

# Public Health Emergency Officer (PHEO) COVID-19 Conditions Assessment

**17 August 2020**

# Outline

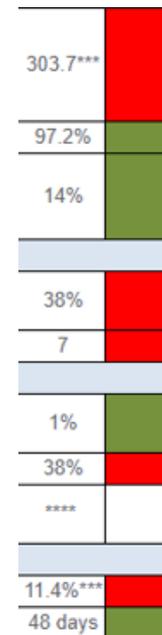
- Monterey County Health Department Metrics
- Monterey County: What's Next for Business Reopening?
- Presidio of Monterey and Surrounding Area Conditions Assessment
  1. Local Case Rate
  2. Influenza-Like Illness (ILI) & COVID-19-Like Illness (CLI) Trends
  3. Capacity to Treat
  4. Capacity to Test
  5. Capacity to Monitor
  6. Local Travel Restrictions
  7. Incidence/100,000 over 14-days
- Criteria Summary

# Monterey County Health Department

# Monterey County Health Department Metrics

Indicator or Metric*	Baseline at Variance Application Submission	Threshold for Considering Modifications	Current Status**
<b>Ability to Test, Contact Trace, Isolate, and Support the Exposed</b>			
14-Day cumulative COVID-19 incidence per 100,000 population	28.6	≥32	369.0***
Percent of cases reached by public health teams	98.5%	<90%	97.0%
Percent of Alternative Housing Site Beds designated for individuals diagnosed with COVID-19 or who are awaiting test results that are filled	2%	≥25%	14%
<b>Ability to Protect Those at High Risk for COVID-19</b>			
Percent of Skilled Nursing Facilities with no new cases in the last 14 days	94%	<75%	50%
Number of COVID-19 related deaths over last 14 days	2	≥5	12
<b>Surge Capacity for Hospitals and Health Care System</b>			
7-Day average of daily percent change in total number of hospitalized COVID-19 patients	-0.2%	≥5%	2%
Percent of ICU beds available averaged over the last 14 days	71%	<54%	30%
Percent of Monterey County hospitals with ≥14 days' supply of personal protective equipment (PPE)	100%	<75%	****
<b>Epidemiology and General Surveillance</b>			
Overall test positivity rate for the past 7 days	2.3%	≥8%	14.8%***
Case doubling time (7 day lag)	29 days	<8 days	43 days

Last week:



\*Unless otherwise specified, all indicators and metrics are calculated using a one-day lag. Counting for measuring the metric starts on "Current Status" date.

\*\*Current status as of August 16, 2020.

\*\*\*Note: Data are being cleaned following an issue with processing electronic laboratory reports in the statewide surveillance system. Data should be interpreted with caution.

\*\*\*\*The California Hospital Association and California Department of Public Health are no longer reporting greater than or equal to 14 days' supply of personal protective equipment (PPE) by hospital.

