



# BRIEFING TO COUNTY COUNCIL

October 6, 2020

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Salt Lake County COVID-19 Response and Recovery

# Case Snapshot: Salt Lake County

		OCTOBER 4		SEPTEMBER 27		SEPTEMBER 23
TOTAL CASES	...	34,087	↑	31,088	↑	29,396
ESTIMATED CURRENT CASES	...	5,402	↑	4,825	↑	3,784
ESTIMATED RECOVERED CASES	...	28,426	↑	26,012	↑	25,365
KNOWN RELATED FATALITIES	...	259	↑	251	↑	247
HOSPITALIZED (CURRENT/TOTAL)	...	136 / 1,763	↑	133 / 1,675	↑	113 / 1,642

**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

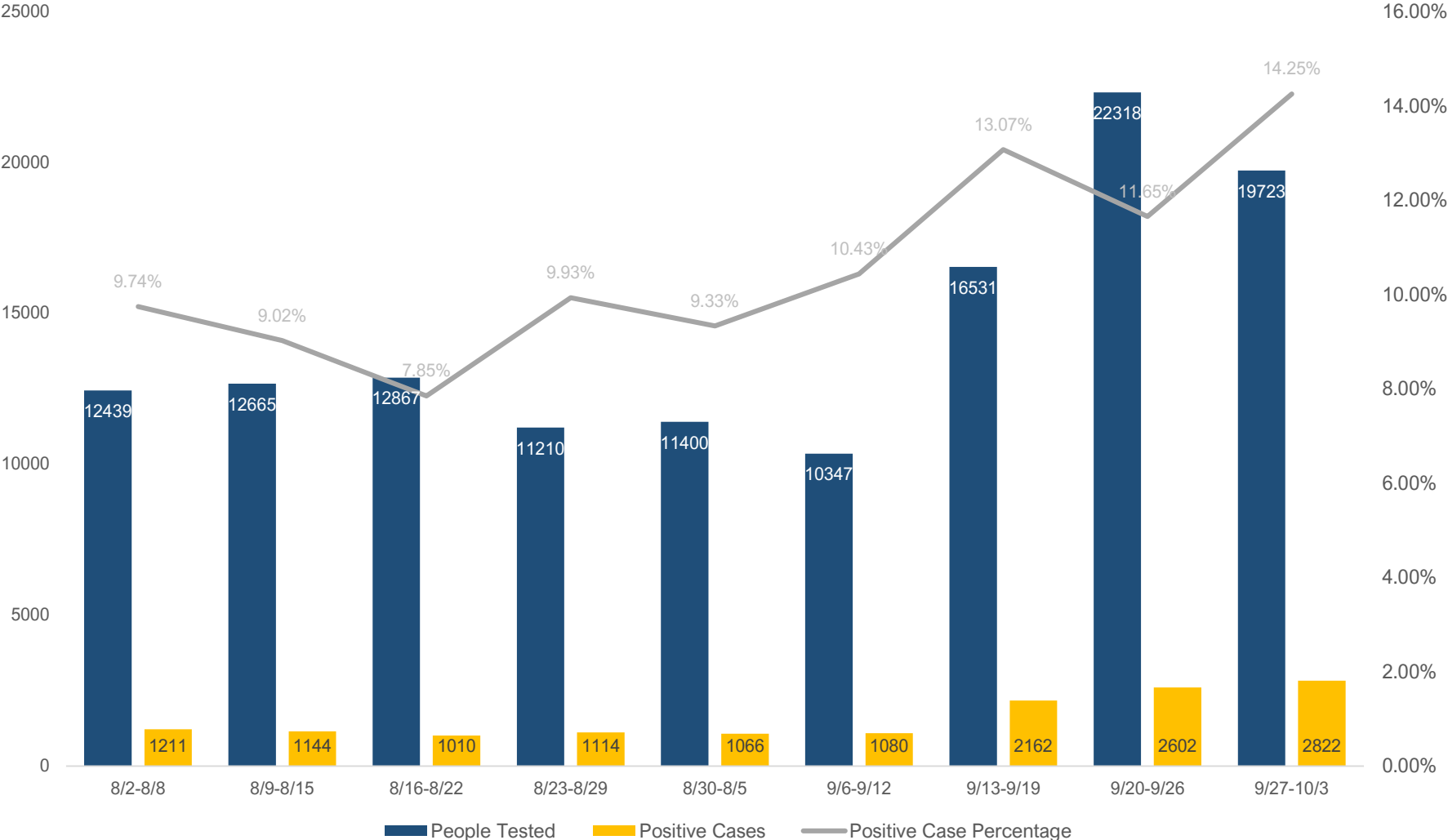
		OCTOBER 4		SEPTEMBER 27		SEPTEMBER 23
CASE RATE INCREASE	...	1.392%	↑	0.942%	↑	1.366%
HOSPITALIZATION RATE	...	5.169%	↓	5.385%	↓	5.586%
MORTALITY RATE	...	0.757%	↓	0.804%	↓	0.840%
DOUBLING RATE	...	50.1 Days	↓	74.0 Days	↑	51.1 Days
TOTAL PEOPLE TESTED	...	347,9039	↑	328,429	↑	314,329
POSITIVE CASES	...	34,087	↑	31,088	↑	29,396
POSITIVITY RATE	...	9.79%	↑	9.46%	↑	9.35%

