BRIEFING TO COUNTY COUNCIL

September 29, 2020

David Schuld

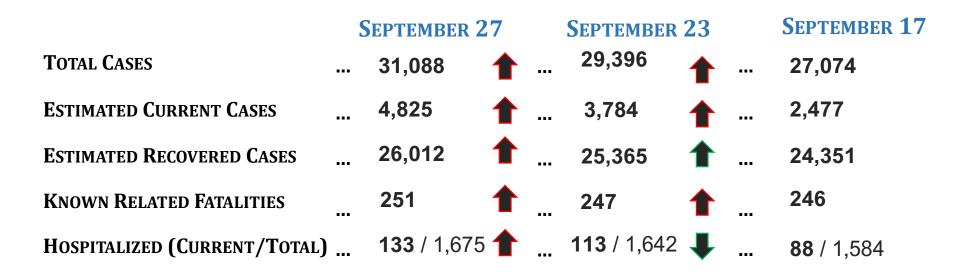Salt Lake County COVID-19 Response and Recovery

PRIORITY MESSAGES

- Like other areas in Utah, Salt Lake County is **experiencing a surge** of COVID-19 cases.

- This surge (Salt Lake County's second) began around September 7 (Labor Day).

- The State of Utah is seeing the **highest number of cases** since the pandemic began in March 2020.

- We are **experiencing high levels of testing**, including **6,133 tests** being completed on September 24 (the high day), **over twice the number of tests completed on high test days**.

- Age group distribution is shifting from younger age groups (still the largest groupings of cases) to older age groups.

- Face coverings (and the proper use of them) are an important tool to mitigate the further spread of COVID-19 and should be worn in non-household gatherings whether they take place indoor and outdoor and when social distancing is not viable.

- Limiting interactions with others further mitigates the risk of spread.

- Staying home when ill and practicing good hygiene (like washing hands) also helps in mitigating spread.
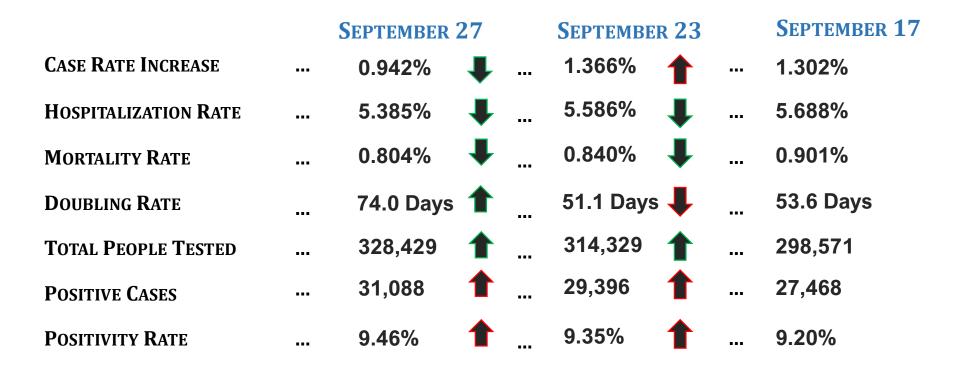
SALT LAKE COUNTY
COVID-19 RESPONSE AND RECOVERY

Health Data Report

SALT LAKE COUNTY

COVID-19 RESPONSE AND RECOVERY

Case Snapshot: Salt Lake County

	SEPTEMBER 27			SEPTEMBER 23			SEPTEMBER 17
TOTAL CASES	... 31,088	⬆	...	29,396	⬆	...	27,074
ESTIMATED CURRENT CASES	... 4,825	⬆	...	3,784	⬆	...	2,477
ESTIMATED RECOVERED CASES	... 26,012	⬆	...	25,365	⬆	...	24,351
KNOWN RELATED FATALITIES	... 251	⬆	...	247	⬆	...	246
HOSPITALIZED (CURRENT/TOTAL)	... 133 / 1,675	⬆	...	113 / 1,642	⬇	...	88 / 1,584