# Presidio of Monterey & Surrounding Area Conditions Assessment

# OSD/HQDA Gating Criteria

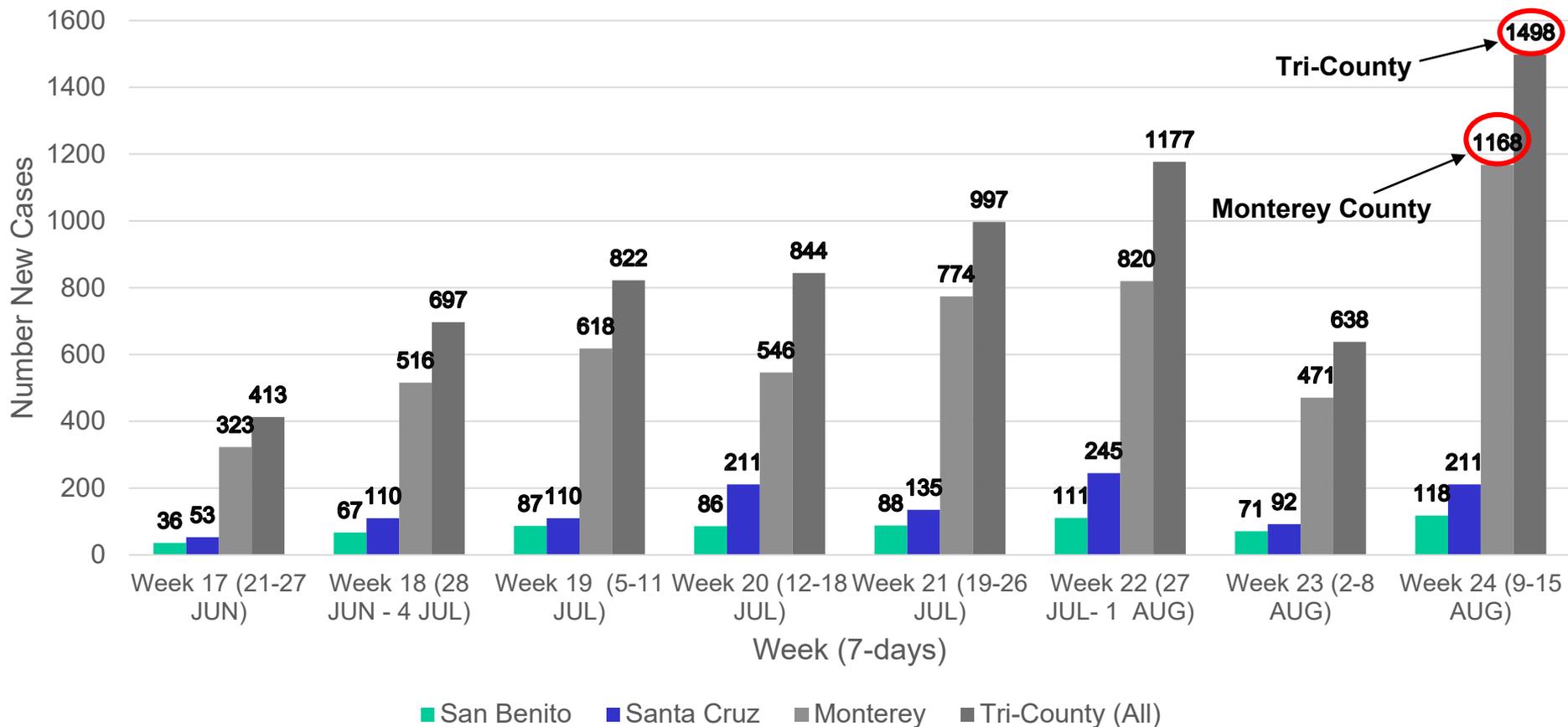
1. Local Case Rate and % Positive COVID-19
2. Influenza-Like Illness (ILI) and COVID-19 Like Illness (CLI)
3. Capacity to Treat
4. Capacity to Test
5. Capacity to Monitor
6. Local Travel Restrictions
7. Incidence Rate