**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.

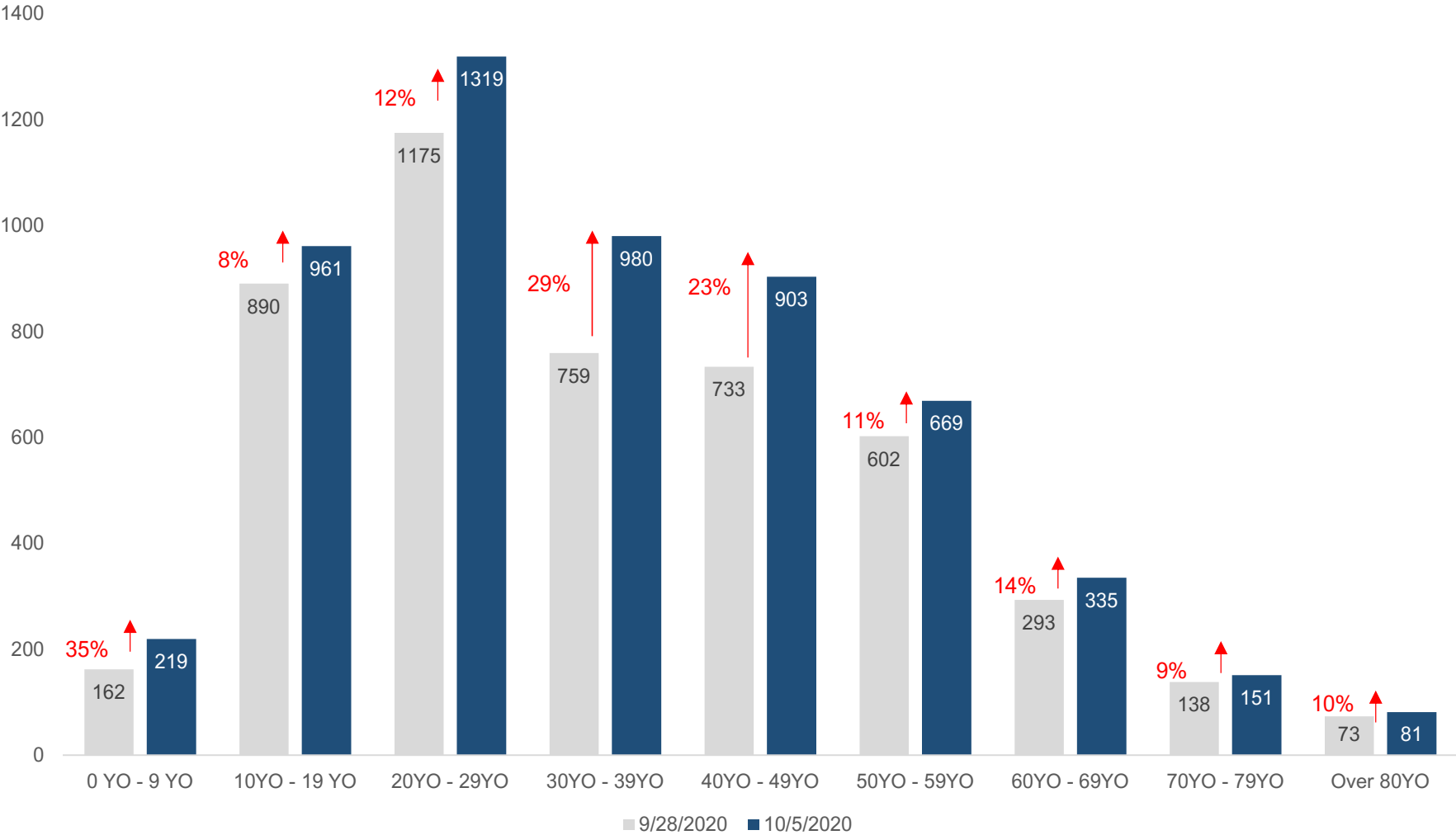
# Current Cases Viral Surveillance by Place by ZIP Code: Salt Lake County