SL SALT LAKE COUNTY
COVID-19 RESPONSE AND RECOVERY

Infection Snapshot: Salt Lake County

	SEPTEMBER 27			SEPTEMBER 23			SEPTEMBER 17
CASE RATE INCREASE	... 0.942%	⬇	...	1.366%	⬆	...	1.302%
HOSPITALIZATION RATE	... 5.385%	⬇	...	5.586%	⬇	...	5.688%
MORTALITY RATE	... 0.804%	⬇	...	0.840%	⬇	...	0.901%
DOUBLING RATE	... 74.0 Days	⬆	...	51.1 Days	⬇	...	53.6 Days
TOTAL PEOPLE TESTED	... 328,429	⬆	...	314,329	⬆	...	298,571
POSITIVE CASES	... 31,088	⬆	...	29,396	⬆	...	27,468
POSITIVITY RATE	... 9.46%	⬆	...	9.35%	⬆	...	9.20%

SALT LAKE COUNTY
COVID-19 RESPONSE AND RECOVERY

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. Data captured on September 28, 2020.
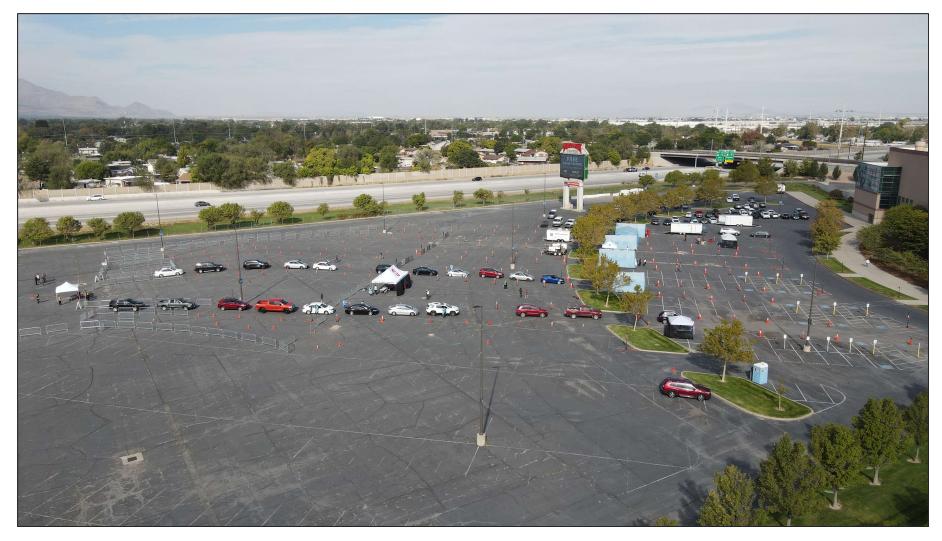
Current Cases Viral Surveillance by Place by ZIP Code: Salt Lake County