# 1. Local Case Rate/% Positive

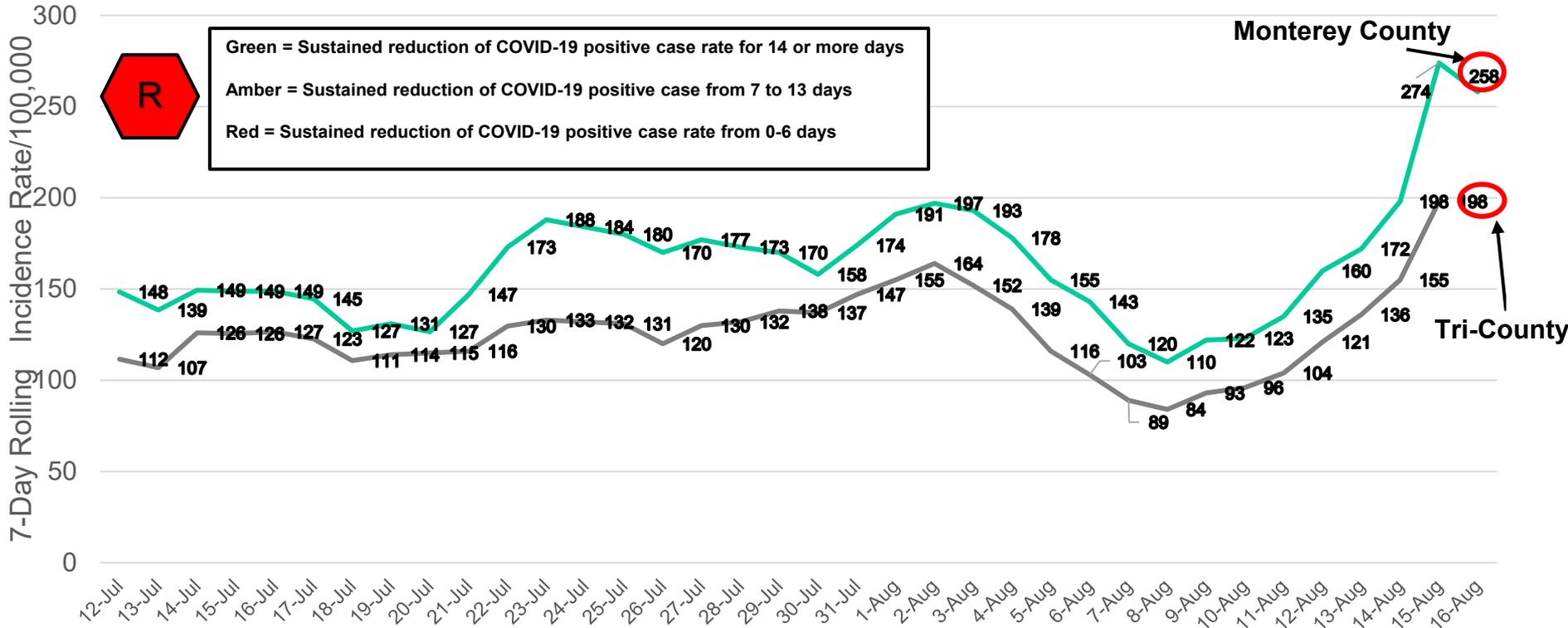
**NOTE: Since approximately 25 JUL 2020, California electronic lab reporting system (CaREDIE) experienced a significant backlog. Recent weekly trends include lab reports that may be from 1-2 weeks prior. Therefore, data must be interpreted with caution.**

As of 17 AUG 2020

## Tri-County COVID-19 New Cases/Week



# Tri-County 7-Day Rolling Incidence Rate/100,000



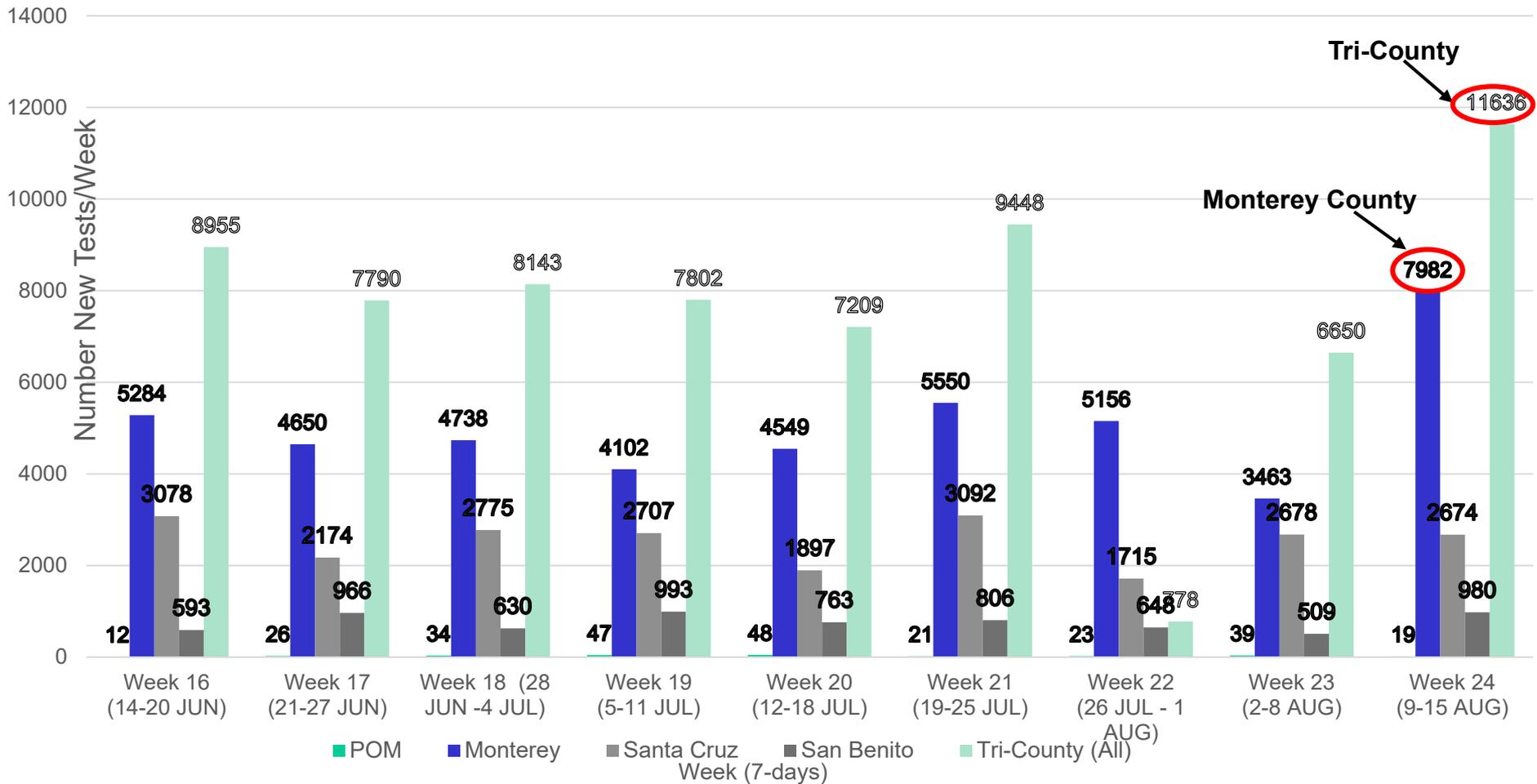
Total Population = 766,393  
 Monterey County Population = 433, 212  
 Santa Cruz County Population = 273,765  
 San Benito County Population = 59,416  
 Population Data Source: Center for Applied Research and Engagement Systems (CARES); 2020