		OCT. 4 – CRUDE	SEPT. 27 – CRUDE		OCT. 4– CASE	SEPT. 27 – CASE
1	←	84113 (8571.43)	84113 (7346.94)	←	84020 (526)	84020 (400)
2	←	84101 (1239.24)	84101 (987.19)	←	84096 (340)	84096 (247)
3	←	84020 (1109.66)	84020 (843.85)	←	84081 (265)	84081 (214)
4	↑	84096 (707.43)	84104 (691.88)	←	84120 (242)	84120 (198)
5	↑	84112 (703.87)	84102 (657.49)	↑	84118 (239)	84119 (182)
6	↑	84118 (605.78)	84112 (553.04)	↑	84065 (224)	84104 (180)
7	↑	84065 (586.88)	84093 (544.80)	↓	84119 (220)	84065 (179)
8	↓	84104 (584.26)	84096 (513.93)	↑	84088 (204)	84095 (168)
9	↑	84128 (526.68)	84065 (468.98)	↓	84095 (199)	84088 (163)
10	↑	84081 (562.28)	84115 (463.70)	↑	84084 (175)	84118 (160)

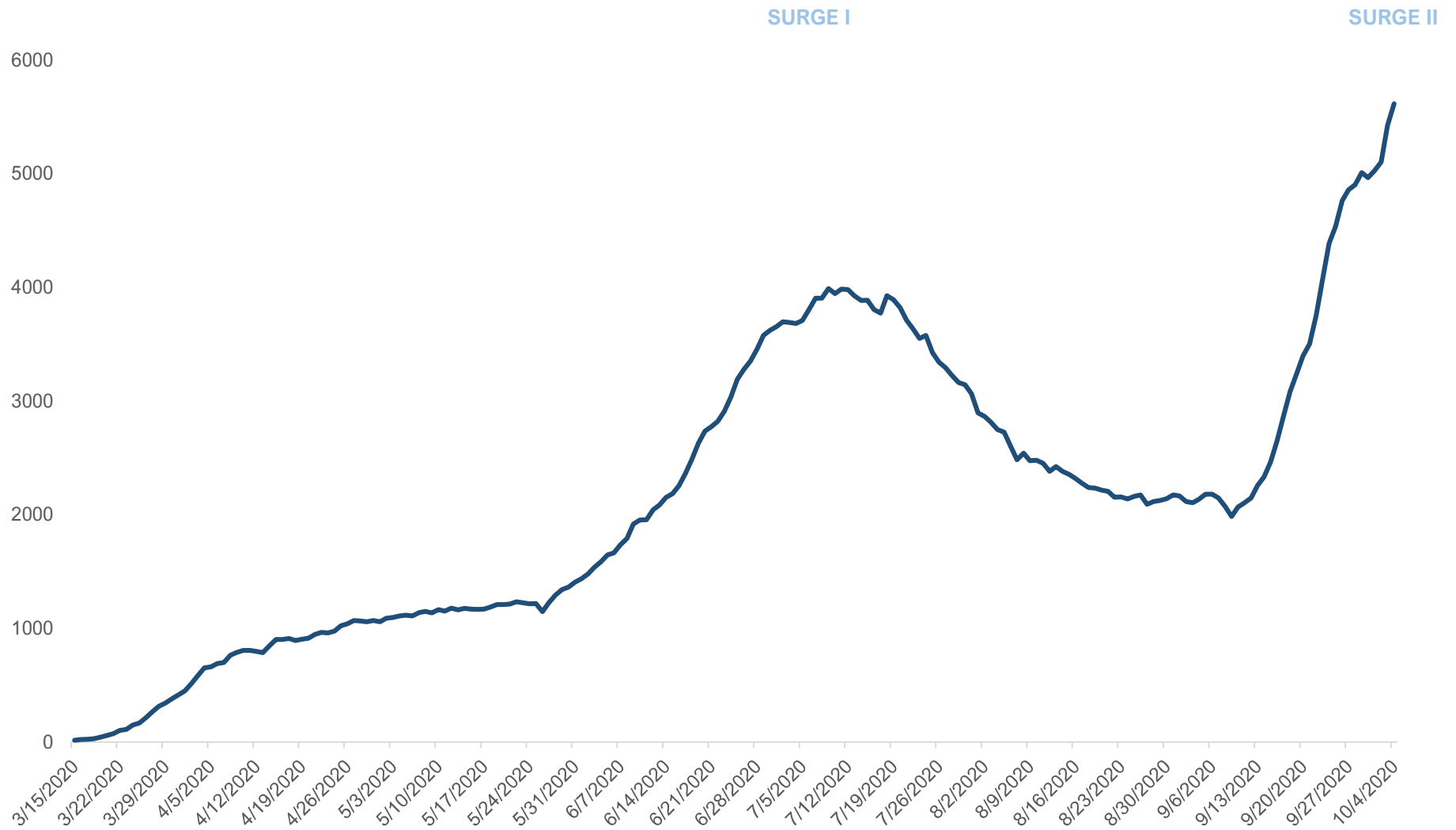
# Test Analysis and Positivity: Salt Lake County



