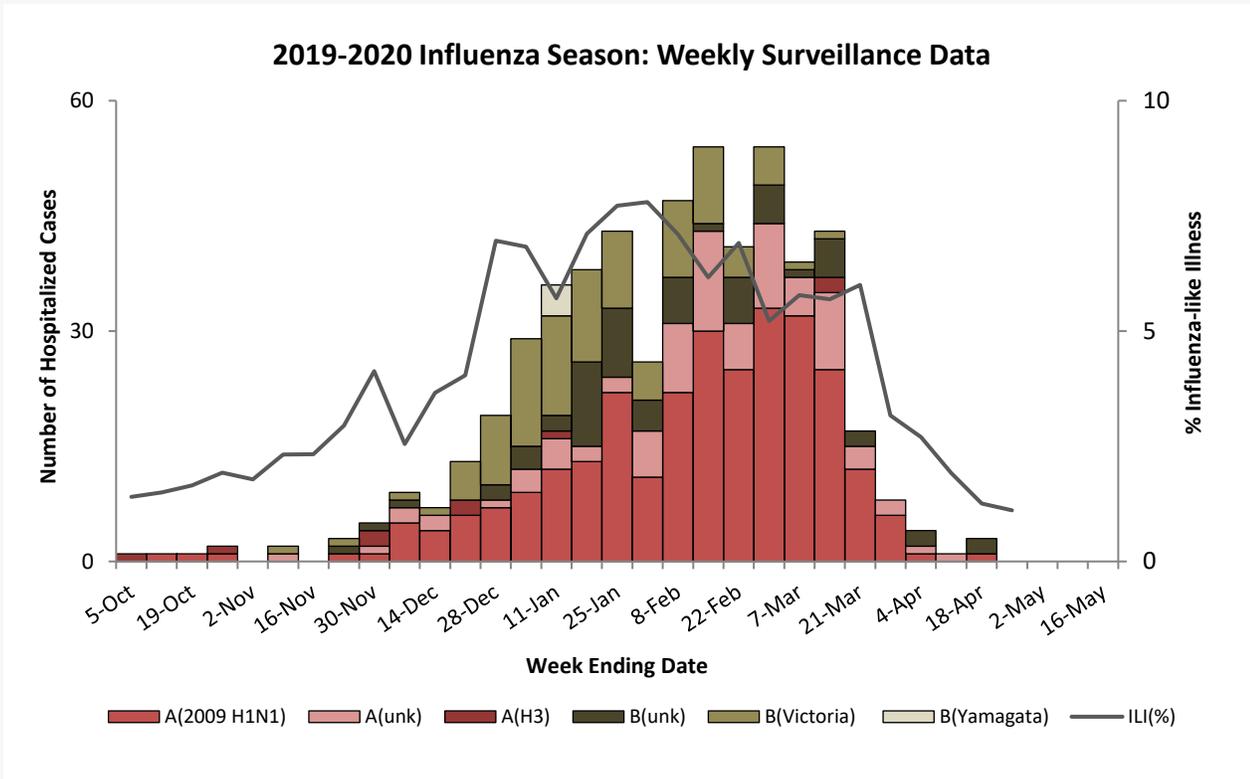


Salt Lake County Weekly Influenza Surveillance Report

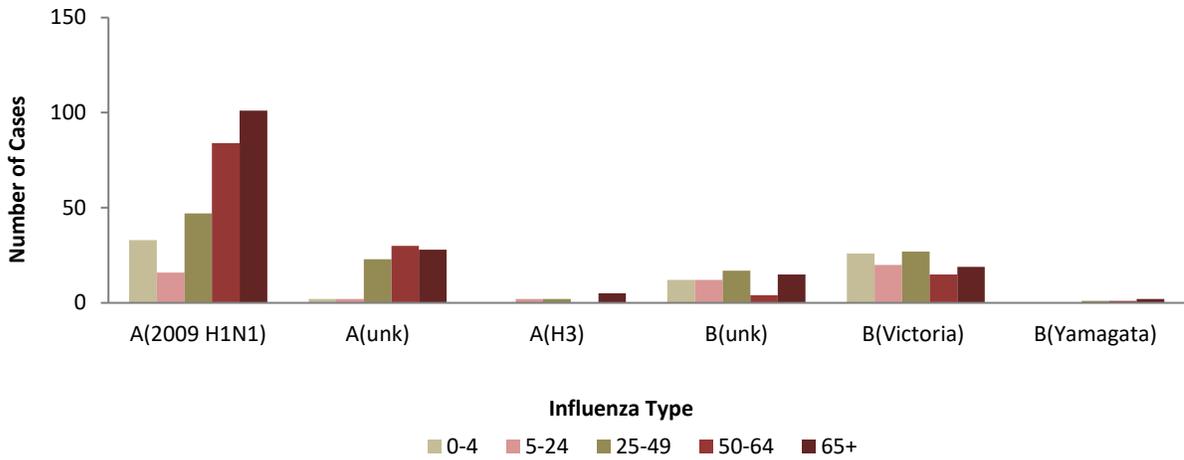
Epidemiology Bureau

Week 17: April 19 – April 25

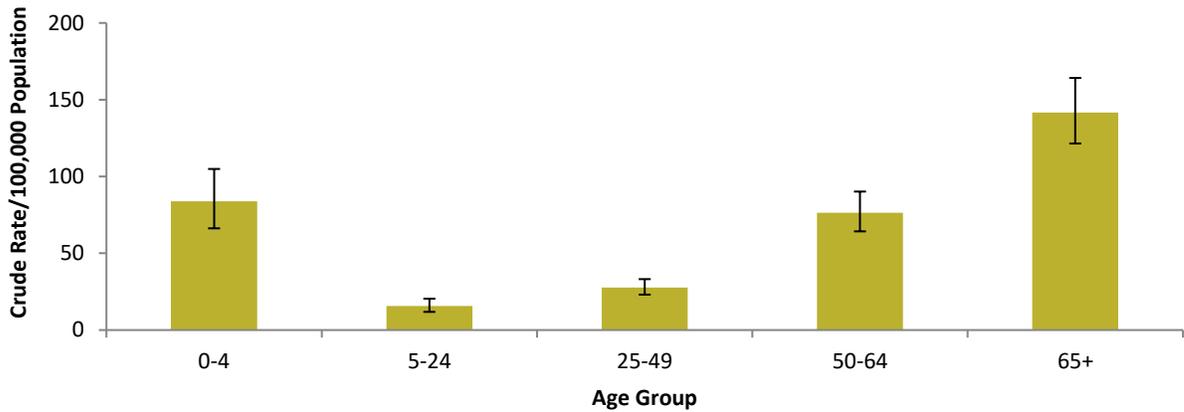
| INFLUENZA SUBTYPE | HOSPITALIZED INFLUENZA CASES | INFLUENZA RELATED DEATHS |
|--------------------|------------------------------|--------------------------|