— Monterey 7-Day Rolling Incidence/100K

— Tri-County 7-Day Rolling Incidence/100K

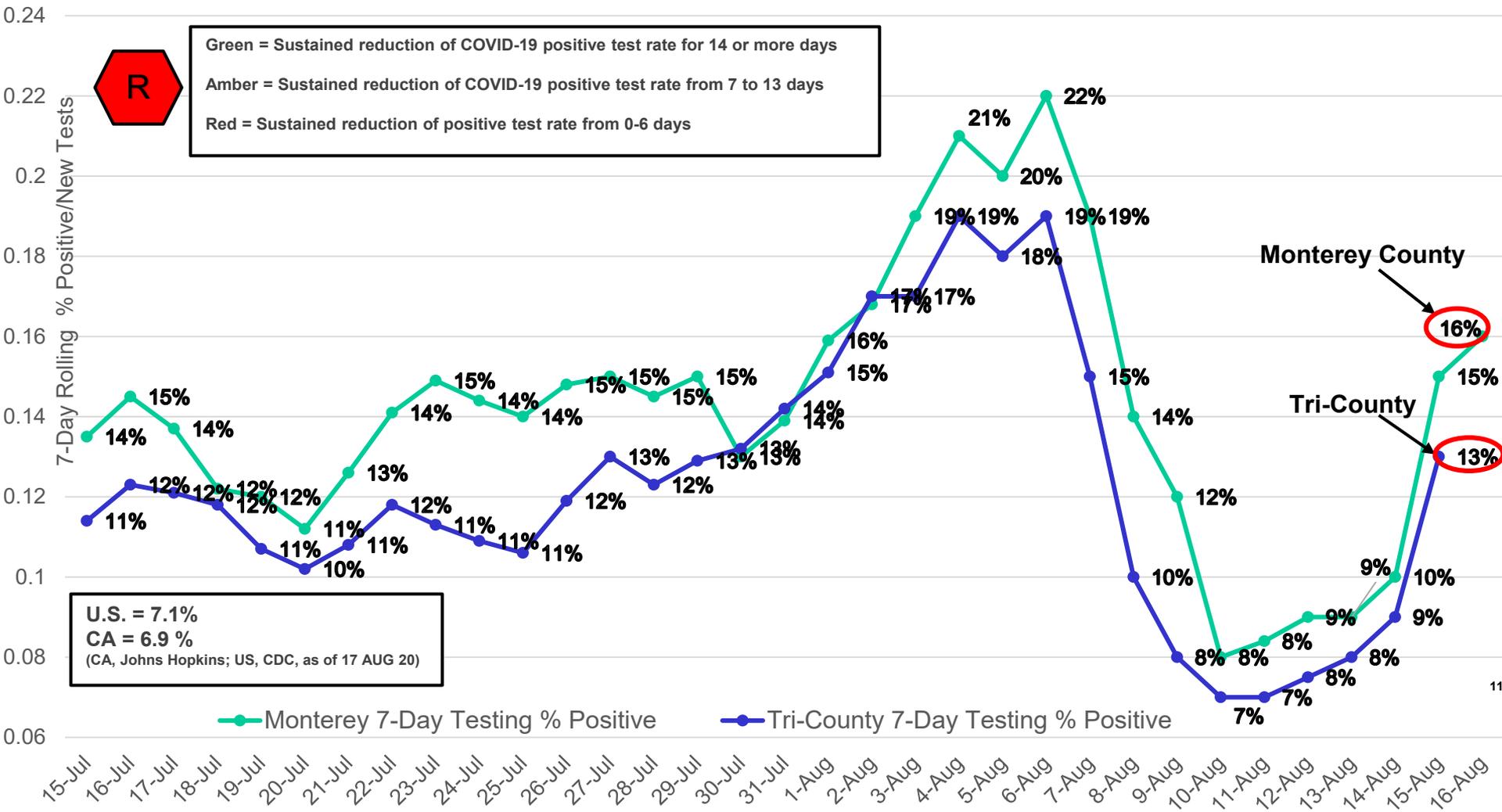
**Note: Data includes records processed and de-duplicated from the backlog of reports associated with the statewide surveillance system's lab routing issue. The data cleaning process is ongoing locally. Data will be adjusted as case interviews are conducted and additional laboratory reports are received. Therefore, data should be interpreted with caution.**

