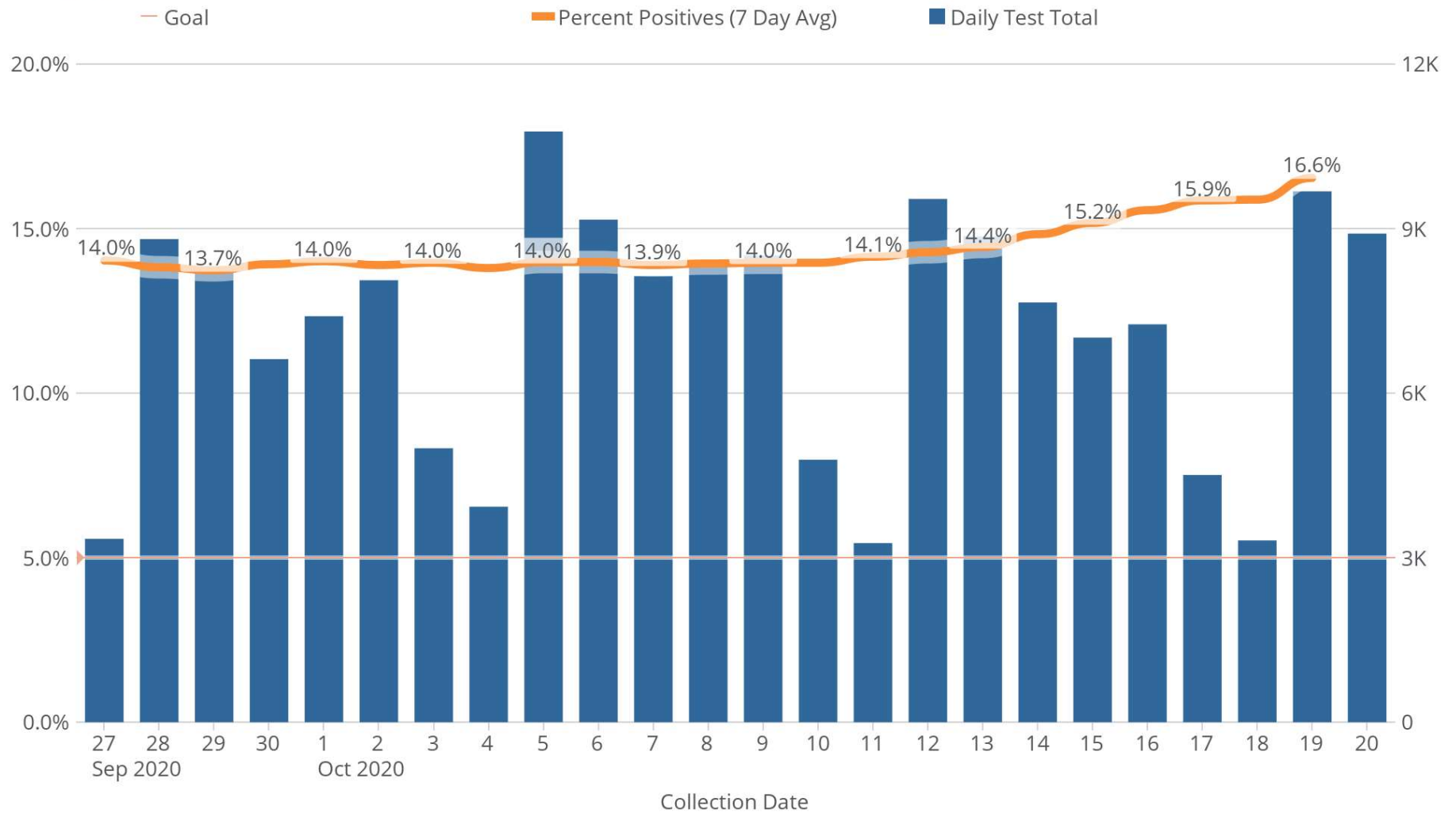
7 Day Avg % Positives: 18.98%

7 Day Avg Total ICU Util: 80.4%

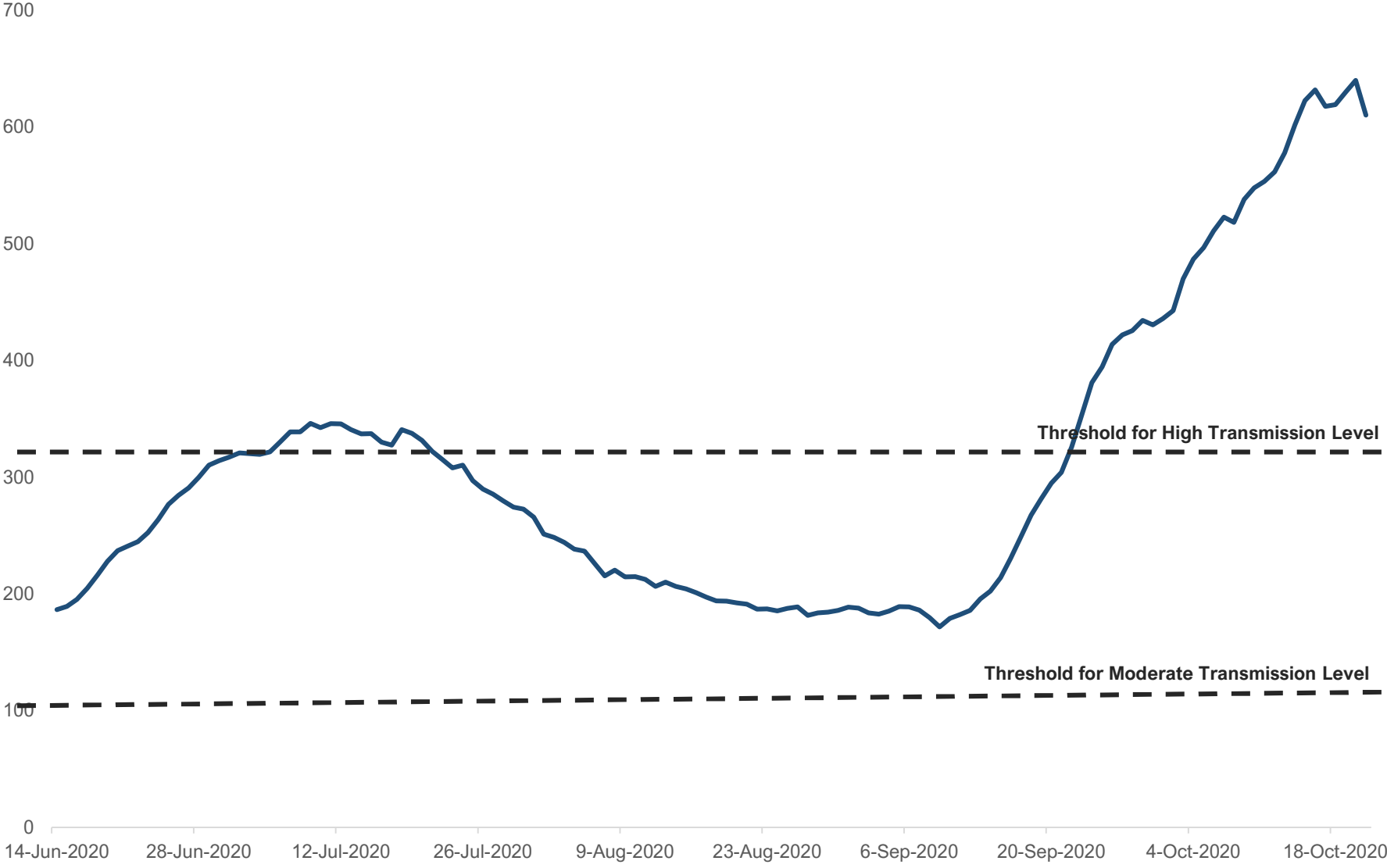
7 Day Avg COVID ICU Util: 19.4%