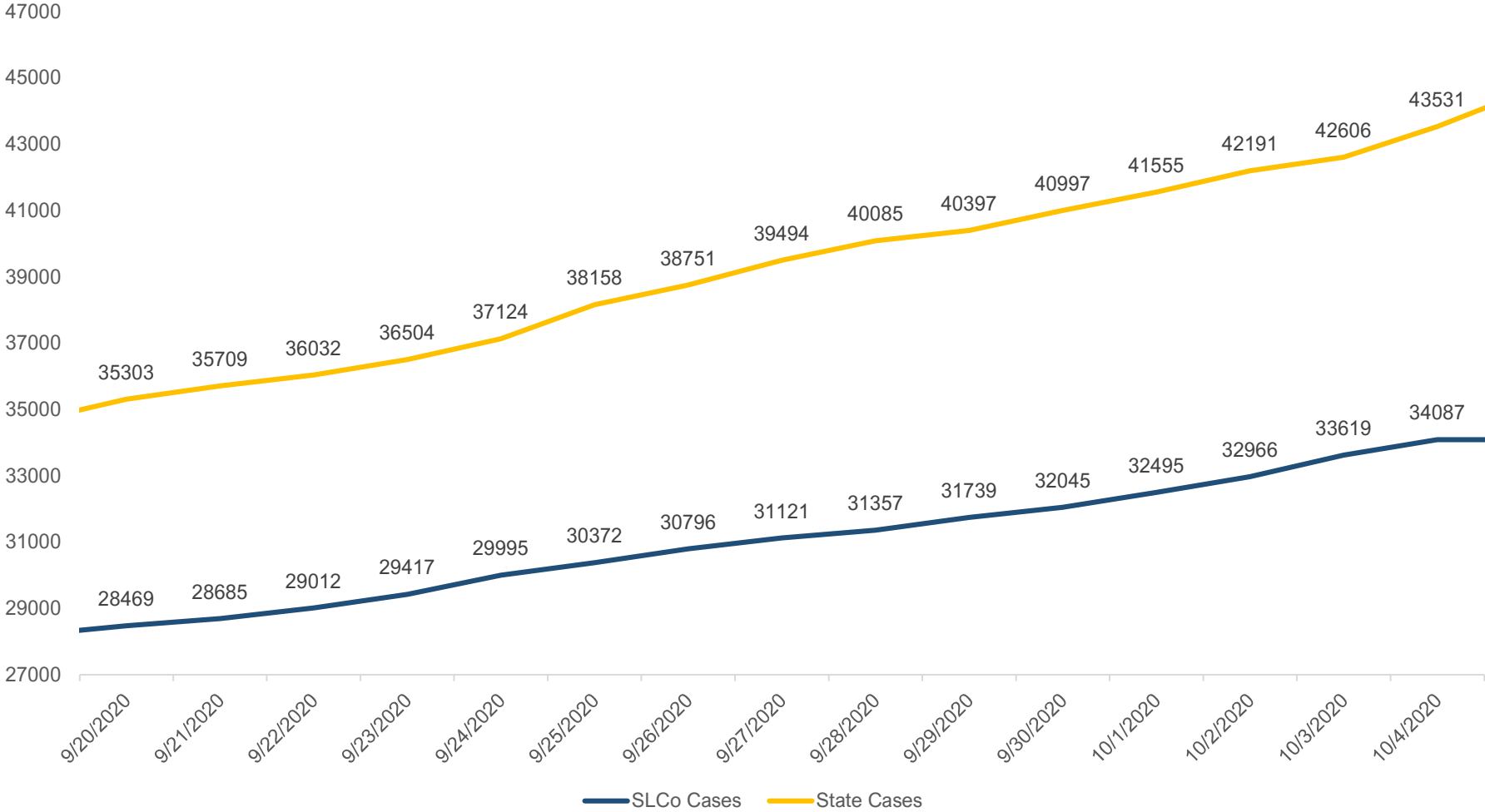
# Current Cases by Age Group: September 27 and October 4