# Tri-County Weekly Total New COVID-19 Tests



As of 17 AUG 2020

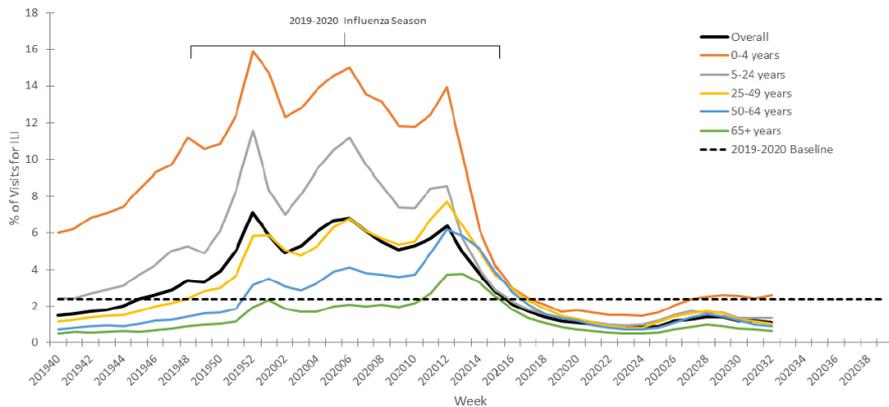
# Tri-County 7-Day Rolling Percent Positive



# 2. Influenza-Like Illness (ILI) & COVID-19-Like Illness (CLI) Trends

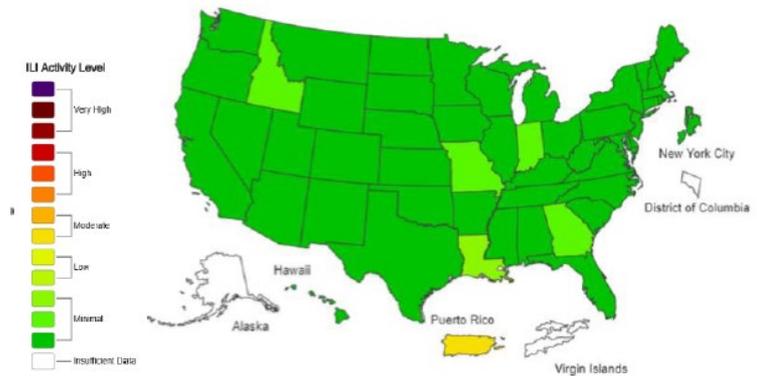
# National and CA Influenza-Like Illness (ILI)