7-Day Average Percentage Positive: Salt Lake County

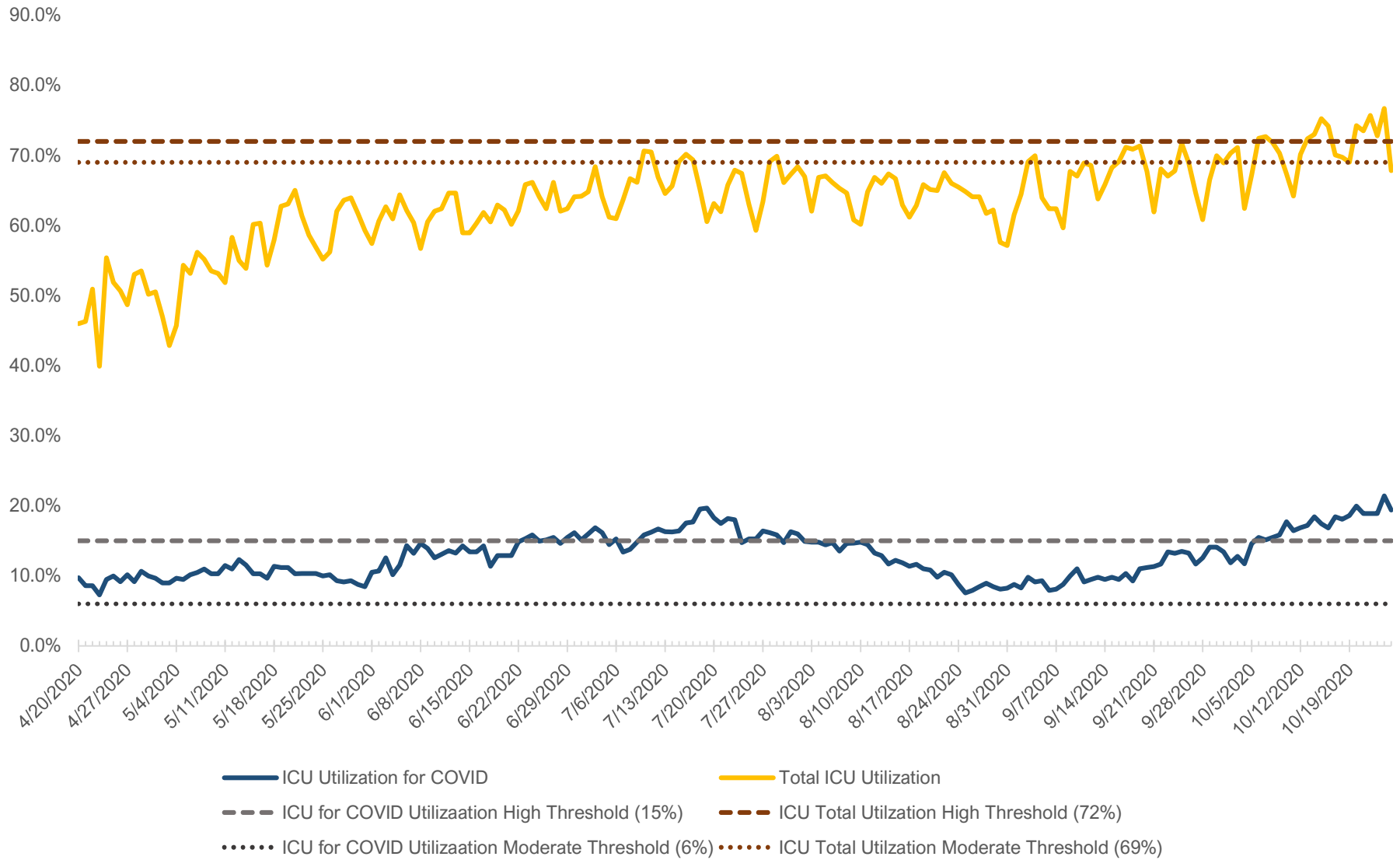
Goal **5.0%**



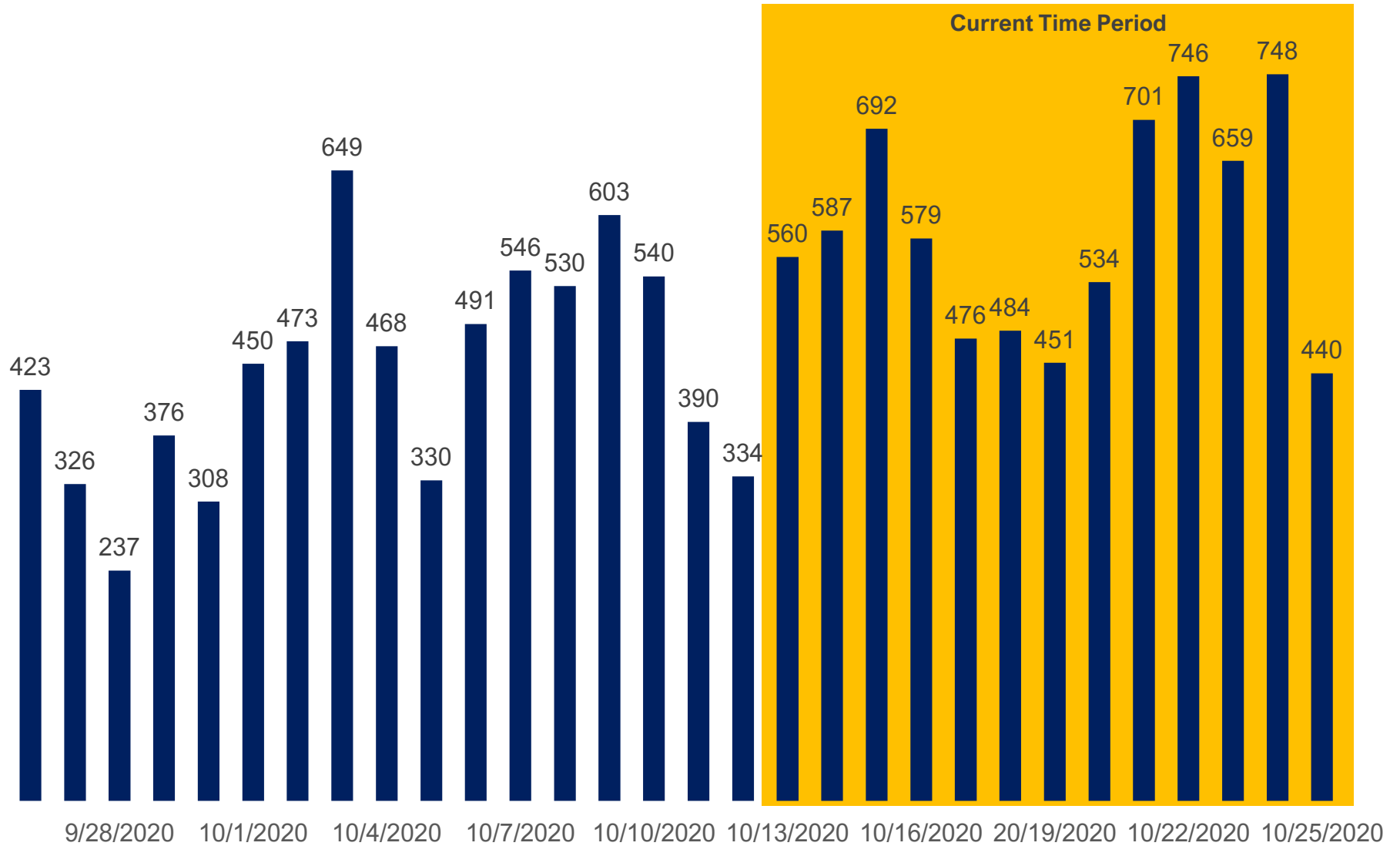
