T3 Strategy: Test, Trace and Treat

**TEST**
- 7-Day Average of Daily Tests Reported: 7,181
- 14-Day Average Percent of New Cases: 2.9%
- Total Tests Reported: 5,366,421

**TRACE**
- 7-Day Average of Investigations Initiated within 24 Hours: 96.6%
- 7-Day Average of Close Contacts Traced within 24 Hours: 98.7%
- Total Case Investigations Performed: 324,526

**TREAT**
- 7-Day Average of Individuals in Safe Lodging: 621
- Cumulative Number of Individuals in Safe Lodging: 10,037

Data as of July 13, 2021
Updated July 14, 2021
Data are preliminary and subject to change; *if case did not have symptoms or illness onset date is unavailable, the earliest of specimen collection date, date of death, or date reported is used instead.

Data available at: https://sdgis-sandag.opendata.arcgis.com/

Prepared by County of San Diego, Emergency Operation Center, 7/14/2021
Data are preliminary and subject to change

* Starting 7/1/2021, this is the actual number of new cases reported, not the change from prior day as previously reported. Some reported cases may later be removed from the cumulative total number of cases through routine quality assurance processes.

Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
## Metrics Beyond the Blueprint

<table>
<thead>
<tr>
<th>Date Updated</th>
<th>Dates of Interest for Analyses</th>
<th>Case Rate per 100,000*</th>
<th>Testing Positivity Percentage</th>
<th>Health Equity Testing Positivity Percentage</th>
<th>Testing Rate per 100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/1/2021</td>
<td>5/16 – 5/22</td>
<td>2.5</td>
<td>1.3%</td>
<td>1.5%</td>
<td>420.3</td>
</tr>
<tr>
<td>6/8/2021</td>
<td>5/23 – 5/29</td>
<td>1.9</td>
<td>1.1%</td>
<td>1.3%</td>
<td>409.5</td>
</tr>
<tr>
<td>6/15/2021</td>
<td>5/30 – 6/5</td>
<td>1.9</td>
<td>1.1%</td>
<td>1.2%</td>
<td>367.1</td>
</tr>
<tr>
<td>6/23/2021</td>
<td>6/6 – 6/12</td>
<td>1.6</td>
<td>0.9%</td>
<td>1.0%</td>
<td>256.4</td>
</tr>
<tr>
<td>6/30/2021</td>
<td>6/13-6/19</td>
<td>2.1</td>
<td>1.1%</td>
<td>1.4%</td>
<td>212.5</td>
</tr>
<tr>
<td>7/7/2021</td>
<td>6/20-6/26</td>
<td>2.5</td>
<td>1.5%</td>
<td>1.9%</td>
<td>194.5</td>
</tr>
<tr>
<td>7/14/2021</td>
<td>6/27-7/3</td>
<td>3.7</td>
<td>2.0%</td>
<td>2.5%</td>
<td>185.9</td>
</tr>
</tbody>
</table>

Data are preliminary and subject to change.
*Previously referred to as the unadjusted case rate under the Blueprint for a Safer Economy Tier Framework.
All metrics calculated using local data using a 7-day daily average with a 7-day lag; case rate uses illness onset date and testing metrics use specimen collection date. California Department of Finance 2020 Projection Population Estimate for San Diego County is 3,370,418.
Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
<table>
<thead>
<tr>
<th>Epidemiology (Surveillance)</th>
<th>Healthcare (Hospital Capacity)</th>
<th>Public Health (Response)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Case Rate (≥2.0)§</td>
<td>5. Hospital Capacity (80%+)</td>
<td>10. Testing Positivity (8%+) (7-day period with a 7-day lag)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.7 ✗</td>
<td>2.0% ✓</td>
</tr>
<tr>
<td>2. Community Outbreaks* (&gt;7) (Last 7 days: 7/7/2021 – 7/13/2021)</td>
<td>6. Increasing Hospitalizations (&gt;10%)†</td>
<td>11. Case Investigation (≤70%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 ✗</td>
<td>96.6% ✓</td>
</tr>
<tr>
<td>3. COVID-19 Syndromic (upward)</td>
<td>7. ICU Capacity* (&lt;20%)</td>
<td>12. Contact Tracing (≤70%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.7% ✓</td>
<td>98.7% ✓</td>
</tr>
<tr>
<td>4. Influenza-Like Illness (upward)</td>
<td>8. Limited Ventilator Capacity (&lt;25%)</td>
<td>13. Homeless Population (&lt;15%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.6% ✓</td>
<td>33% ✓</td>
</tr>
</tbody>
</table>