| INFLUENZA A | | |
| H3N2 | 9 | 2 |
| 2009 H1N1 | 281 | 9 |
| UNKNOWN | 85 | 4 |
| INFLUENZA B | | |
| YAMAGATA | 4 | |
| VICTORIA | 107 | 4 |
| UNKNOWN | 60 | 1 |
| UNKNOWN | | |
| TOTAL | 546 | 20 |



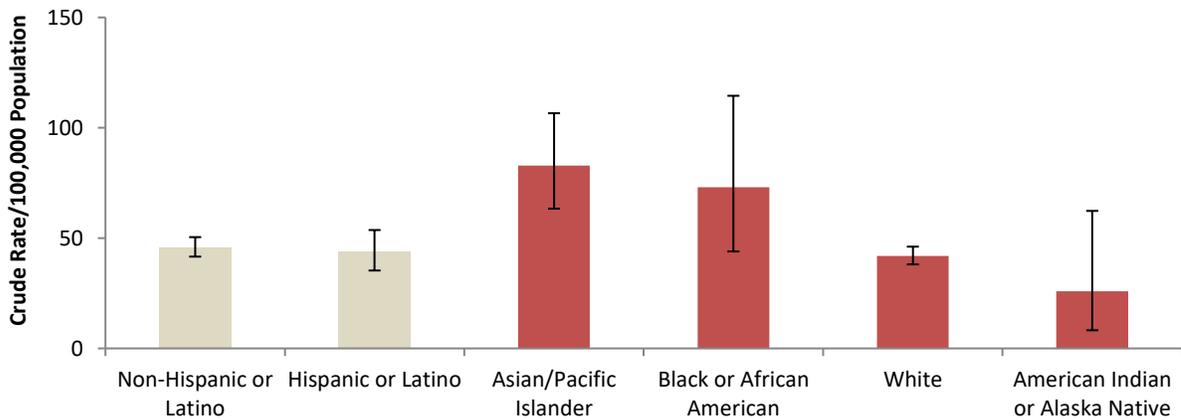
Hospitalized Influenza Cases by Type per Age Group, Salt Lake County



