T3 Strategy: Test, Trace and Treat

**TEST**
- 7-Day Average of Daily Tests Reported: 12,947
- 14-Day Average Percent of New Cases: 3.6%
- Total Tests Reported: 3,954,875

**TRACE**
- 7-Day Average of Investigations Initiated within 24 Hours: 92%
- 7-Day Average of Close Contacts Traced within 24 Hours: 99%
- Total Case Investigations Performed: 294,036

**TREAT**
- 7-Day Average of Individuals in Safe Lodging: 815
- Cumulative Number of Individuals in Safe Lodging: 7,101
- Total Doses of Donated Convalescent Plasma: 6,410

Data as of: Wednesday, March 3, 2021
Dashboard Updated: Thursday, March 4, 2021
Data are preliminary and subject to change; numerator: cases among San Diego County residents; denominator: all tests, including San Diego County residents and non-residents; *received batch of prior tests; rolling average percentage for 14-day time period; total number of tests = 3,954,875; 3/3/2021 rolling average = 3.6%. Prepared by County of San Diego, Emergency Operations Center, 3/4/2021.
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, 3/4/2021
ICU Bed Capacity, Occupancy and Availability

COVID-19 Daily ICU Bed Capacity, Occupancy, and Availability
San Diego County

ICU Beds Licensed Capacity 853
Current ICU Beds Capacity 717

Number of ICU Beds

<table>
<thead>
<tr>
<th>Date</th>
<th>ICU staffed and Immediately Available</th>
<th>Other ICU Census</th>
<th>COVID-Related ICU Census</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/18</td>
<td>48</td>
<td>334</td>
<td>222</td>
</tr>
<tr>
<td>2/19</td>
<td>54</td>
<td>339</td>
<td>224</td>
</tr>
<tr>
<td>2/20</td>
<td>50</td>
<td>345</td>
<td>211</td>
</tr>
<tr>
<td>2/21</td>
<td>55</td>
<td>329</td>
<td>205</td>
</tr>
<tr>
<td>2/22</td>
<td>56</td>
<td>323</td>
<td>194</td>
</tr>
<tr>
<td>2/23</td>
<td>48</td>
<td>331</td>
<td>187</td>
</tr>
<tr>
<td>2/24</td>
<td>52</td>
<td>350</td>
<td>184</td>
</tr>
<tr>
<td>2/25</td>
<td>53</td>
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<td>175</td>
</tr>
<tr>
<td>2/26</td>
<td>42</td>
<td>354</td>
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<tr>
<td>2/27</td>
<td>44</td>
<td>354</td>
<td>164</td>
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<td>2/28</td>
<td>44</td>
<td>350</td>
<td>151</td>
</tr>
<tr>
<td>3/1</td>
<td>54</td>
<td>333</td>
<td>151</td>
</tr>
<tr>
<td>3/2</td>
<td>54</td>
<td>357</td>
<td>148</td>
</tr>
<tr>
<td>3/3</td>
<td>62</td>
<td>349</td>
<td>144</td>
</tr>
</tbody>
</table>

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, 3/4/2021
COVID-19 Percentage Positive

Percentage of Positive COVID-19 Cases Among Tests by Date Reported
Total Number of Cases = 261,861

Data are preliminary and subject to change; numerator: cases among San Diego County residents; denominator: all tests, including San Diego County residents and non-residents; *received batch of prior tests; rolling average percentage for 14-day time period; total number of tests = 3,954,875; 3/3/2021 rolling average = 3.6%. Prepared by County of San Diego, Emergency Operations Center, 3/4/2021
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, 3/4/2021
COVID-19 Daily Hospital Bed Census

COVID-19 Daily Hospital Census, San Diego County
Includes Cases and Suspect COVID-19 Patients

Current bed capacity (licensed beds = 6,416)
Reserved for COVID-19

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, 3/4/2021
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, 3/4/2021.
**COVID-19 Cases in San Diego County by Illness Onset Date**

**Confirmed COVID-19 Cases by Date of Illness Onset***
San Diego County Residents, N = 261,861

*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.