*Health Officer Order will be modified when any of the following three criteria are met: 2. Community Outbreaks, 7. ICU Capacity, 9. PPE Supply, or one or more of the remaining criteria in at least two of the three categories is met: Epidemiology (Surveillance), Healthcare (Hospital Capacity), Public Health (Response) § Calculated weekly; not adjusted for testing rates; prior to 6/23/21 trigger 1 was the adjusted case rate per CDPH Blueprint. †Calculated by the State.
Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
Percentage of Positive COVID-19 Cases Among Tests by Date Reported
Total Number of Cases = 285,268

Data are preliminary and subject to change. *Received batch of prior tests. 14-Day rolling percentage positive = cases among San Diego County residents / all tests, including San Diego County residents and non-residents. Total number of tests = 5,366,421; 7/13/2021 rolling average = 2.9%.

Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
COVID-19 Confirmed Hospital Census

COVID-19 Confirmed Hospitalized Patients

33% increase in the 7-day average daily number of confirmed COVID-19 hospitalized patients compared to the prior 7 days

(7/7 – 7/13 compared to 6/30 – 7/6)

Data are preliminary and subject to change; data through 7/30 from State of California Health and Human Services Open Data; data starting 7/31 from hospitals reporting directly to County of San Diego; census for non-federal hospitals; includes both San Diego County residents and non-residents; *Starting 10/31, COVID hospital census numbers will show an increase due to a change in the hospital census definition. Previously, COVID-19 hospitalized patients stopped being counted as a COVID-19 hospitalized patient after 8 days. Now, they continue to be counted as a COVID-19 hospitalized patient for their entire stay in the hospital. Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
COVID-19 Daily Hospital Census, San Diego County

Includes Cases and Suspect COVID-19 Patients

Licensed beds = 6,416

Reserved for COVID-19

80% bed capacity

Current beds in use
COVID-19-related patients
Current Bed Capacity

Data are preliminary and subject to change; data from hospitals reporting directly to the County of San Diego; includes cases and suspect patients for non-federal hospitals for San Diego County residents and non-residents; current bed capacity for non-federal hospitals in San Diego County. Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
COVID-19 Hospital Daily Census in San Diego County
Includes Cases and Suspect COVID-19 Patients

Data are preliminary and subject to change; data from hospitals reporting directly to County of San Diego; census for San Diego County non-federal hospitals; includes cases and suspect COVID-19 patients for San Diego County residents and non-residents. Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
ICU Bed Occupancy, Capacity, and Availability

COVID-19 Daily ICU Bed Occupancy and Capacity, San Diego County
Includes Cases and Suspect COVID-19 Patients

Data are preliminary and subject to change; data from hospitals reporting directly to County of San Diego; includes cases and suspect patients for San Diego County residents and non-residents; current ICU bed capacity for beds on site; all data for non-federal hospitals in San Diego County. Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
COVID-19 Confirmed Hospitalized Patients
30 Days
(6/14 – 7/13)

62% increase in COVID-19 confirmed hospitalized patients over 30 days

Data are preliminary and subject to change; data from hospitals reporting directly to County of San Diego; census for non-federal hospitals; includes both San Diego County residents and non-residents.

Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
COVID-19 Confirmed Hospitalized Patients
14 Days
(6/30 – 7/13)

45% increase in COVID-19 confirmed hospitalized patients over 14 days

Data are preliminary and subject to change; data from hospitals reporting directly to County of San Diego; census for non-federal hospitals; includes both San Diego County residents and non-residents.
Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
COVID-19 Confirmed ICU Patients
30 Days
(6/14 – 7/13)

24% increase in COVID-19 confirmed ICU patients over 30 days

Data are preliminary and subject to change; data from hospitals reporting directly to County of San Diego; census for non-federal hospitals; includes both San Diego County residents and non-residents.
Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
COVID-19 Confirmed ICU Patients
14 Days
(6/30 – 7/13)

13% increase in COVID-19 confirmed ICU patients over 14 days

Data are preliminary and subject to change; data from hospitals reporting directly to County of San Diego; census for non-federal hospitals; includes both San Diego County residents and non-residents.
Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
COVID-19 Tests by Date Reported

