



COUNTY COUNCIL BRIEFING

November 3, 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: 8,286

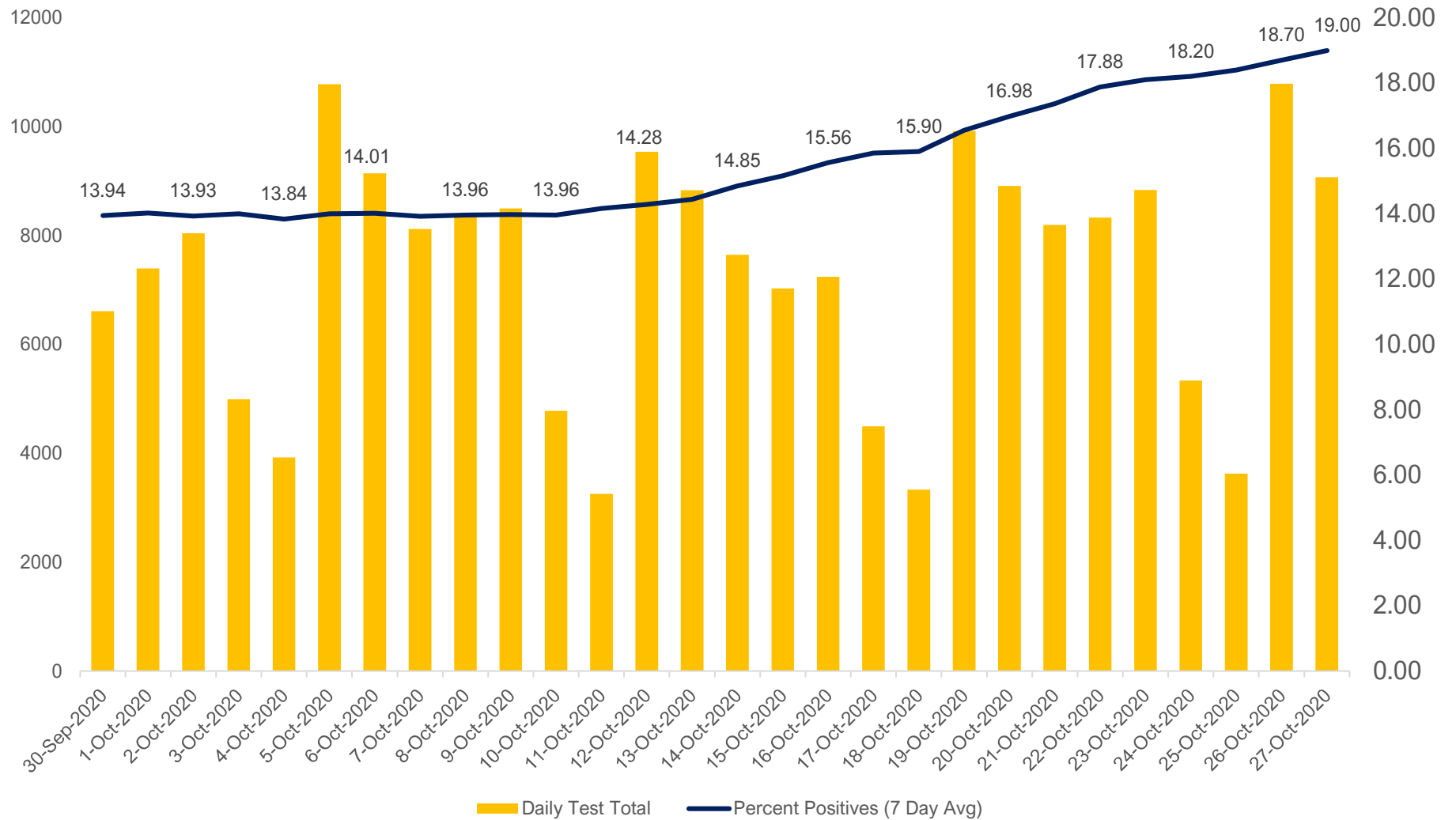
