Current R-effective in California

The effective reproduction number (R-effective) is the average number of people each infected person will pass the virus onto and represents the rate at which COVID-19 is spreading.

State & County | Regions

Latest Estimate of R-effective is:

0.96

Spread of COVID-19 is likely stable

What does a R-eff of this size mean?

Low/High Estimates of R-effective:

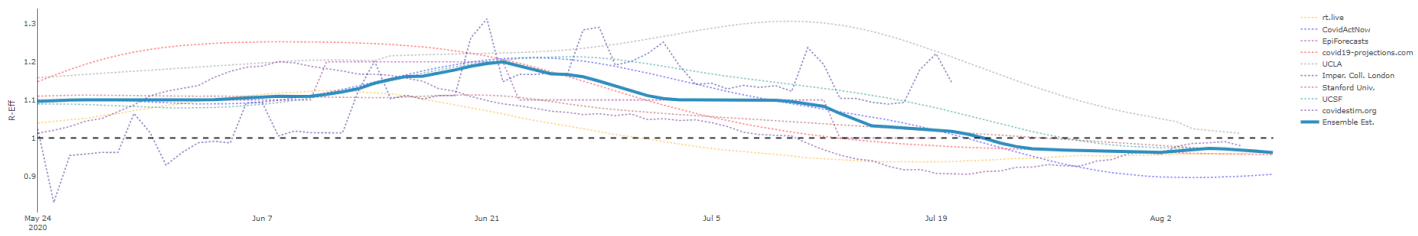
0.9 - 0.96

CovidActNow - Stanford

Download R-eff Values

Statewide Estimates of R-effective

The effective reproductive number (R) is the average number of secondary infected persons resulting from a infected person. If R>1, the number of infected persons will increase. If R<1, the number of infected persons will decrease. At R=1, the number of infected persons remains constant.



Sacramento

Latest Estimate of R-effective is:

1

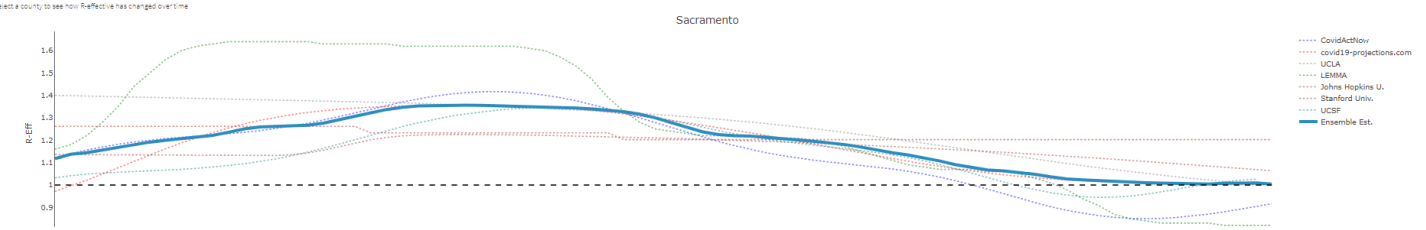
Spread of COVID-19 is likely stable

Download County R-eff Trend

NOTE: Some counties do not have sufficient case numbers in order for modelers to estimate R-effective.

R-effective Trends by County

Select a county to see how R-effective has changed over time



Current Daily Hospitalizations:

5,549

Actuals: 2020-08-10

Projected Daily Total:

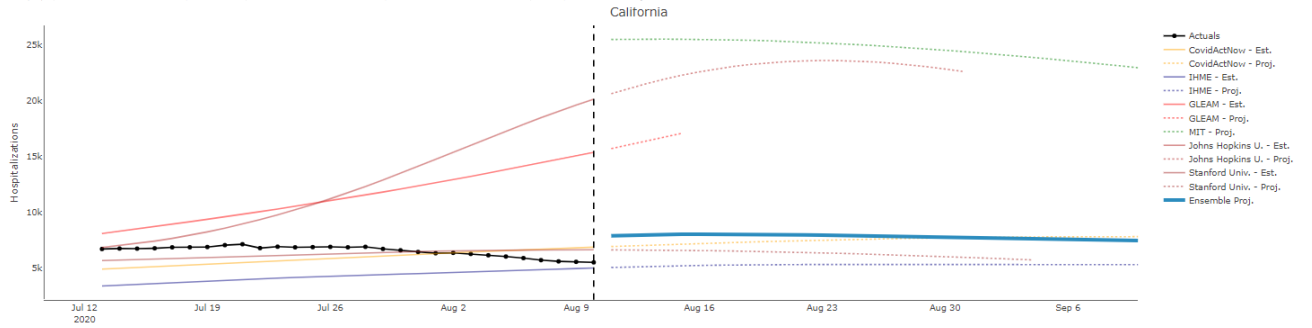
7,508

Ensemble Forecast through 2020-09-10

Download Hospital Forecasts

Statewide Hospitalization Forecasts

The black box (left) represents the current number of hospitalized COVID patients in California. The blue box represents the forecasted number of hospitalized patients at the 30 day mark based on models for California.



California County Hospitalization Forecasts

Select a county to see how modeled number of hospitalizations compare with actual numbers to date and with the number of licensed hospital beds (black box).

Sacramento

Current Daily Hospitalizations:

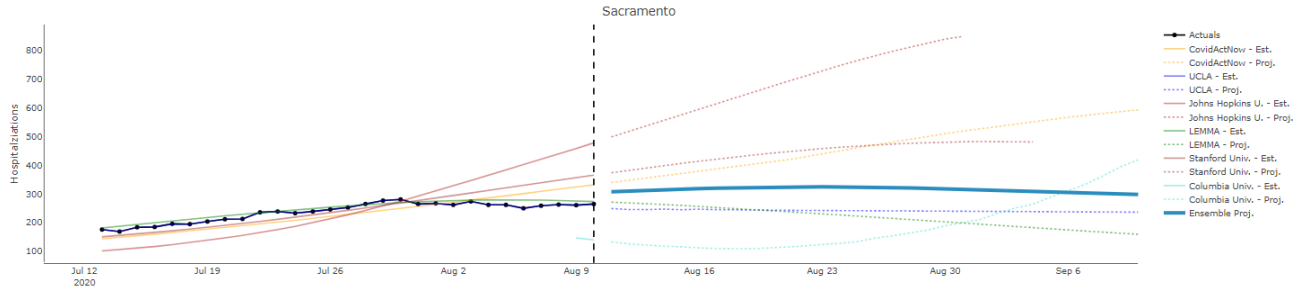
265 | 2,867

Actuals | Total Beds : 2020-08-10

Projected Daily Total:

298

Ensemble Forecast through 2020-09-10



SCEMSA Primary Impressions for Acute Respiratory Illness per Week