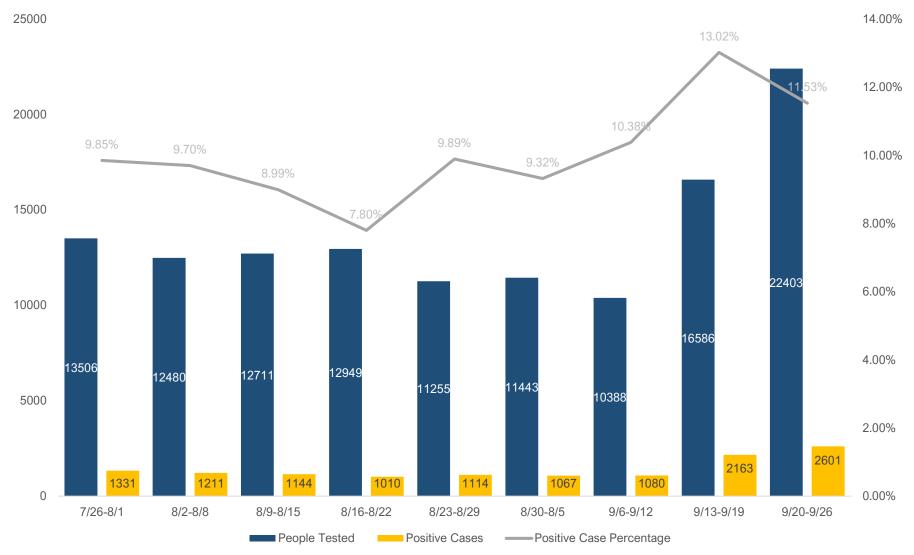|		SEPT. 27 – CRUDE	SEPT. 23 – CRUDE		SEPT. 27 – CASE	SEPT. 23 – CASE
1	←	84113 (7346.94)	84113 (8,163.27)	←	84020 (400)	84020 (330)
2	↑	84101 (987.19)	84020 (696.17)	←	84096 (247)	84096 (186)
3	↓	84020 (843.85)	84101 (693.19)	↑	84081 (214)	84104 (154)
4	←	84104 (691.88)	84104 (591.94)	↑	84120 (198)	84119 (151)
5	↑	84102 (657.49)	84112 (553.04)	↓	84119 (182)	84081 (146)
6	↓	84112 (553.04)	84102 (552.52)	↓	84104 (180)	84120 (142)
7	←	84093 (544.80)	84093 (455.42)	↑	84065 (179)	84095 (141)
8	↑	84096 (513.93)	84115 (448.86)	↓	84095 (168)	84065 (131)
9	↑	84065 (468.98)	84109 (409.03)	↑	84088 (163)	84047 (122)
10	↓	84115 (463.70)	84096 (387.01)	↑	84118 (160)	84115 (121)

SALT LAKE COUNTY
COVID-19 RESPONSE AND RECOVERY

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. Data captured on September 28, 2020.

Testing: Salt Lake County

Test Analysis and Positivity: Salt Lake County

Legend: People Tested · Positive Cases · Positive Case Percentage

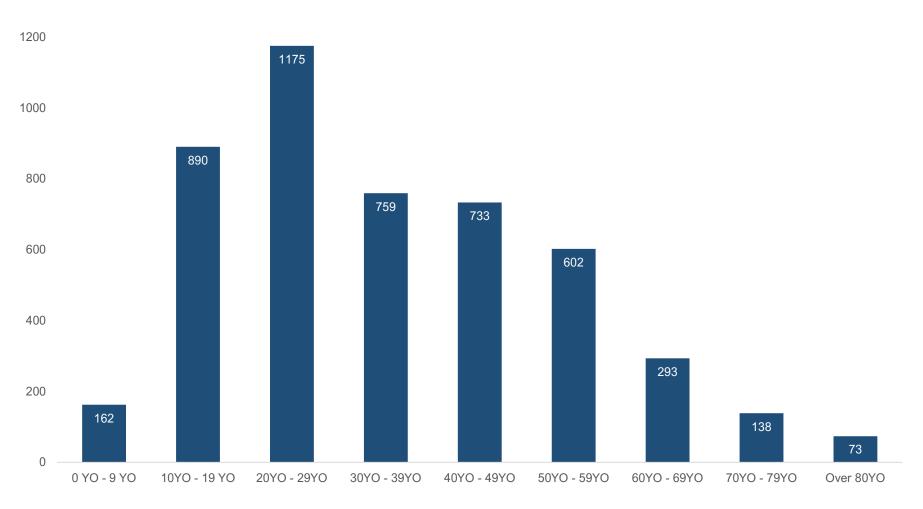| Week	People Tested	Positive Cases	Positive Case Percentage
7/26-8/1	13506	1331	9.85%
8/2-8/8	12480	1211	9.70%
8/9-8/15	12711	1144	8.99%
8/16-8/22	12949	1010	7.80%
8/23-8/29	11255	1114	9.89%
8/30-9/5	11443	1067	9.32%
9/6-9/12	10388	1080	10.38%
9/13-9/19	16586	2163	13.02%
9/20-9/26	22403	2601	11.53%

SALT LAKE COUNTY
COVID-19 RESPONSE AND RECOVERY

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 September 28, 2020.