14 Day Case Rate per 100k: 718.9

7 Day Avg % Positives: 19.16%

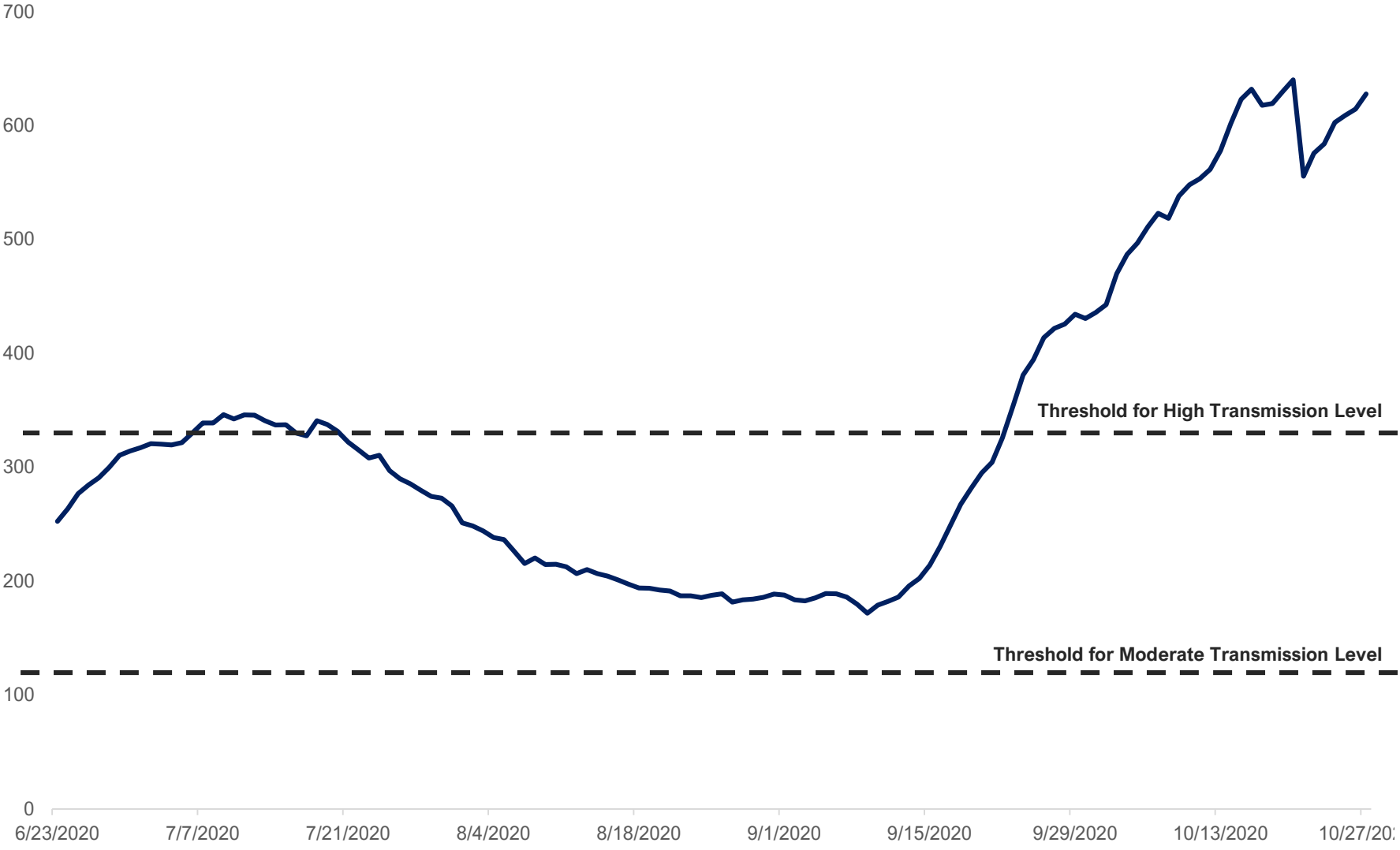
7 Day Avg Total ICU Util: 72.6%