Data are preliminary and subject to change; includes both San Diego County residents and non-residents; †Daily average. *Reported results included backlog from prior dates. Data available at: [https://sdgis-sandag.opendata.arcgis.com/](https://sdgis-sandag.opendata.arcgis.com/). Prepared by County of San Diego, Emergency Operations Center, 7/14/2021

Daily Average by Week and Daily Number of COVID-19 Tests in San Diego County by Date Reported
Total Number of Reported Tests = 5,366,421

Data are preliminary and subject to change; includes both San Diego County residents and non-residents; †Daily average. *Reported results included backlog from prior dates. Data available at: [https://sdgis-sandag.opendata.arcgis.com/](https://sdgis-sandag.opendata.arcgis.com/). Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
COVID-19 Cases Among San Diego County Residents

New Cases by Date Reported

Total Number of Cases = 285,268

Data are preliminary and subject to change; prior weeks by week reported (green bars); most current week by date reported (blue bars); *Weeks with <6 cases were combined; Data available at: https://sdgis-sandag.opendata.arcgis.com. Prepared by County of San Diego, Emergency Operations Center, 7/14/2021
COVID-19 Community Outbreaks by Date Outbreak Confirmed

Total Number of Community Outbreaks = 1,588

Data are preliminary and subject to change; some weeks have previously reported outbreaks removed or moved to a different date following further investigation; prepared by County of San Diego, Emergency Operations Center, 7/14/2021
## COVID-19 OUTBREAK SUMMARY OF CASES AND DEATHS BY SETTINGS
(March 25, 2020 - July 13, 2021)

<table>
<thead>
<tr>
<th>Setting</th>
<th>Inactive Outbreaks</th>
<th>Active Outbreaks</th>
<th>Total Outbreaks</th>
<th>Cases* (285,268)</th>
<th>Deaths# (3,786)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Resident</td>
<td>Staff**/Individuals^</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SNF</td>
<td>170</td>
<td>4</td>
<td>174</td>
<td>4,610 (1.6%)</td>
<td>607 (16.0%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3,227** (1.1%)</td>
<td></td>
</tr>
<tr>
<td>Non-SNF/Congregate Settings</td>
<td>366</td>
<td>1</td>
<td>367</td>
<td>6,694 (2.3%)</td>
<td>499 (13.2%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3,295** (1.2%)</td>
<td></td>
</tr>
<tr>
<td>Community</td>
<td>1,561</td>
<td>27</td>
<td>1,588</td>
<td>N/A</td>
<td>36 (1.0%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11,371^ (4.0%)</td>
<td></td>
</tr>
<tr>
<td>OUTBREAKS TOTAL</td>
<td>2,097</td>
<td>32</td>
<td>2,129</td>
<td>11,304</td>
<td>1,142 (30.2%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>17,893</td>
<td></td>
</tr>
</tbody>
</table>

Data are preliminary and subject to change. SNF (Skilled Nursing Facility).
*This includes all positive laboratory confirmed cases.
**Congregate staff.
^Individuals in community settings.
#Deaths are included in the total number of confirmed cases.
Percentage of cases compared to 285,268 total COVID-19 cases. Percentage of deaths compared to 3,786 total COVID-19 deaths.
Prepared by County of San Diego, Emergency Operations Center, 7/14/2021.
COVID-19 CONFIRMED COMMUNITY OUTBREAKS PER MONTH
(MARCH 25, 2020 – JULY 13, 2021)

N=1,588 Outbreaks (11,371 Cases)

Data are preliminary and subject to change.
Prepared by County of San Diego, Emergency Operations Center, 7/14/2021.
COVID-19 CONFIRMED COMMUNITY OUTBREAKS PER SETTING
(MARCH 25, 2020 – JULY 13, 2021)

N=1,588 Outbreaks (11,371 Cases)

*CBO (Community Based Organization). **Preschool also includes childcare. ***Salon includes hair salon, barbershop or nail salon.
Data are preliminary and subject to change.
Prepared by County of San Diego, Emergency Operations Center, 7/14/2021.
Emergency Department Data

Categories are not mutually exclusive. COVID-like Illness includes fever and cough, shortness of breath, or difficulty breathing OR coronavirus diagnostic codes. 16 San Diego County hospitals are included.

Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Epidemiology and Immunization Services Branch, 7/14/2021