14-Day Case Rate: Salt Lake County



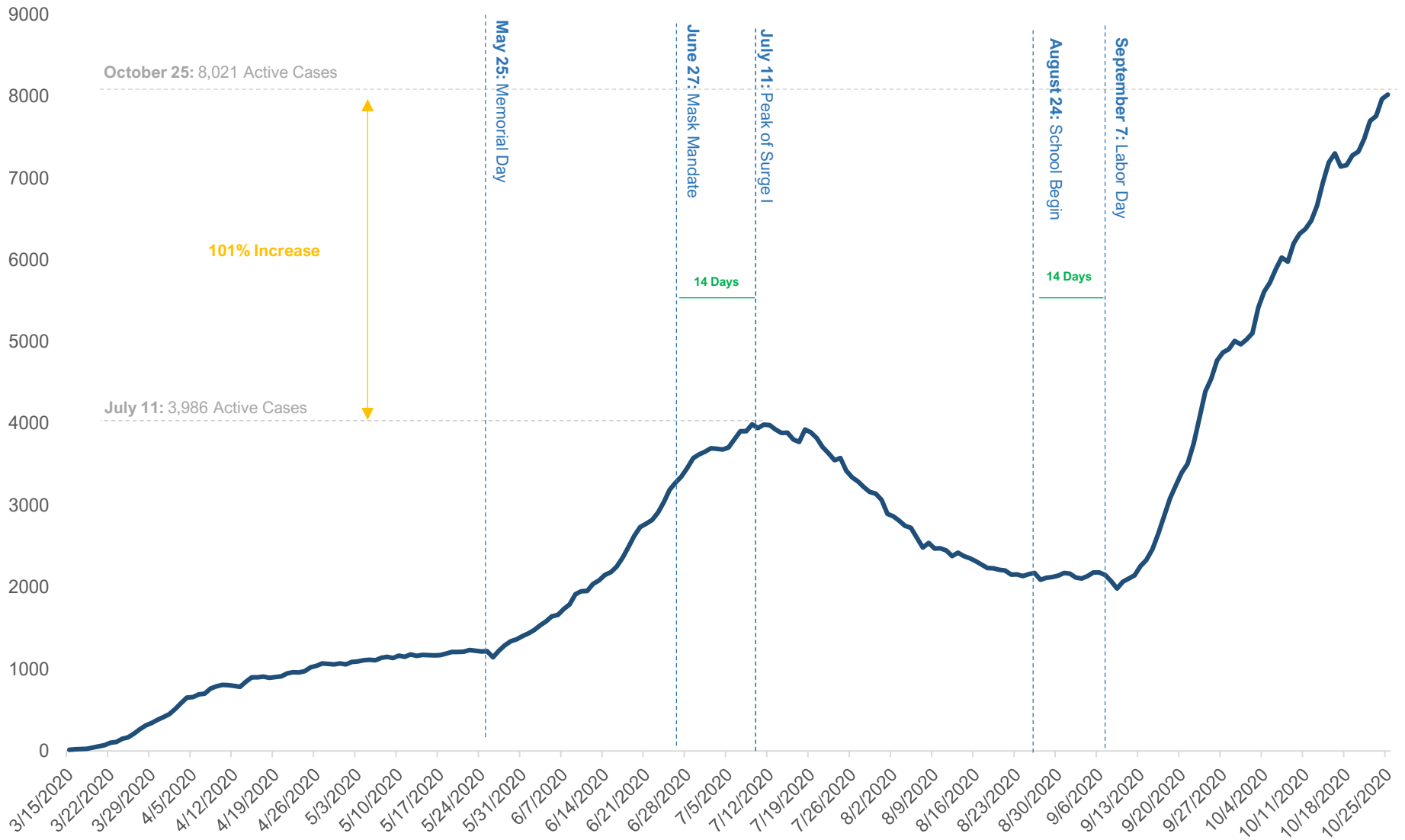
Statewide ICU: Salt Lake County



Daily Case Counts: Salt Lake County



Active Case Curve: Salt Lake County



Case Snapshot: Salt Lake County

	Oct. 25	Oct. 18	Oct. 11
Total Cases	↑ 45,530	↑ 41,236	↑ 37,476
Est. Current Cases	↑ 8,014	↑ 7,145	↑ 6,339
Est. Recovered Cases	↑ 36,867	↑ 33,917	↑ 30,857
Known Related Fatalities	↑ 297	↑ 290	↑ 280
Hospitalized (Current / Total)	↑ 141/2001	↑ 159/2001	↑ 124/1,875