7 Day Avg COVID ICU Util: 20.1%

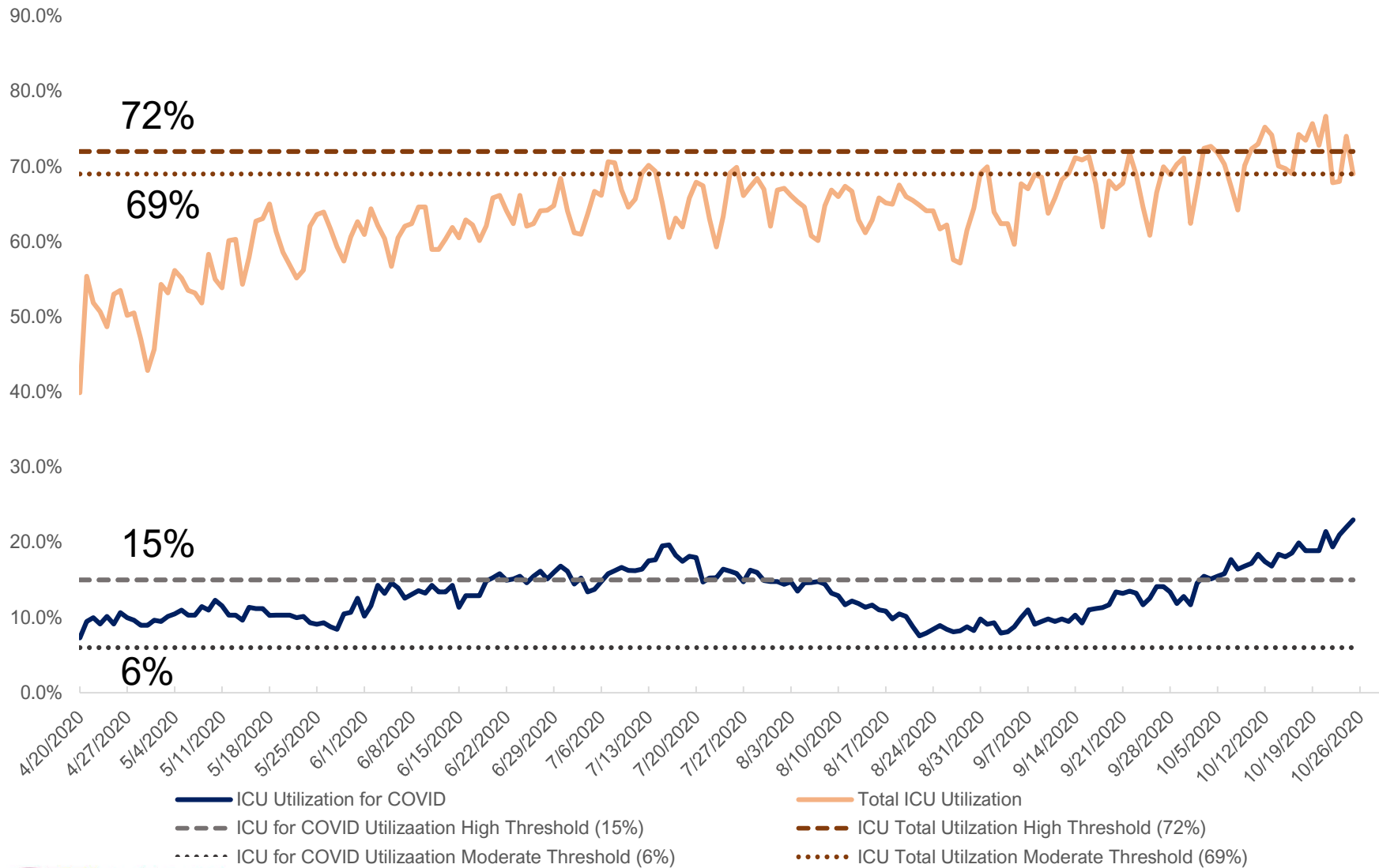
7-Day Average Percentage Positive: Salt Lake County