Current Cases by Age Group

	0 YO - 9 YO	10YO - 19 YO	20YO - 29YO	30YO - 39YO	40YO - 49YO	50YO - 59YO	60YO - 69YO	70YO - 79YO	Over 80YO
Cases	162	890	1175	759	733	602	293	138	73

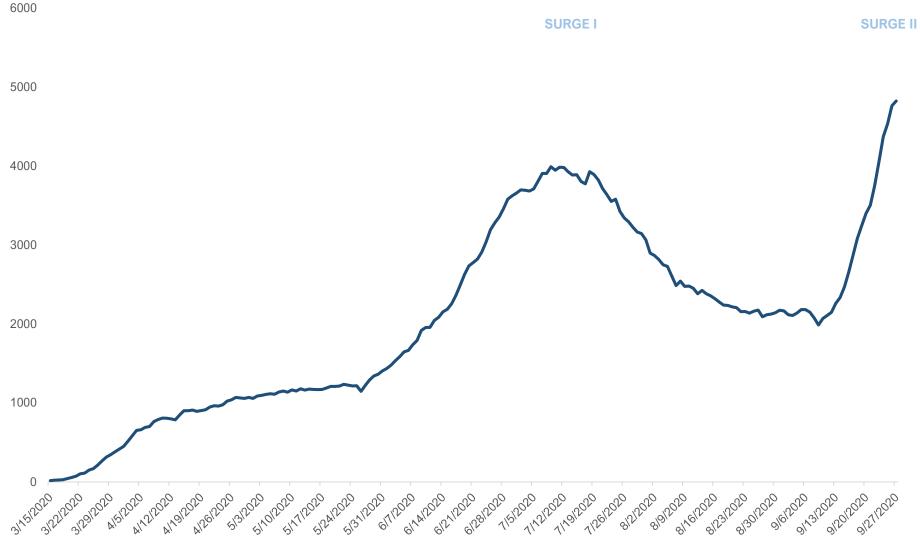**SALT LAKE COUNTY**
COVID-19 RESPONSE AND RECOVERY

Description:. Data captured on September 28, 2020. Current cases run from September 14 to September 27, 2020.

Active Case Curve: Salt Lake County

SURGE I

SURGE II

6000

5000

4000

3000

2000

1000

0

3/15/2020 3/22/2020 3/29/2020 4/5/2020 4/12/2020 4/19/2020 4/26/2020 5/3/2020 5/10/2020 5/17/2020 5/24/2020 5/31/2020 6/7/2020 6/14/2020 6/21/2020 6/28/2020 7/5/2020 7/12/2020 7/19/2020 7/26/2020 8/2/2020 8/9/2020 8/16/2020 8/23/2020 8/30/2020 9/6/2020 9/13/2020 9/20/2020 9/27/2020