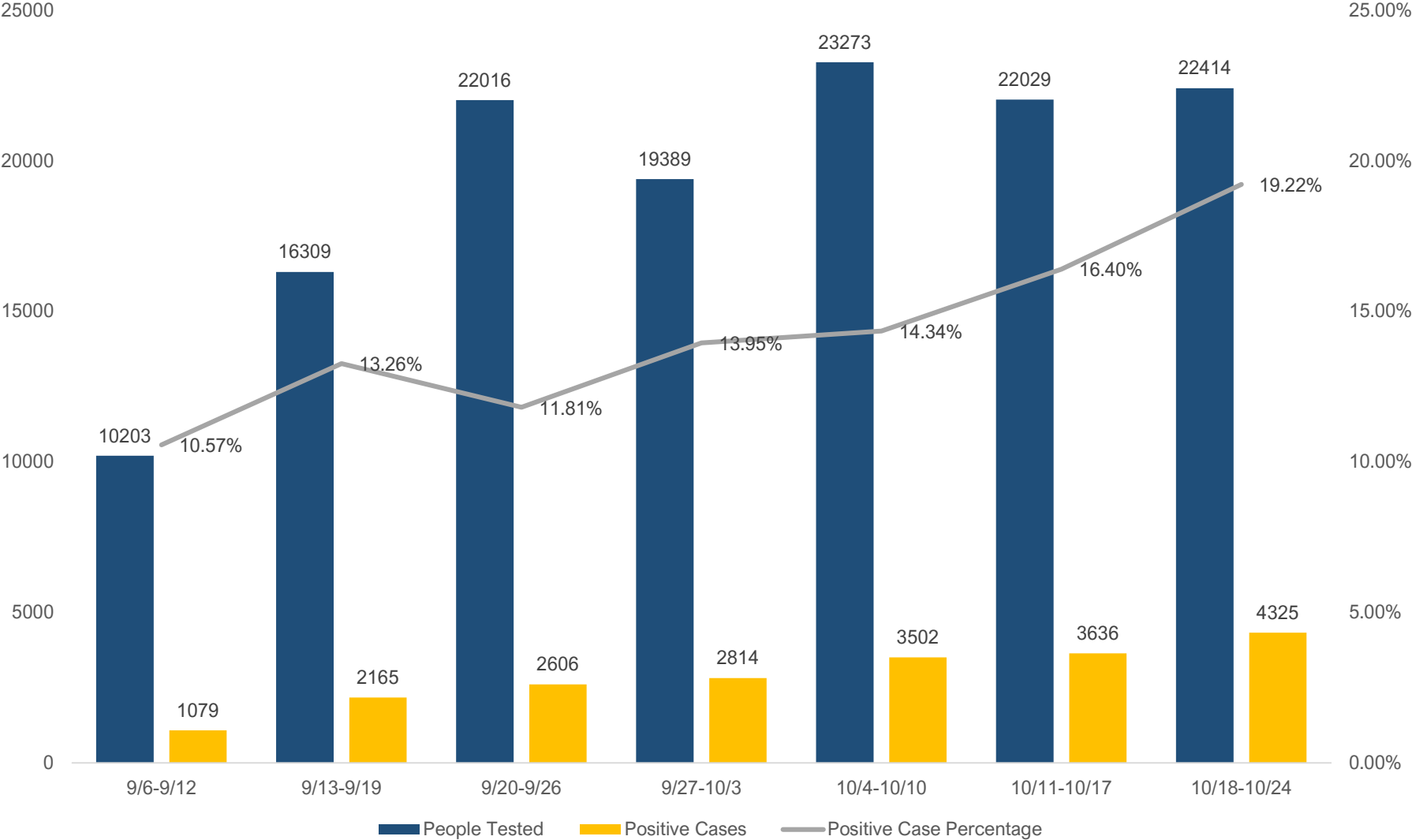
Description: The **total number of cases** is the cumulative total of all known active, recovered, and death COVID-19 cases in Salt Lake County since March 4, 2020. The **estimated current cases** is defined as positive tests in the last 14 days. The **estimated recovered cases** is the number of cases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