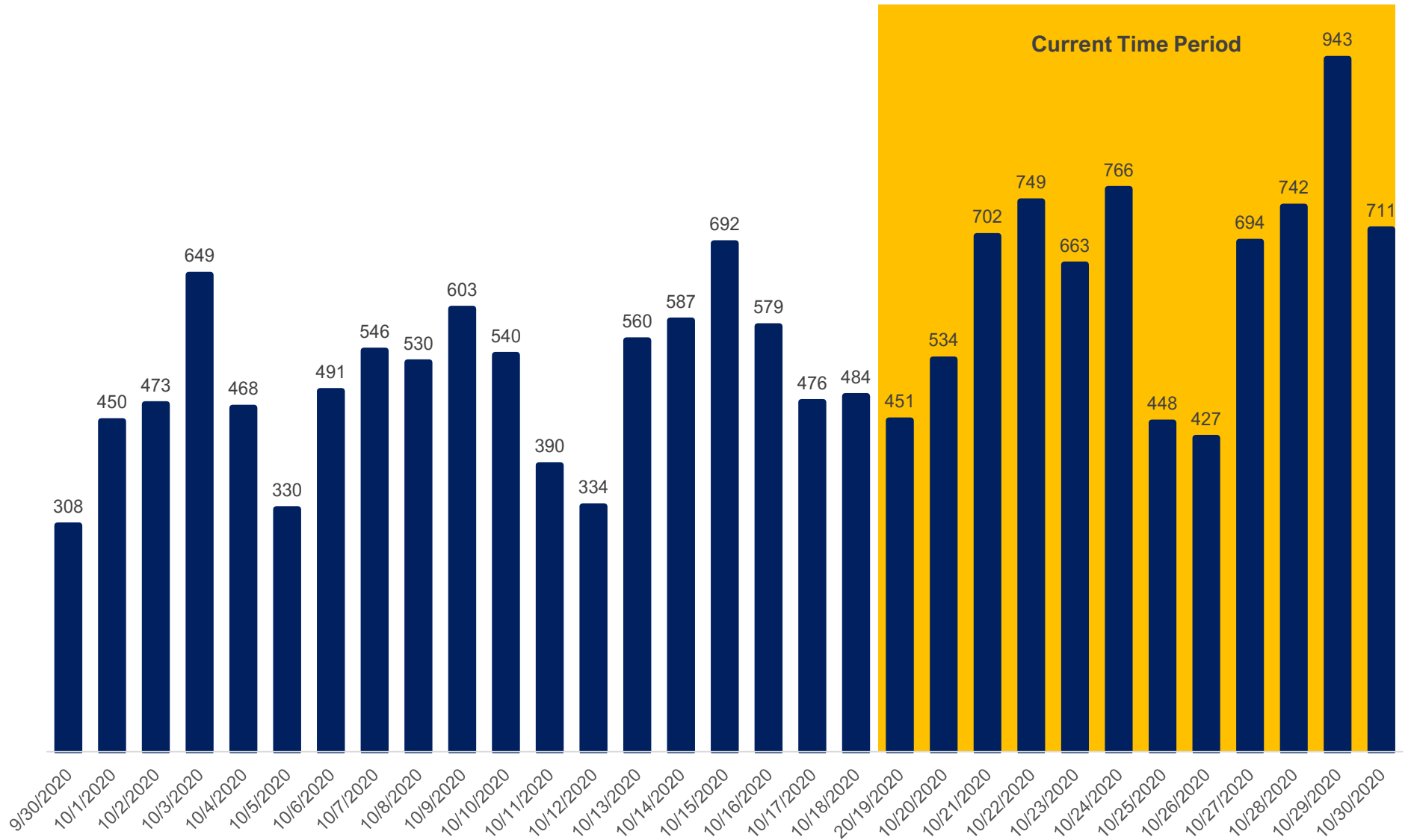
14-Day Case Rate: Salt Lake County



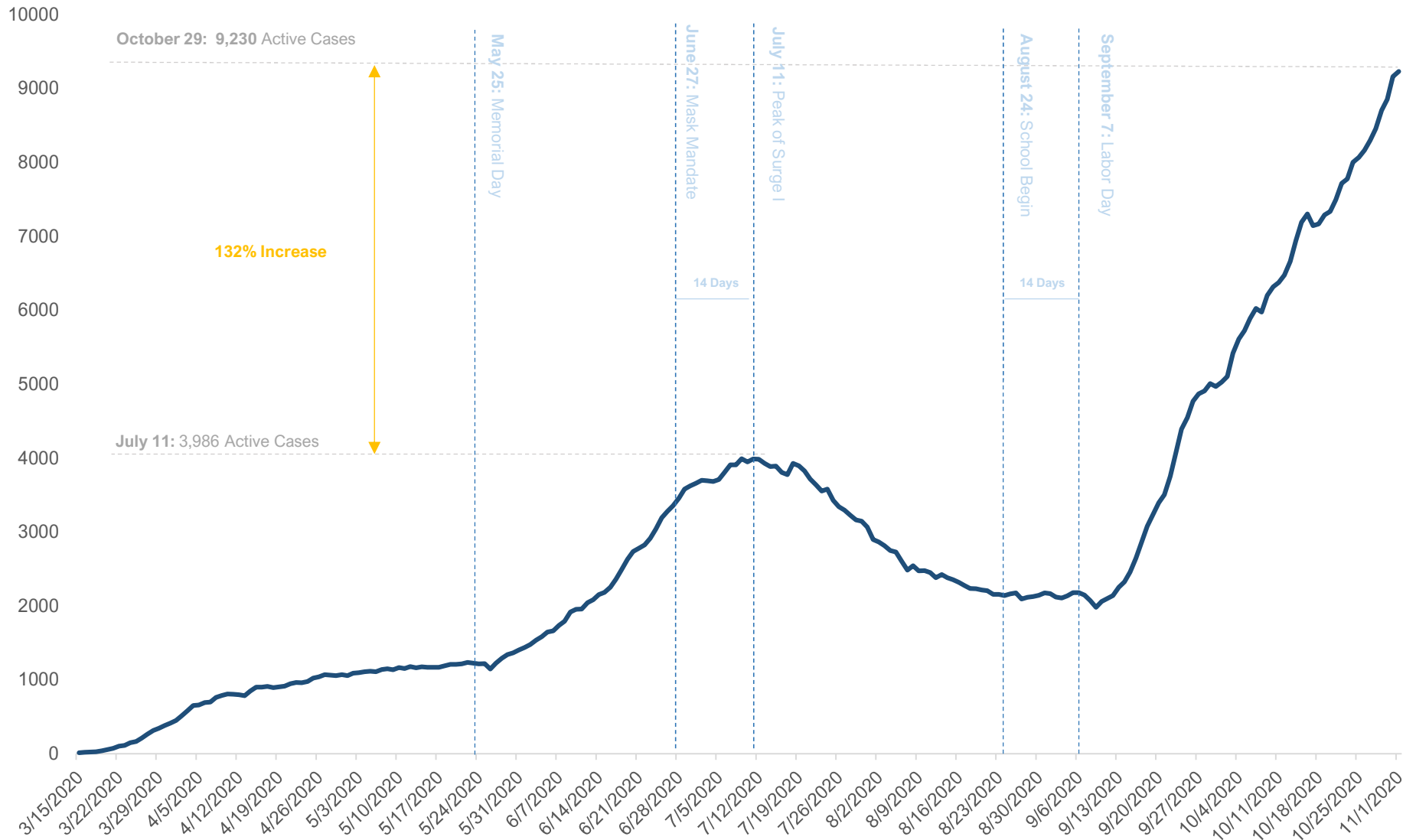
Statewide ICU Utilization



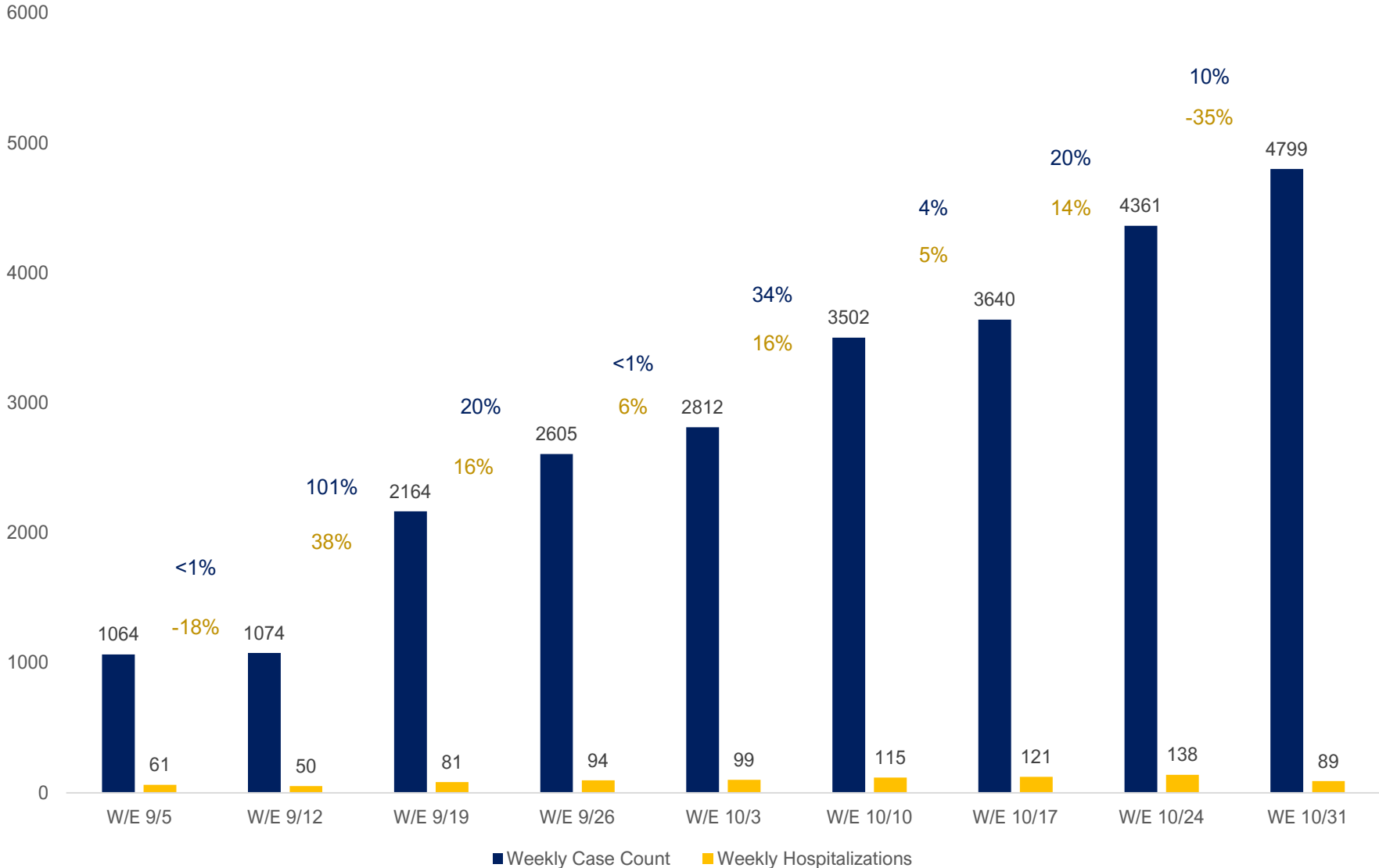
Daily Case Counts: Salt Lake County



Active Case Curve: Salt Lake County



Percent Change (By Week)















Case Snapshot: Salt Lake County

