



## CORONAVIRUS DISEASE 2019 (COVID-19) OUTBREAK IN SAN JOAQUIN COUNTY UNDERSTANDING THE DATA, FACTS, AND PRECAUTIONS

**Status as of April 16, 2020 (Data is preliminary and subject to change)**

### DATA SNAPSHOT

- The number of cases of COVID-19 reported in San Joaquin County (SJC) continues to rise
- True numbers are not known as most cases are not tested.
- Averaging 13 new cases per day since March 20.
- COVID-19 is widespread throughout SJC.
- City data should be interpreted with caution as these individuals may have contracted the illness elsewhere.

	Number	Percentage of Total Cases
<b>Total Cases</b>	370	n/a
<b>Total Deaths</b>	17	4.6%
<b>AGE GROUP</b>		
0-17	3	0.8%
18-49	176	47.6%
50-64	124	33.5%
65+	67	18.1%
<b>GENDER</b>		
Male	184	49.7%
Female	186	50.3%
Unknown	0	0.0%
<b>CITY</b>		
Stockton	193	52.2%
Tracy	61	16.5%
Lodi	24	6.5%
Manteca	53	14.3%
Escalon	5	1.4%
Ripon	*	*
Lathrop	21	5.7%
Unincorporated	9	2.4%
Unknown	*	*
<b>RACE/ETHNICITY</b>		
American Indian or Alaska Native	1	0.3%
Asian	62	20.3%
African Americans/Blacks	24	7.8%
Hispanic/Latino	115	37.6%
Native Hawaiian or Pacific Islander	8	2.6%
White	82	26.8%
Other or Multiracial	14	4.6%

**Notes:**

\*City case numbers are suppressed (less than 5 cases)

Data Source: San Joaquin County Public Health Services

Produced by: San Joaquin County Public Health Services, Epidemiology

**Figure 1: COVID-19 Cases among San Joaquin County Residents – New and Total Cases by Date Reported**

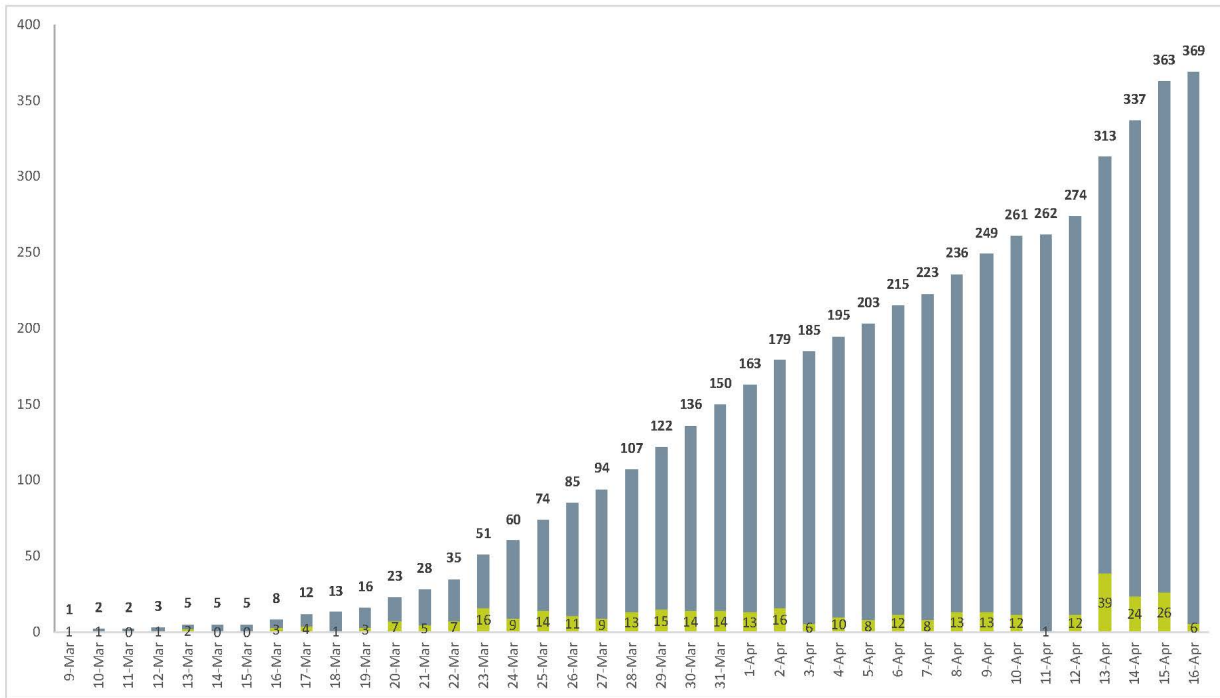


Figure 1. shows the number of COVID-19 cases which includes the total number of cases in blue and the new cases in green from March 9, 2020 through April 16, 2020.