Prepared by County of San Diego, Emergency Operation Center, 3/4/2021
COVID-19 Cases in San Diego County by Illness Onset Date

Confirmed COVID-19 Cases by Date of Illness Onset*
San Diego County Residents, N = 261,861

*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 are preliminary and subject to change.

Prepared by County of San Diego, Emergency Operation Center, 3/4/2021
## State Monitoring Metrics

### Currently in Tier #1 (Purple)

<table>
<thead>
<tr>
<th>Date Updated</th>
<th>Dates of Interest for Analyses</th>
<th>Unadjusted Case Rate per 100,000 (7-day daily average with a 7-day lag)</th>
<th>Adjusted Case Rate per 100,000 (7-day daily average with a 7-day lag)</th>
<th>Testing Positivity Percentage (7-day average with 7-day lag)</th>
<th>Health Equity Testing Positivity Percentage (7-day average with 7-day lag)</th>
<th>Testing Rate per 100,000 (7-day average with a 7-day lag)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/9/2021</td>
<td>1/24 - 1/30</td>
<td>35.4</td>
<td>34.2</td>
<td>9.1%*</td>
<td>12.1%*</td>
<td>512.3* State median = 479.82</td>
</tr>
<tr>
<td>2/16/2021</td>
<td>1/31 – 2/6</td>
<td>25.9</td>
<td>22.2</td>
<td>6.4%*</td>
<td>9.7%*</td>
<td>543.5* State median = 424.58</td>
</tr>
<tr>
<td>2/23/2021</td>
<td>2/7 – 2/13</td>
<td>16.6</td>
<td>15.0</td>
<td>5.0%*</td>
<td>7.4%*</td>
<td>459.7* State median = 386.41</td>
</tr>
<tr>
<td>3/2/2021</td>
<td>2/14 -2/20</td>
<td>11.3</td>
<td>10.8</td>
<td>4.2%*</td>
<td>6.0%*</td>
<td>374.3* State median = 346.59</td>
</tr>
</tbody>
</table>

### Case Rate and Testing Positivity Percentage Thresholds

<table>
<thead>
<tr>
<th>Tier</th>
<th>Case Rate (per 100,000)</th>
<th>Testing Positivity Percentage</th>
<th>Health Equity Testing Positivity Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (Purple)</td>
<td>&gt;7.0</td>
<td>&gt;8.0%</td>
<td>&gt;8.0%</td>
</tr>
<tr>
<td>2 (Red)</td>
<td>4.0-7.0</td>
<td>5.0-8.0%</td>
<td>≤8.0%</td>
</tr>
<tr>
<td>3 (Orange)</td>
<td>1.0-3.9</td>
<td>2.0-4.9%</td>
<td>≤5.2%</td>
</tr>
<tr>
<td>4 (Yellow)</td>
<td>&lt;1.0</td>
<td>&lt;2.0%</td>
<td>≤2.1%</td>
</tr>
</tbody>
</table>

Data are preliminary and subject to change; case rate from California Department of Public Health and calculated using California Department of Finance 2020 Projection Population Estimate for San Diego County to be 3,370,418
*Calculated with County data
Prepared by County of San Diego, Emergency Operations Center, 3/4/2021
# Triggers Dashboard