Percentage of Visits for Influenza-Like Illness (ILI)  
Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet),  
Weekly National Summary, September 29, 2019 – August 8, 2020

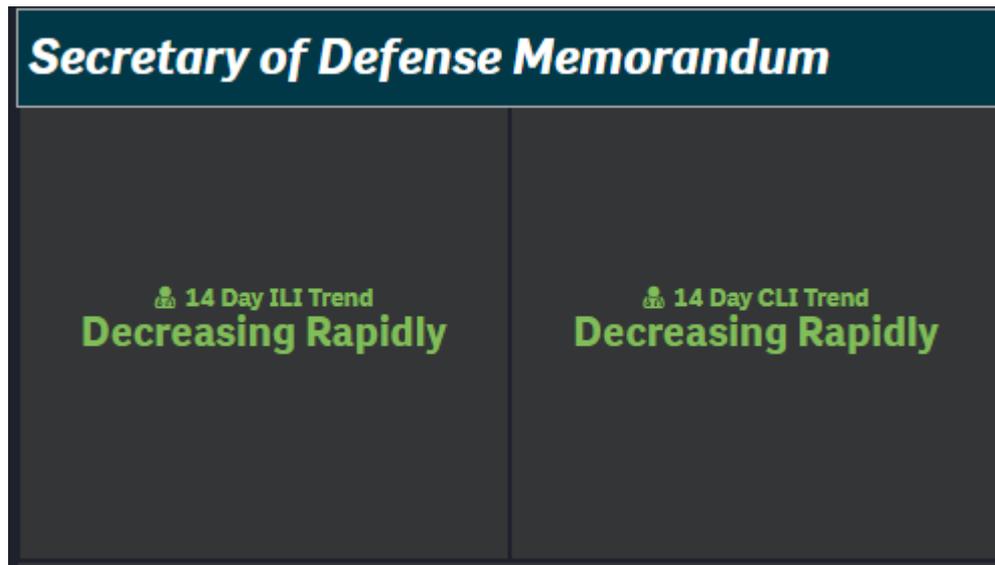


\* Age-group specific percentages should not be compared to the national baseline.

ILI Activity Level Map, Week 32 Ending August 8, 2020



# Monterey & Tri-County ILI/CLI



**Green = Sustained reduction of ILI/CLI for 14 or more days**  
**Amber = Sustained reduction of ILI/CLI from 7 to 13 days**  
**Red = Sustained reduction of ILI/CLI from 0-6 days**

# 3. Capacity to Treat

# Capacity to Treat Summary

- Military Medical Treatment Facilities (MTFs) and associated civilian healthcare networks ability to treat all patients requiring hospitalization. Reliable supply chain exists to support PPE requirements.
- **NOT MET/AMBER: 3.2 ICU beds /10K adult population. Monterey County** reported that they have the capacity to accommodate COVID-19 patients at a volume of  $\geq 35\%$  of baseline average daily census (829 beds, including 148 ICU); local hospitals have robust plan to protect hospital workforce.



Green = Ability to expand to 6 or more ICU beds/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals

Amber = Between 3 and 5 ICU beds/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals

Red = 2 or less ICU beds per/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals

# 4. Capacity to Test

# Capacity to Test Summary

- Capacity exists to test individuals with COVID-19 symptoms and other at risk populations. Testing requirements are defined as the number of tests needed to perform over a given timeframe. Testing capacity is a combination of installation and surrounding community testing throughput capacity.
- **MET/GREEN:** Testing capacity exceeds requirement to test; Monterey County has the ability to test 1.6/1K daily; POM has the ability to test 8/1K daily.



Green = Capacity to test exceeds the daily requirement to test

Amber = Capacity to test meets the daily requirement to test

Red = Testing requirement exceeds capacity

# 5. Capacity to Monitor

# Capacity to Monitor Summary

- Installation's ability to contact trace, and monitor the symptoms of individuals who have been identified as positive for COVID-19, and the ability to monitor those in quarantine and isolation.
- **MET/GREEN:** Both POM and Monterey County Health Department have sufficient contact tracing and monitoring capability. (POM 4/10K; MCHD 1/10K [44 contact tracers] with plan to expand to 1.5/10K [65])



Green = Both installation and local public health authorities (or combination of the two) have sufficient contact trace, and monitoring capability