	Nov. 2	Oct. 25	Oct. 18
Total Cases	↑ 50,468	↑ 45,530	41,236
Est. Current Cases	↑ 9,230	↑ 8,014	7,145
Est. Recovered Cases	↑ 38,341	↑ 36,867	33,917
Known Related Fatalities	↑ 314	↑ 297	290
Hospitalized (Current / Total)	↑ 207/2,294	↑ 141/2,212	159/2,001

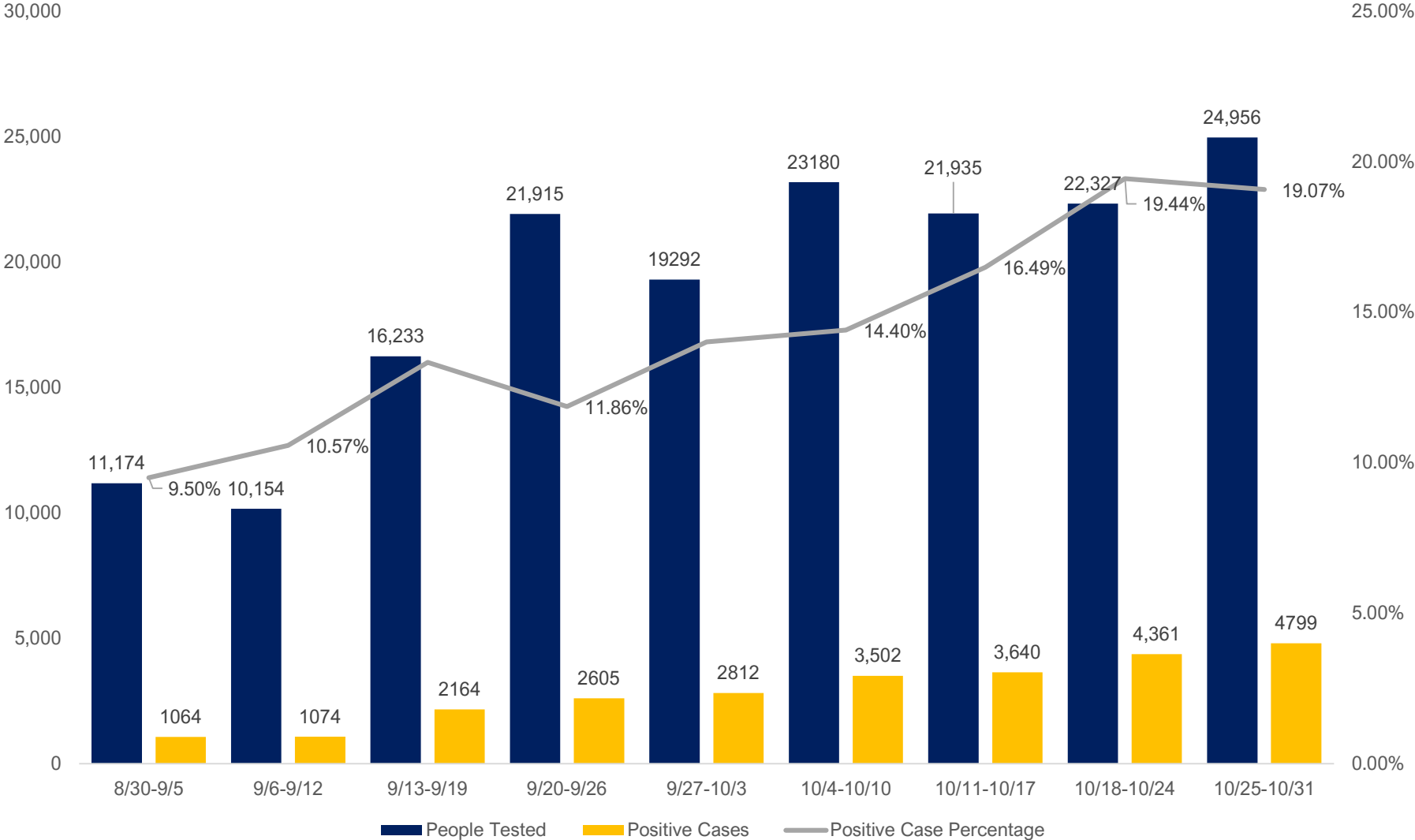
Description: The **total number of cases** is the cumulative total of all known active, recovered, and death COVID-19 cases in Salt Lake County since March 4, 2020. The **estimated current cases** is defined as positive tests in the last 14 days. The **estimated recovered cases** is the number of cases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

