

Briefing to County Council

October 6, 2020

David Schuld

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 1	 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 2	27	SEPTEMBER 23
CASE RATE INCREASE	 1.392%	1	•••	0.942%		 1.366%
HOSPITALIZATION RATE	 5.169%	1		5.385%	ļ	 5.586%
MORTALITY RATE	 0.757%	1		0.804%		 0.840%
DOUBLING RATE	 50.1 Days	1		74.0 Days 1		 51.1 Days
TOTAL PEOPLE TESTED	 347,9039	1		328,429		 314,329
Positive Cases	 34,087	1	•••	31,088		 29,396
POSITIVITY RATE	 9.79%	1		9.46%		 9.35%



Description: The case rate increase is the number of cases is the factor by which a quantity multiples 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.

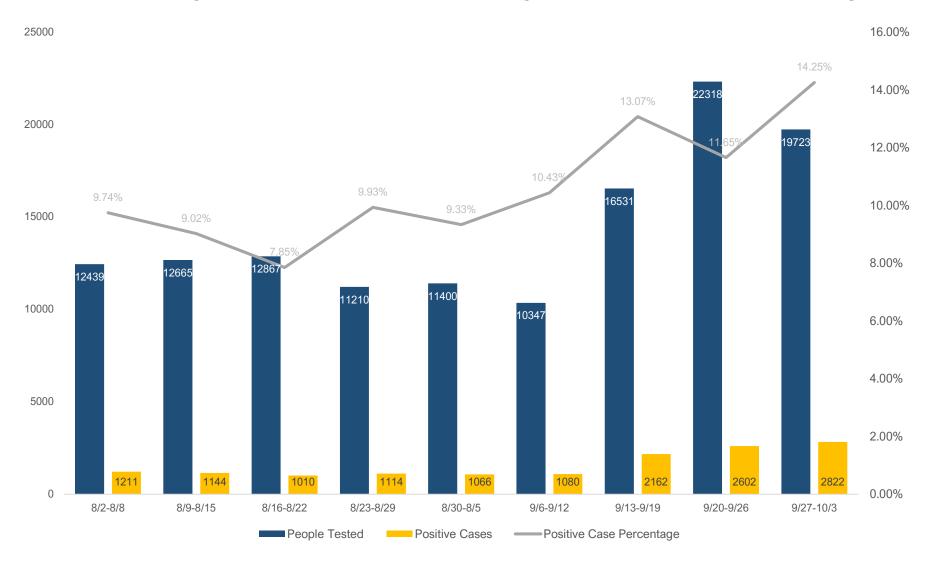
Current Cases Viral Surveillance by Place by ZIP Code: Salt Lake County

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



Description: The **crude rate** visualizes the number of cases in a certain ZIP code is all ZIP codes would have a population of 100,000 people. The **cases** indicates the total number of confirmed cases in a certain ZIP code. Information is for current cases (positive cases within the last 14 days), allowing for the movement of COVID-19 to be understood. Top 10 from the past week is included for comparative analysis. Arrows indicated place position movement in Top 10.

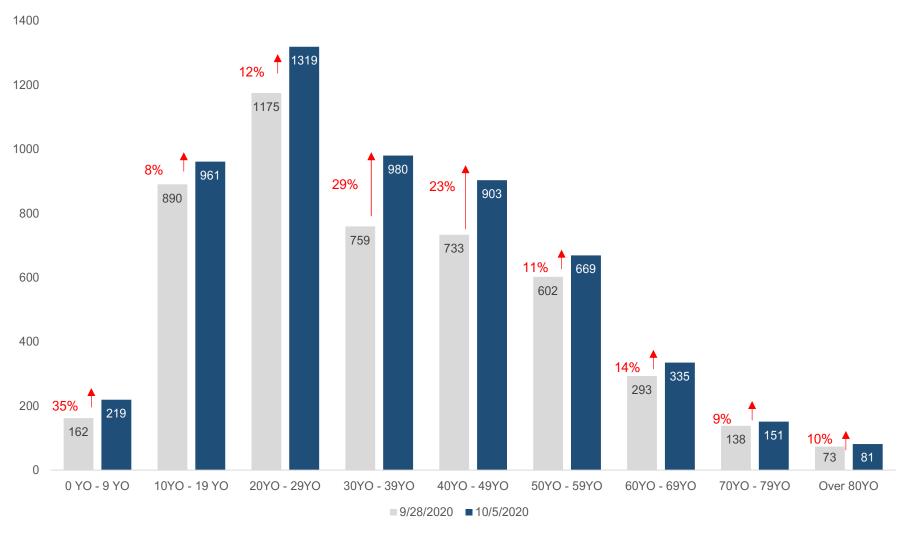
Test Analysis and Positivity: Salt Lake County





Description: Blue bars are number of people tested per week (Sunday to Saturday). Orange bar indicated number of people positive with COVID-19. Gray line indicates change in positivity rate. Data captured on October 5, 2020.