# Active Case Curve: Salt Lake County

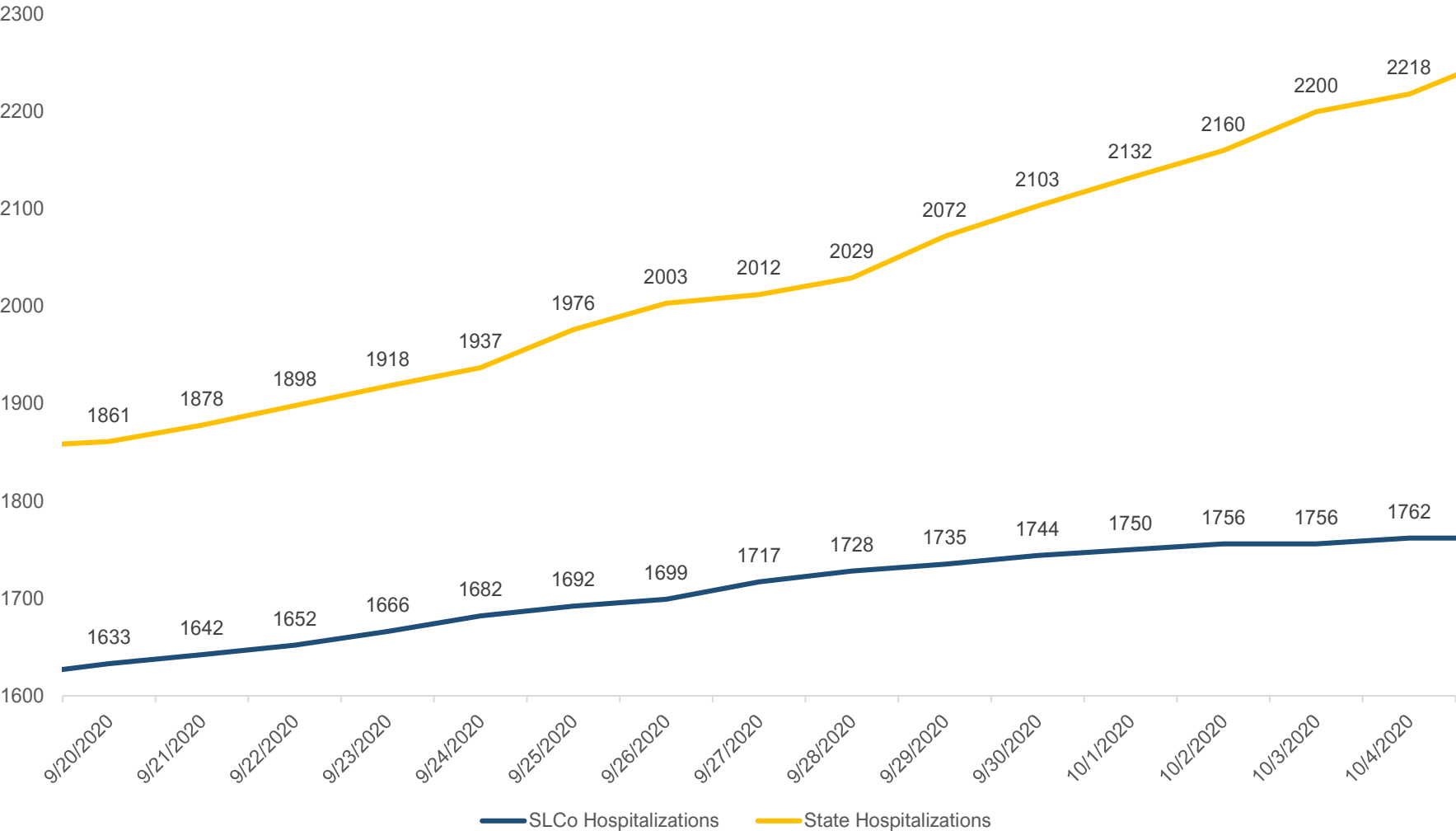


# Daily Cumulative Confirmed Cases: Salt Lake County (SLCo) / Rest of Counties in State (State)





# Cumulative Hospitalization Confirmed Cases: Salt Lake County (SLCo) / Rest of Counties in State (State)



**Description:** The blue line indicates the cumulative hospitalization number of COVID-19 cases in Salt Lake County since March 4, 2020. The orange line indicates the cumulative hospitalization number of COVID-19 cases in all counties in the State of Utah except Salt Lake County. Data captured on October 5, 2020.