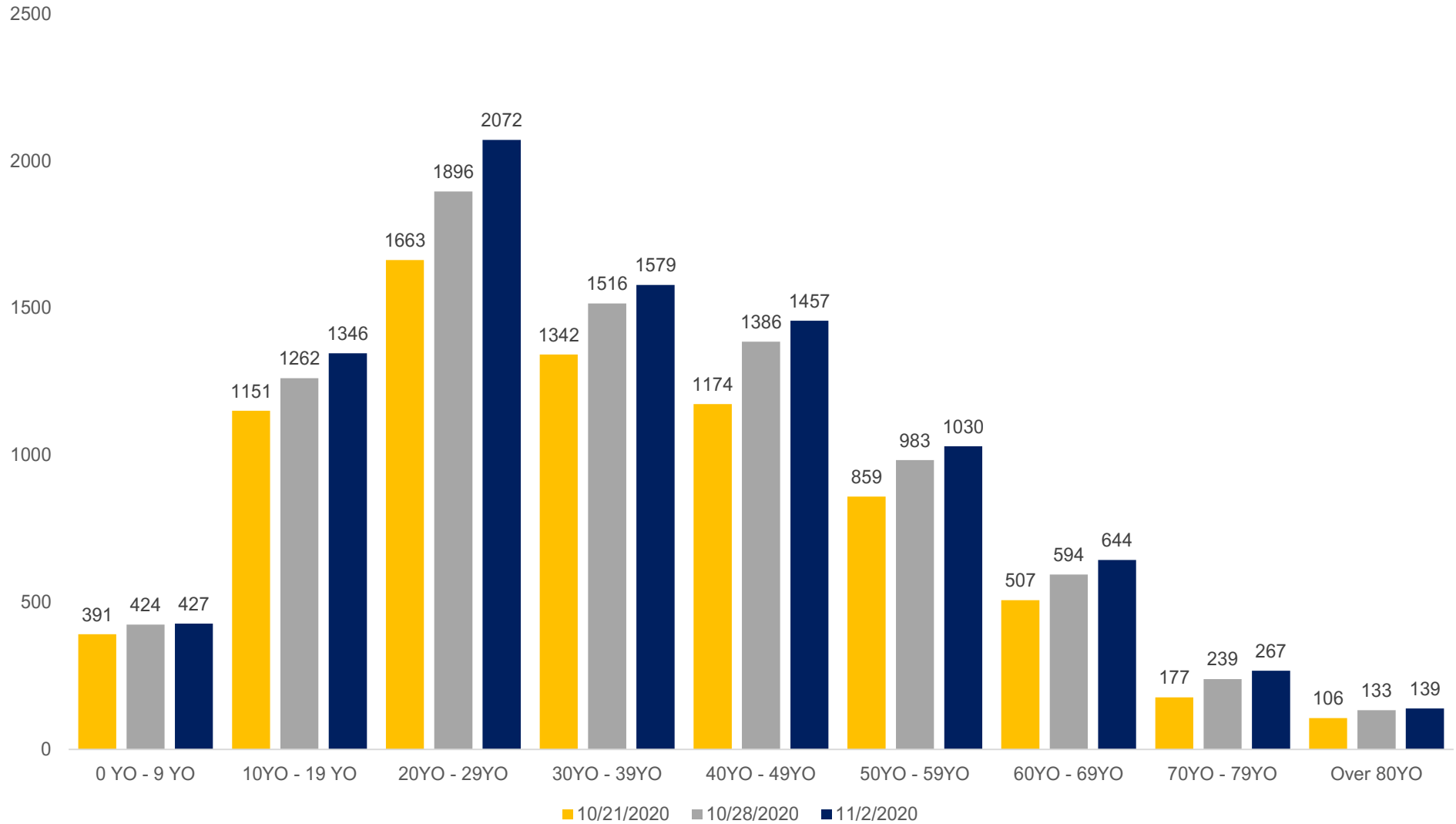
	Nov. 2	Oct. 25	Oct. 18
Case Rate Increase	 1.120%	 0.978%	1.188%
Hospitalization Rate	 4.543%	 4.665%	4.850%
Mortality Rate	 0.620%	 0.652%	0.701%
Doubling Rate	 62.2 Days	 71.2 Days	58.7 Days
Total People Tested	 437,093	 413,075	391,728
Positive Cases	 50,468	 45,522	41,238
Positivity Rate (Cumulative / Current)	11.46% / 19.27%	10.84% / 17.77%	10.44% / 16.37%