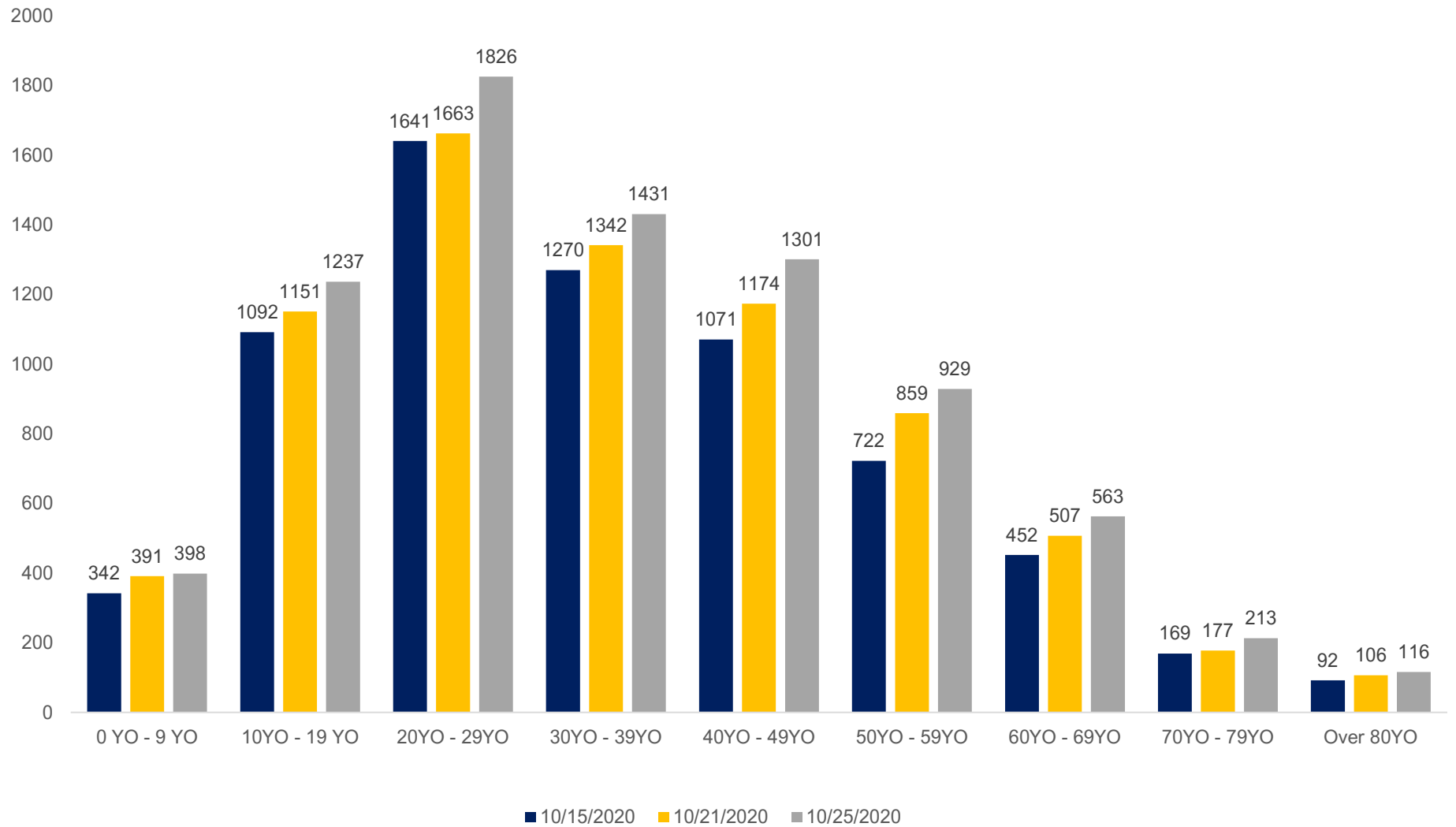
	Oct. 25	Oct. 18	Oct. 11
Case Rate Increase	↓ 0.978%	↑ 1.188%	↓ 1.011%
Hospitalization Rate	↓ 4.665%	↓ 4.850%	↓ 5.000%
Mortality Rate	↓ 0.652%	↓ 0.701%	↓ 0.744%
Doubling Rate	↑ 71.2 Days	↓ 58.7 Days	↑ 68.9 Days
Total People Tested	↑ 413,075	↑ 391,728	↑ 370,632
Positive Cases	↑ 45,522	↑ 41,238	↑ 37,476
Positivity Rate (Cumulative / Current)	10.84% / 17.77%	10.44% / 16.37%	10.03%/13.97%