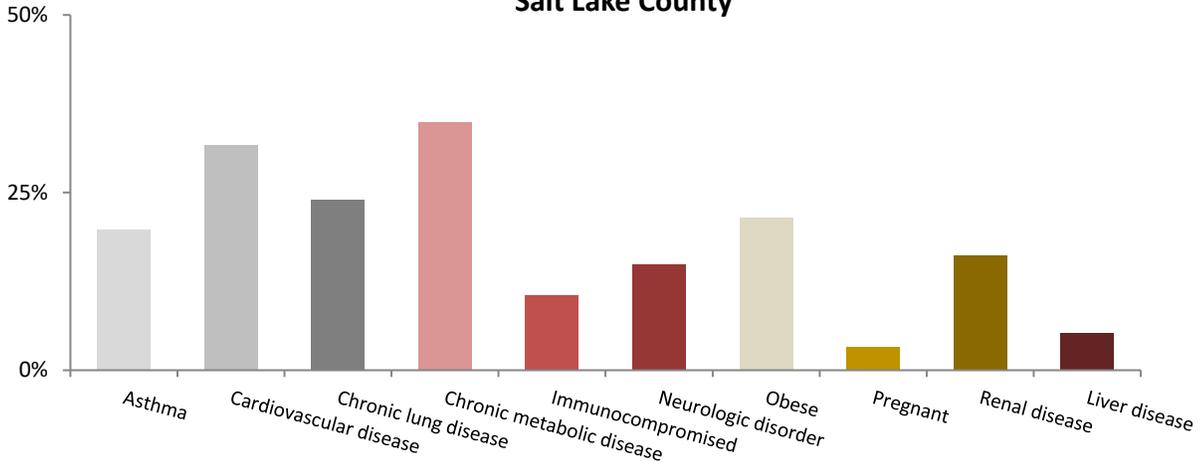
Hospitalized Influenza Rates by Age Group Salt Lake County



Hospitalized Influenza Rates by Race & Ethnicity Salt Lake County



Underlying Medical Conditions Among Hospitalized Influenza Patients Salt Lake County



Influenza Season Severity Assessment Comparison: Salt Lake County, Utah and the United States

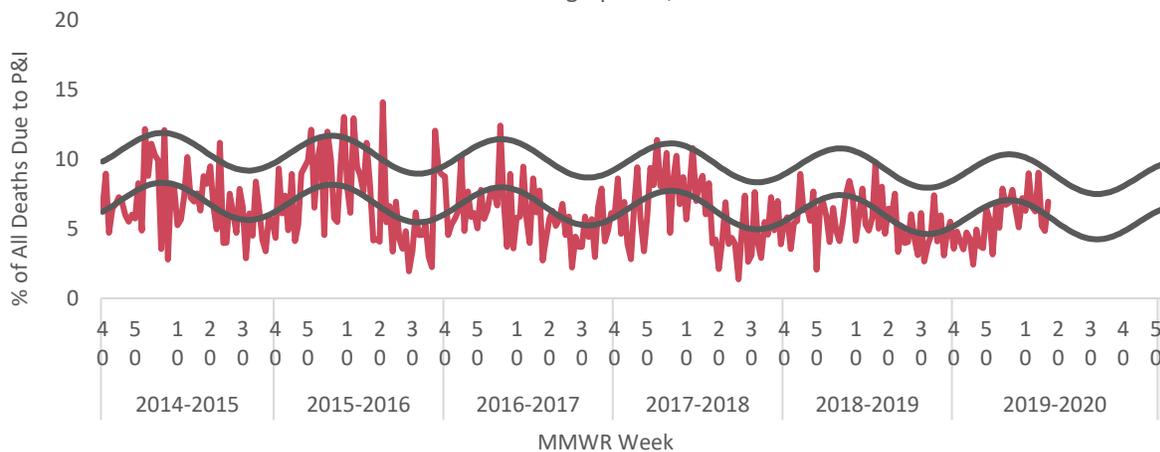
| | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 |
|------------------|----------|-----------|----------|----------|---------|----------|---------|
| Salt Lake County | Moderate | Very High | Moderate | Moderate | High | Moderate | Low |
| Utah | Moderate | High | Moderate | Moderate | High | High | Low |
| United States | Moderate | High | Moderate | Moderate | High | | |