Data Source: San Joaquin County Public Health Services

Produced by: San Joaquin County Public Health Services, Epidemiology

Stay up-to-date by visiting the SJC Public Health Services (PHS) social media accounts and website at [www.sjcphs.org](http://www.sjcphs.org)

**Figure 2: COVID-19 Deaths among San Joaquin County Residents – New and Total Cases by Date of Death**

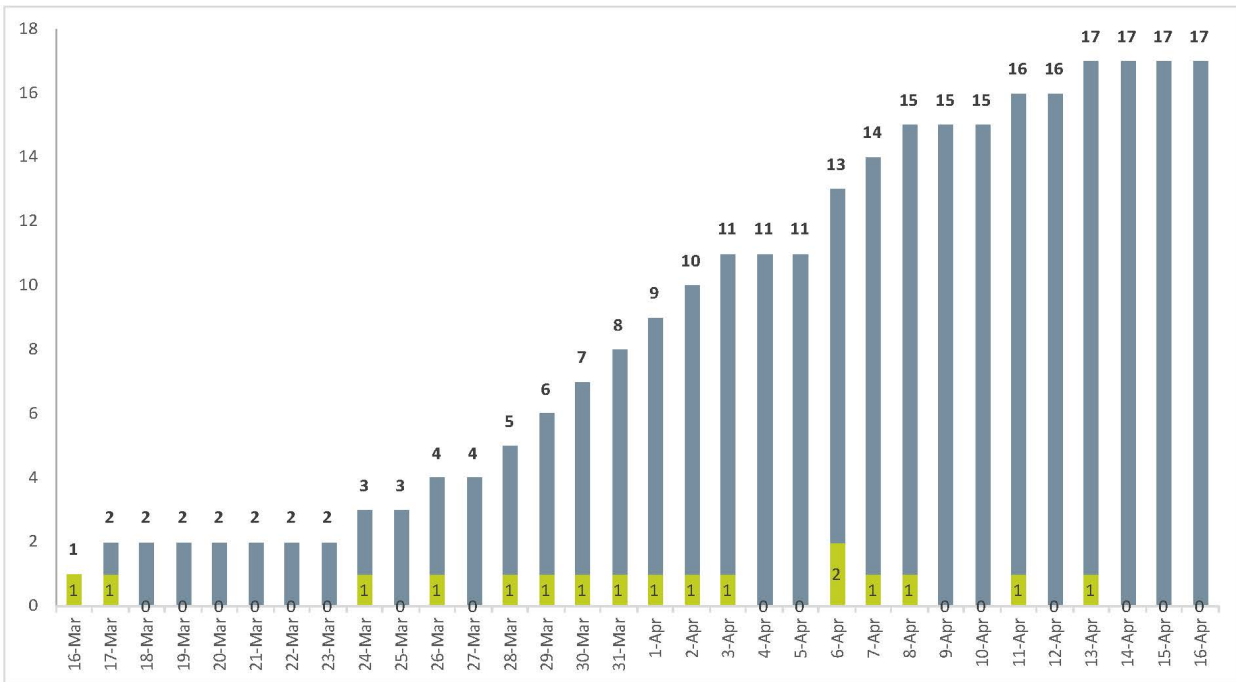


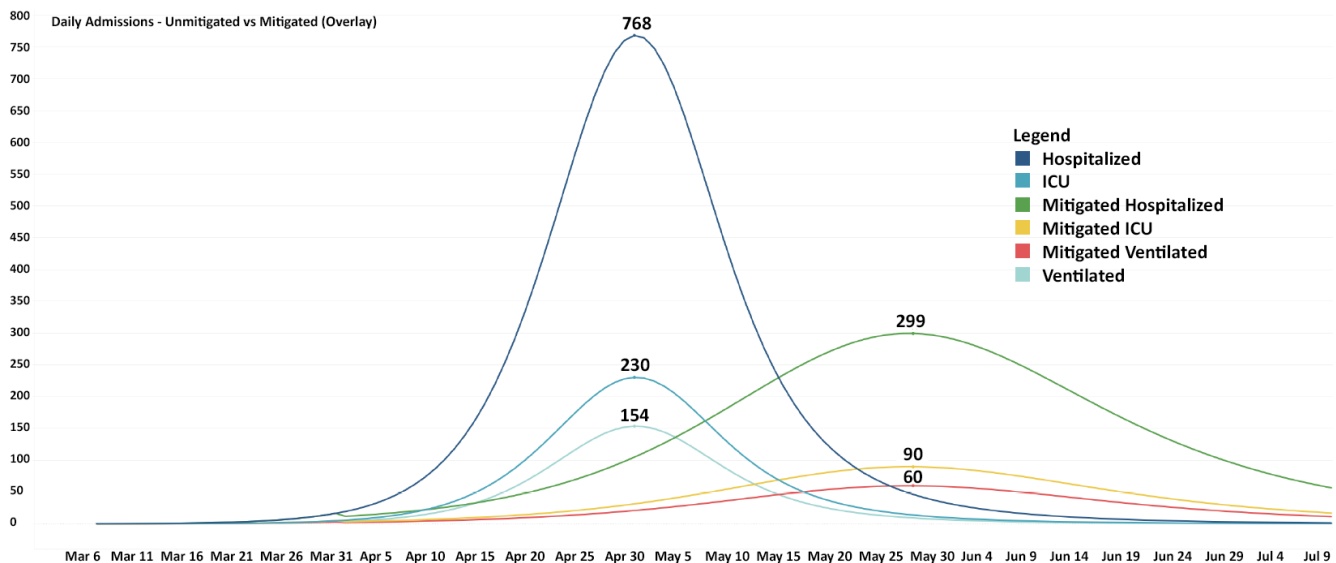
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**Figure 3: COVID-19 Model of Unmitigated vs Mitigated Strategies Projected for SJC**



This predictive model made specifically for San Joaquin County by Bayesian, shows that we have achieved some flattening of our curve. This is very encouraging to see, but even greater flattening is needed. We must all do our best to continue staying at home and practice social distancing.

### **Numbers Are Not the Solution**

- These data leave an incomplete picture of how many people are infected for a number of reasons:
  - Actual numbers of positive cases are undoubtedly much higher than what are reported because people who are not showing symptoms can be carrying the virus and infecting others without knowing it.
  - The majority of people with the virus have mild to moderate symptoms and are not getting tested.
  - We are not doing broad surveillance so that we can focus our resources on those with the greatest need.

### **Assume COVID-19 is Anywhere and Everywhere and Act Accordingly**

- At this time, there is no vaccine to protect against COVID-19 and no medications approved to treat it.
- Be **aware** of the symptoms for COVID-19 and **follow** the recommended guidelines.
- You can have the virus and not even know it because you may never develop symptoms or get sick.
- Even if you're not sick, it is still possible to spread the disease to other people.
- If you go out, you may be exposed to the infection or you may be exposing people without ever knowing it.
- Stay at home, limit going out for essential needs, and continue to follow social distancing, washing hands, and other recommended guidelines.
- Health experts expect more illnesses, hospitalizations, and deaths from COVID-19 to continue to occur to a point that potentially will create an overwhelming drain on our healthcare systems and resources.