SALT LAKE COUNTY
COVID-19 RESPONSE AND RECOVERY
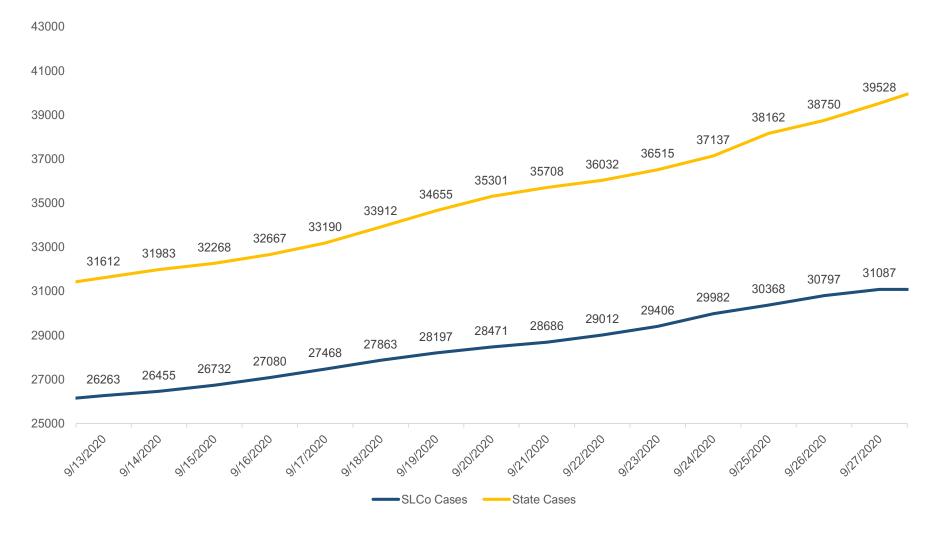
Description: Active case curve provides the total of all cases whose positive laboratory test was reported in the past 14 days (the incubation period of COVID-19), excluding deaths. Visualization includes important milestones and events. Data captured on September 28, 2020.
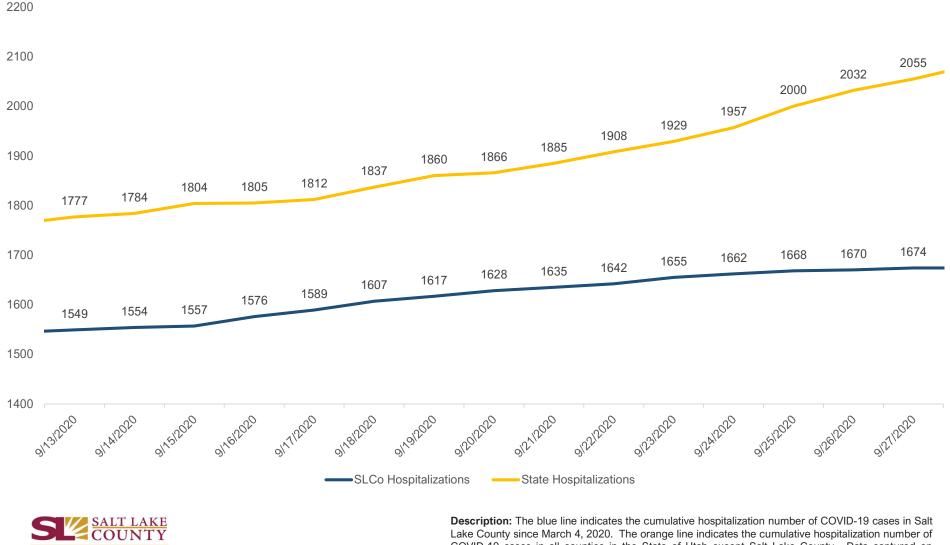
Daily Cumulative Confirmed Cases: Salt Lake County (SLCo) / Rest of Counties in State (State)

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 September 28, 2020.

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

State Hospitalizations (yellow line): 1777, 1784, 1804, 1805, 1812, 1837, 1860, 1866, 1885, 1908, 1929, 1957, 2000, 2032, 2055

SLCo Hospitalizations (blue line): 1549, 1554, 1557, 1576, 1589, 1607, 1617, 1628, 1635, 1642, 1655, 1662, 1668, 1670, 1674

X-axis: 9/13/2020, 9/14/2020, 9/15/2020, 9/16/2020, 9/17/2020, 9/18/2020, 9/19/2020, 9/20/2020, 9/21/2020, 9/22/2020, 9/23/2020, 9/24/2020, 9/25/2020, 9/26/2020, 9/27/2020

Legend: —SLCo Hospitalizations —State Hospitalizations

SALT LAKE COUNTY
COVID-19 RESPONSE AND RECOVERY

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 September 28, 2020.