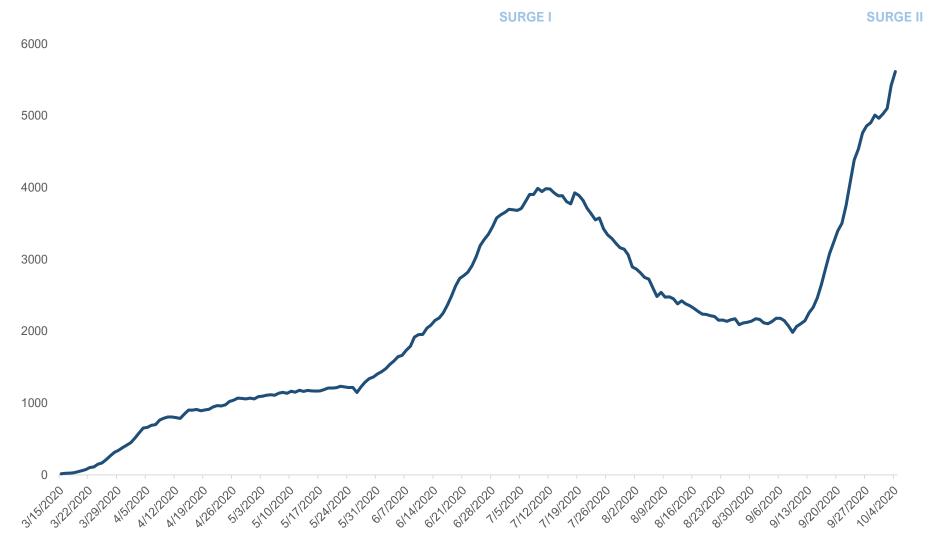
Current Cases by Age Group: September 27 and October 4





Description: Data captured on September 28, 2020 and October 5, 2020.

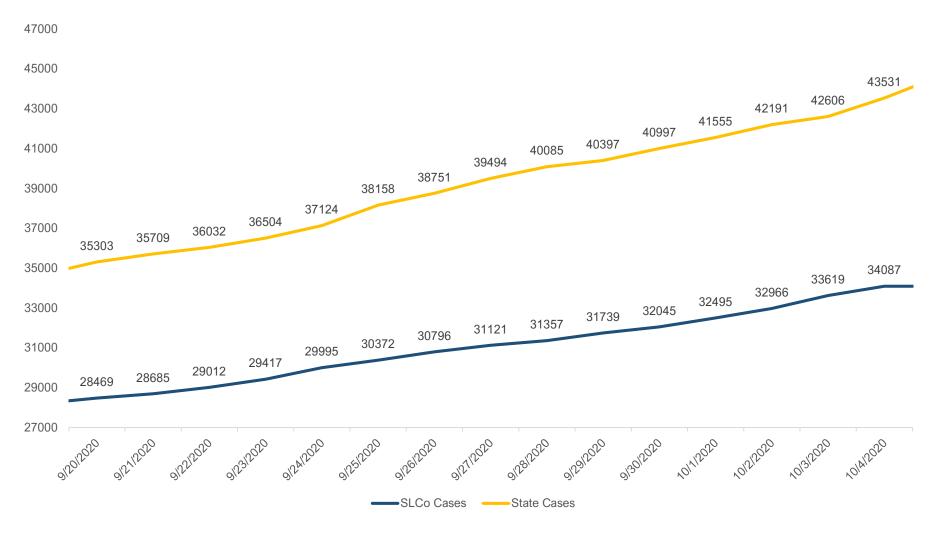
Active Case Curve: Salt Lake County





Description: Active case curve provides the total of all cases whose positive laboratory test was reported in the past 14 days (the incubation period of COVID-19), excluding deaths. Visualization includes important milestones and events. Data captured on October 5, 2020.

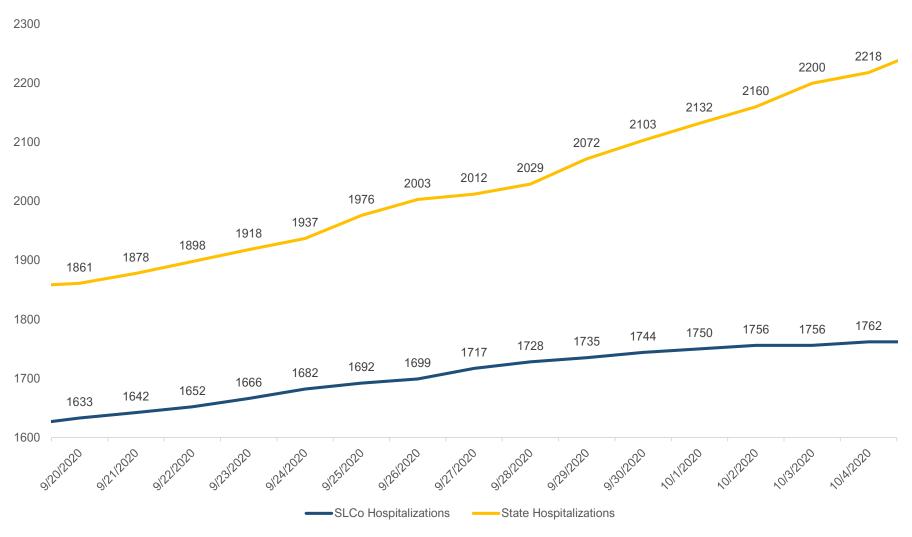
Daily Cumulative Confirmed Cases: Salt Lake County (SLCo) / Rest of Counties in State (State)





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

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.