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.

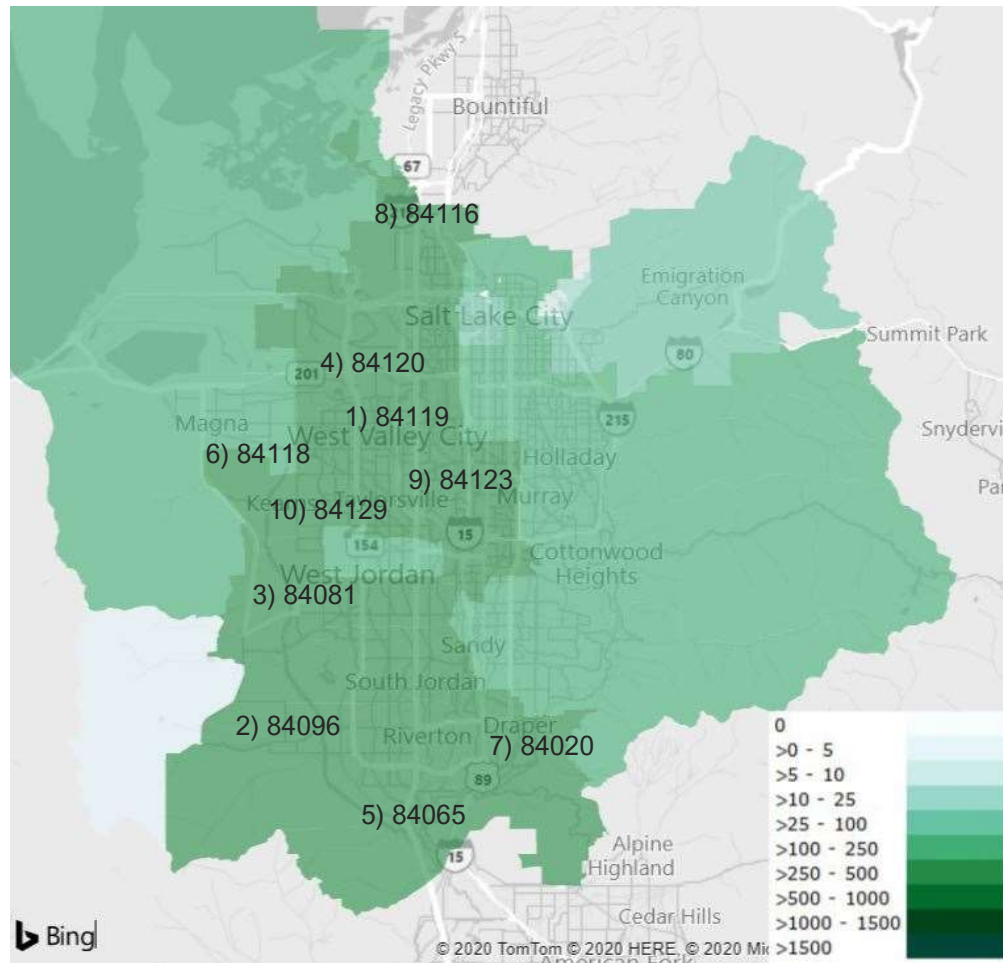
Test Analysis and Positivity: Salt Lake County



Age Distribution of Cases: Salt Lake County



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



Rank	ZIP Code	1-Nov
1	84119	500
2	84096	452
3	84081	428
4	84120	426
5	84065	421
6	84118	418
7	84020	392
8	84116	331
9	84123	324
10	84129	313

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