**Date Updated:** March 3, 2021

## Epidemiology (Surveillance)

1. **Adjusted Case Rate (Tier 1: >7.0, Tier 2: 4.0-7.0)†**
   - 10.8% ✗

2. **Community Outbreaks* (7+)**
   - 29% ✗

3. **COVID-19 Syndromic (upward)**
   - 2% ✓

4. **Influenza-Like Illness (upward)**
   - 2% ✓

## Healthcare (Hospital Capacity)

5. **Hospital Capacity (80%+)**
   - 77% ✓

6. **Increasing Hospitalizations (>10%)†**
   - -9.5% ✓

7. **ICU Capacity* (<20%)**
   - 31% ✓

8. **Limited Ventilator Capacity (<25%)**
   - 56% ✓

9. **PPE Supply* (≤50%)**
   - 93% ✓

## Public Health (Response)

10. **Testing Positivity (8%+)**
    - 3.5% ✓

11. **Case Investigation (≤70%)**
    - 92% ✓

12. **Contact Tracing (≤70%)**
    - 99% ✓

13. **Homeless Population (<15%)**
    - 33% ✓

*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 by the State. Case rate updated weekly. Prepared by County of San Diego, Emergency Operations Center, 3/3/2021
COVID-19 Community Outbreaks by Date Outbreak Confirmed

Total Number of Community Outbreaks = 1,355

Data are preliminary and subject to change; *Upon further investigation, previously reported outbreaks were removed or moved to a different date; Prepared by County of San Diego, Emergency Operations Center, 3/4/2021
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 ten 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, 3/4/2021
COVID-19 Confirmed Hospitalized Patients
30 Days
(2/2 – 3/3)

66% decrease 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, 3/4/2021
COVID-19 Confirmed Hospitalized Patients

14 Days

(2/18 – 3/3)

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, 3/4/2021
COVID-19 Confirmed Hospitalized Patients

7 Days

(2/25 – 3/3)

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, 3/4/2021
COVID-19 Confirmed ICU Patients

30 Days

(2/2 – 3/3)

62% decrease 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, 3/4/2021
COVID-19 Confirmed ICU Census

COVID-19 Confirmed ICU Patients
14 Days
(2/18 – 3/3)

39% decrease 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, 3/4/2021
COVID-19 Confirmed ICU Patients
7 Days
(2/25 – 3/3)

20% decrease in COVID-19 confirmed ICU patients over 7 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, 3/4/2021
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/. Prepared by County of San Diego, Emergency Operations Center, 3/4/2021.
Data are preliminary and subject to change; prior weeks by week reported (green bars); most current week by date reported (blue bars)

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

Prepared by County of San Diego, Emergency Operations Center, 3/4/2021
COVID-19 Cases by Date Reported

COVID-19 Cases Among San Diego County Residents
New Cases by Date Reported
(2/2 – 3/3)

Report Date

Data are preliminary and subject to change
Data available at: https://sdgis-sandag.opendata.arcgis.com/
Prepared by County of San Diego, Emergency Operations Center, 3/4/2021
COVID-19 Confirmed Hospitalizations Among San Diego County Residents

New Hospitalizations by Date Reported

Total Number of Hospitalizations = 13,215

Data are preliminary and subject to change; among San Diego County residents; known hospitalizations; incomplete information is available for many cases under investigation. Data available at: https://sdgis-sandag.opendata.arcgis.com/. Prepared by County of San Diego, Emergency Operations Center, 3/4/2021.
COVID-19 Confirmed ICU Patients by Date Reported

COVID-19 Confirmed ICU Patients Among San Diego County Residents

New ICU Patients by Date Reported
Total Number of ICU Patients = 1,603

Data are preliminary and subject to change; among San Diego County residents, except data prior to 3/25/2020 includes both San Diego County residents and non-resident.

*Upon further investigation, previously reported ICU case was removed.

Data available at: https://sdgis-sandag.opendata.arcgis.com/ Prepared by County of San Diego, Emergency Operations Center, 3/4/2021
COVID-19 Associated Deaths by Report Date
Among San Diego County Residents
Total Number of Deaths = 3,359

Data are preliminary and subject to change; *Upon further investigation, previously reported death was removed.
Prepared by County of San Diego, Emergency Operations Center, 3/4/2021
Data are preliminary and subject to change; data prior to 3/25/2020 includes both San Diego County residents and non-residents; doubling time calculated for a 5-day time period

Prepared by County of San Diego, Emergency Operations Center, 3/4/2021