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

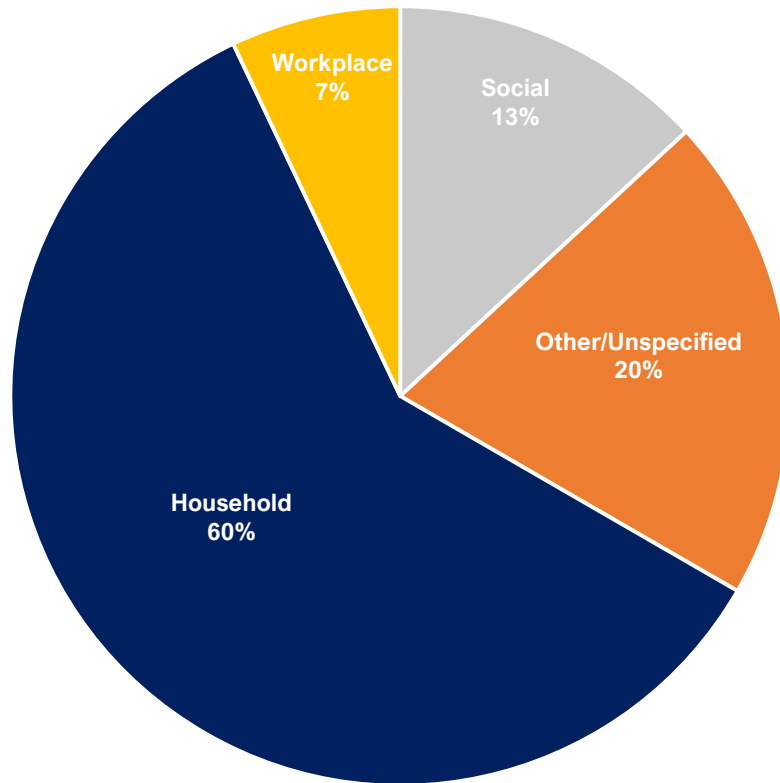


Age Distribution of Cases: Salt Lake County



Description: Data presented is for the current time period of 10/12 – 10/25.

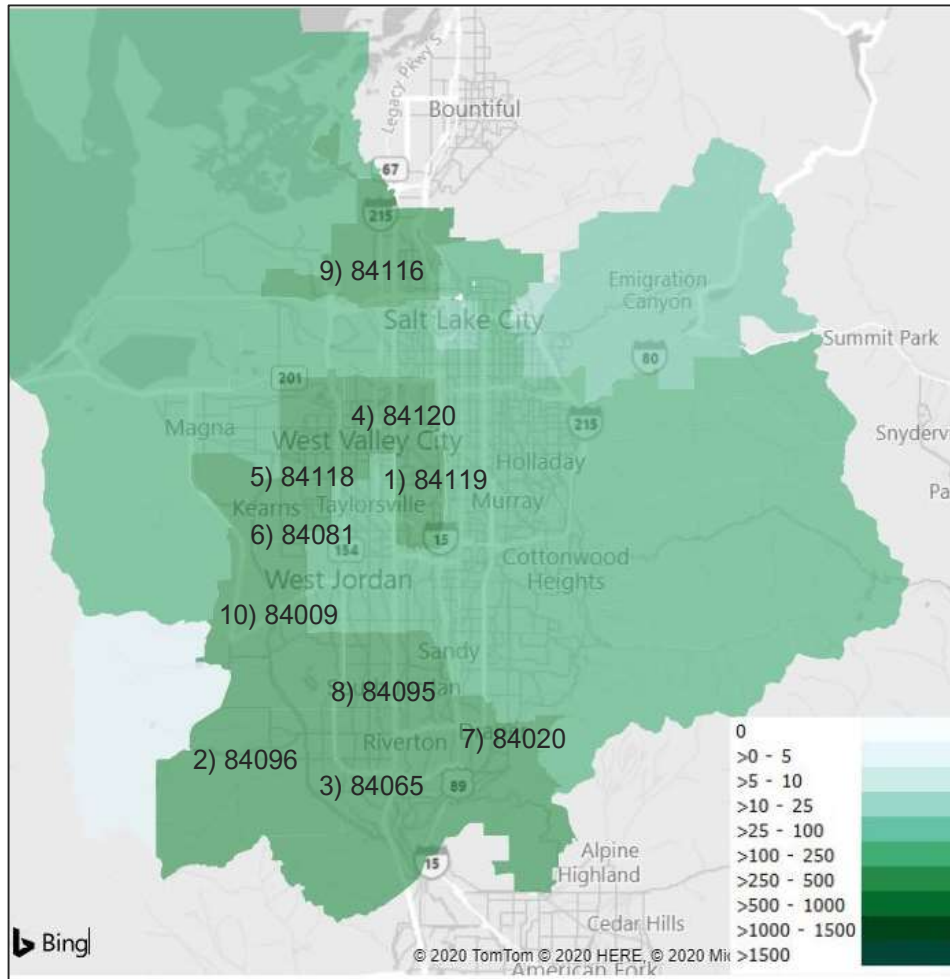
Known Contact Types and Exposure Source Analysis: Salt Lake County



Known Contacts: 66% (10/3-10/9)

Contact to Case Rate (Seven-Day Rolling): 31%

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



Rank	ZIP Code	25-Oct
1	84119	460
2	84096	426
3	84065	398
4	84120	382
5	84118	370
6	84081	339
7	84020	338
8	84095	294
9	84116	281
10	84009	275

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