Amber = Either installation or local public health authorities have sufficient contact trace, and monitoring capability

Red = Neither installation nor local public health authorities have sufficient contact trace, and monitoring capability

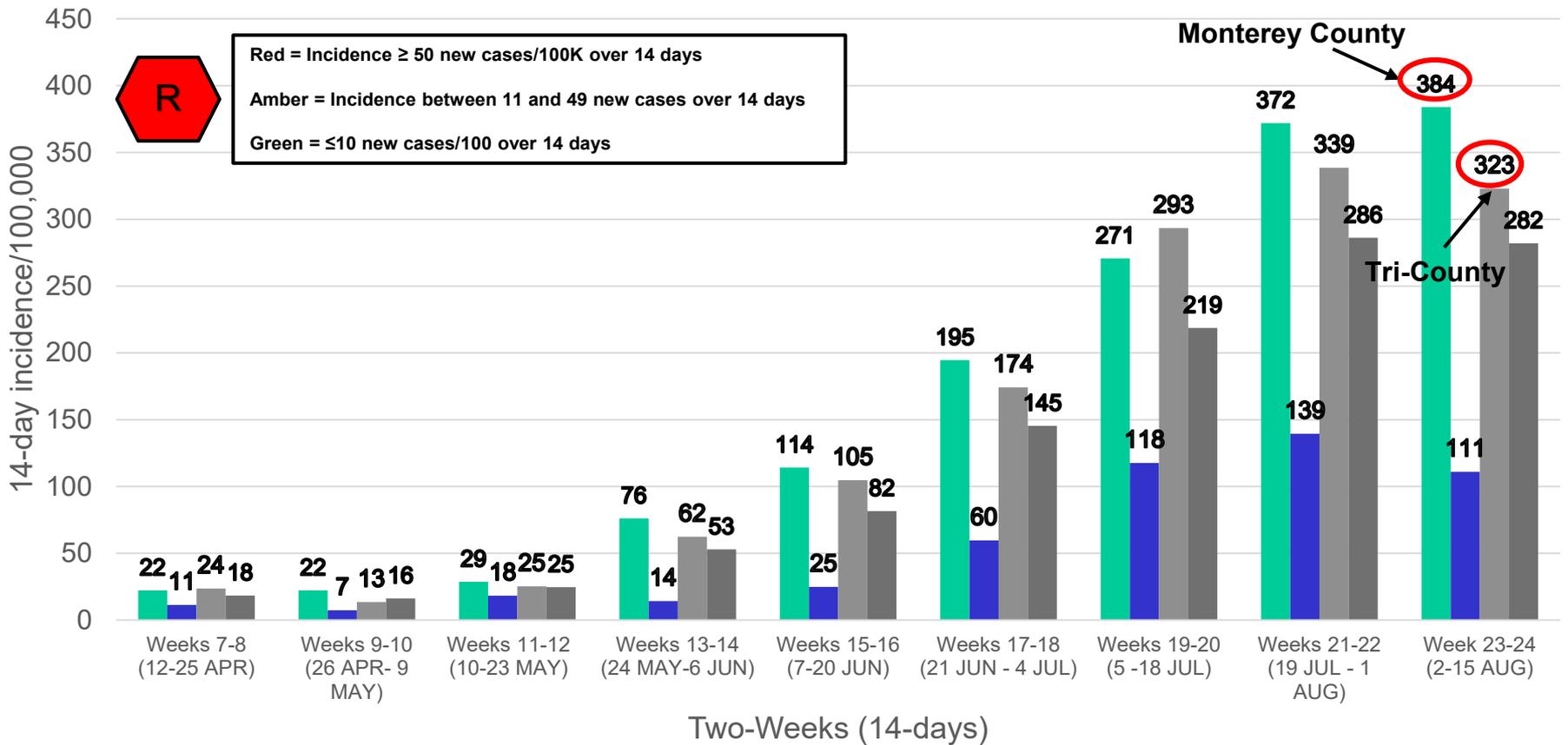
# 6. Local Travel Restrictions



No County or Tri-County travel restrictions; tourism resumed

# 7. 14-Day Incidence/100K

# Tri-County 14-Day Incidence/100,000



Total Population = 766,393  
 Monterey County Population = 433, 212  
 Santa Cruz County Population = 273,765  
 San Benito County Population = 59,416  
 Population Data Source: Center for Applied Research and Engagement Systems (CARES); 2020