*Reference <https://www.cdc.gov/flu/professionals/classifies-flu-severity.htm> for threshold methodology
 *Salt Lake County indicators used for severity assessment include deaths (influenza-related deaths), outpatient cases (influenza-like illness from Germwatch) and inpatient cases (influenza-related hospitalizations from FluSurv-NET).
 * For Utah indicators see: <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>
 *US indicators used for severity assessment include outpatient cases (influenza-like illness from ILINET), inpatient cases (influenza-related hospitalizations from FluSurv-NET) and deaths (influenza and pneumonia related deaths from NCHS).

| Age Group | Total Cases | % Vaccinated | % ICU | % Vent | % Pneumonia | % Underlying Health Conditions |
|--------------|-------------|--------------|-----------|----------|-------------|--------------------------------|
| 0-4 | 73 | 41 | 23 | 7 | 3 | 42 |
| 5-24 | 52 | 38 | 8 | 4 | 2 | 60 |
| 25-49 | 117 | 33 | 22 | 7 | 15 | 75 |
| 50-64 | 134 | 25 | 27 | 8 | 19 | 80 |
| 65+ | 170 | 54 | 18 | 7 | 21 | 91 |
| Total | 546 | 39 | 22 | 7 | 15 | 75 |

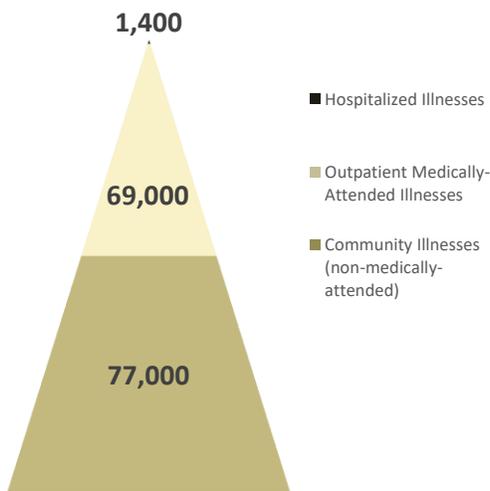
Pneumonia and Influenza Mortality for Salt Lake County

Week ending April 25, 2020

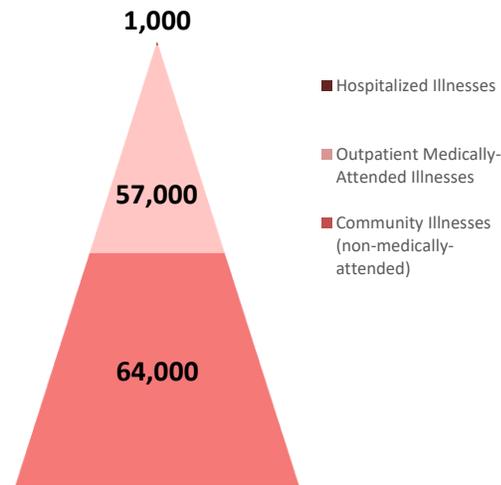


Salt Lake County Influenza Burden Estimates: Two Season Comparison

2018-19 Season



2019-20 Season



Above is a burden pyramid, displaying the current estimated burden of influenza throughout Salt Lake County. As of April 25, 2020, for the 2019-20 season, Salt Lake County is estimated to have had 1,000 hospitalized illnesses, 57,000 outpatient medical visits due to influenza and 64,000 symptomatic non-medically attended influenza illnesses. The methods used to calculate these estimates follow CDC's methodology* and incorporate Salt Lake County-specific influenza hospitalization testing practices to account for under-detection of hospitalized influenza illnesses.

* <https://www.cdc.gov/flu/about/burden/how-cdc-estimates.htm>

Data in this report is provisional