- Wearing a face covering is a personal choice; however, this does not replace established, evidence-based guidelines such as social distancing and hand washing practices. For reference, here is the link to the California Department of Public Health (CDPH) Face-Coverings Guidance:  
<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Face-Coverings-Guidance.aspx>

### **EVERYONE is an Important Part of the Solution**

- The worst is yet to come, so don't be swayed into a false sense of security by focusing only on the data.
- The numbers we are seeing now are results of what we were doing to 2-3 weeks ago.
- We are only at the beginning of the curve of increasing cases and deaths so it is important to continue with strict mitigation measures until well after our positive cases and deaths begin to fall.
- **Mitigation is only as effective (or successful) as the behaviors of those who participate.**
- We all need to do our part in flattening the curve by continuing to follow guidance from health experts so that our hospitals can be prepared for the surge.
- Residents in our county have orders to stay home as much as possible and practice social distancing.

- Washing your hands often also reduces the risk of infection for you and the ones close to you.
- We need everyone to do their part to help respond to this emerging public health threat.

We are all impacted by the sudden changes in our daily routine in order to deal with this new strand of coronavirus. We, at Public Health Services understand this is a rapidly evolving situation that can make anyone feel uneasy about what is going on and what will happen next.

Be assured, that PHS is committed to following guidances and implementing strategies that are scientifically-based and will benefit all our communities to be more resilient in the face of this pandemic. Once again, we encourage you to continue practicing the best defenses that we have right now to combat COVID-19: social distancing, washing your hands, and staying at home, going out only for essential needs. By working together we will flatten the curve of COVID-19 in San Joaquin County, allowing us to get back on the road to some semblance of normalcy.