■ Monterey ■ Santa Cruz ■ San Benito ■ Tri-County (All)

**Cumulative Incidence/100,000**  
 Monterey County = 1,491/100K  
 Tri- County = 1,144/100K  
 CA = 1,556/100K  
 U.S. = 1,636/100K

Condition	Criteria	Threshold	Status
1. Local Case Rate	Downward trajectory of new documented COVID-19 positive cases within a 14-day period OR Downward trajectory of new COVID-19 positive tests as a percent of total tests within a 14-day period	Green = Sustained reduction of COVID-19 positive case rate AND/OR COVID-19 positive test rate for 14 or more days  Amber = Sustained reduction of COVID-19 positive case rate AND/OR COVID-19 positive test rate from 7 to 13 days  Red = Sustained reduction of COVID-19 positive case rate AND/OR COVID-19 positive test rate from 0-6 days	<b>RED- No downward trend in local case rate or percent positivity in both Monterey and Tri-County.</b>  <b>NOTE: Since approximately 25 JUL 2020, California electronic lab reporting system (CalREDIE) experienced significant backlog. Recent weekly trends include lab reports that may be from 1-2 weeks prior. Therefore, data must be interpreted with caution.</b>
2. Influenza-Like Illness (ILI) and COVID-19 Like Illness (CLI)	Downward trajectory of reported cases of ILI and CLI over the preceding 14-day period.	Green = Sustained reduction of ILI/CLI for 14 or more days  Amber = Sustained reduction of ILI/CLI from 7 to 13 days  Red = Sustained reduction of ILI/CLI from 0-6 days	<b>GREEN- Tri-county and Monterey County ILI/CLI both decreasing steadily for &gt;14 days</b>
3. Capacity to Treat	<b>Military Medical Treatment Facilities (MTFs) and associated civilian healthcare networks ability to treat all patients requiring hospitalization. Reliable supply chain exists to support PPE requirements.</b>	Green = Ability to expand to 6 or more ICU beds/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals  Amber = Between 3 and 5 ICU beds/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals  Red = 2 or less ICU beds per/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals	<b>AMBER- 3.2 ICUs/10K adult population; MCHD reported that local hospitals have the capacity to accommodate COVID-19 patients at a volume of ≥ 35% of baseline daily census (829 beds, including 148 ICU)</b>
4. Capacity to Test	Capacity exists to test individuals with COVID-19 symptoms and other at risk populations. Testing requirements are defined as the number of tests needed to perform over a given timeframe. Testing capacity is a combination of installation and surrounding community testing throughput capacity.	Green = Capacity to test exceeds the daily requirement to test  Amber = Capacity to test meets the daily requirement to test  Red = Testing requirement exceeds capacity	<b>GREEN- Monterey County has the ability to test 1.6/1K daily; POM has the ability to test 8/1K daily</b>
5. Capacity to Monitor	Installation's ability to contact trace, and monitor the symptoms of individuals who have been identified as positive for COVID-19, and the ability to monitor those in quarantine and isolation.	Green = Both installation and local public health authorities (or combination of the two) have sufficient contact trace, and monitoring capability  Amber = Either installation or local public health authorities have sufficient contact trace, and monitoring capability  Red = Neither installation nor local public health authorities have sufficient contact trace, and monitoring capability	<b>GREEN: Both the Installation (3/10K) and County (1.5/10K) have sufficient trace capability.</b>
6. Local Travel Restrictions	Removal of local travel restrictions	Green = Removal of local travel restrictions Red = Local travel restrictions	<b>GREEN- No County travel restrictions; tourism resumed</b>
7. Incidence Rate	Number of new cases per 100K over past 14 days	Red = Incidence ≥ 50 new cases/100K over 14 days Amber = Incidence between 11 and 49 new cases over 14 days Green = ≤10 new cases/100 over 14 days	<b>RED- Monterey County had 384.1 cases per 100K over past 14 days; Tri-County had 281.9 cases per 100K over past 14 days</b>

# Way Forward

- Continue to monitor local, state, and national data and trends
- Senior Leadership will make decisions on reducing restrictions/HPCON changes
- Expect evolving policy guidance and changes



# Questions?

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