T3 Strategy: Test, Trace and Treat

**TEST**

- **8,446** 7-Day Average of Daily Tests Reported
  - Goal: 6,740*

- **6%** 14-Day Average Percent of New Cases
  - Goal: Under 8%

- **590,401** Total Tests Reported

**TRACE**

- **13%** 7-Day Average of Investigations Initiated within 24 Hours
  - Goal: Over 90%

- **89%** 7-Day Average of Close Contacts Traced within 24 Hours
  - Goal: Over 90%

- **32,581** Total Case Investigations Performed

**TREAT**

- **63** 7-Day Average of Individuals in Public Health Rooms

- **1,260** Cumulative Number of Individuals in Public Health Rooms

- **1,096** Total Doses of Donated Convalescent Plasma

Data as of: Wednesday, July 29, 2020
Dashboard Updated: Thursday, July 30, 2020

*2 per 1,000 population, based on population of 3,370,418
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 = 590,401; 7/29/2020 rolling average = 5.6%

Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
COVID-19 Hospital Census

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 State of California Health and Human Services Open Data; census for San Diego County non-federal hospitals; includes cases and suspect COVID-19 patients for San Diego County residents and non-residents
*State changed data source and missing data replaced with data reported directly to County of San Diego
Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
COVID-19 Daily Hospital Bed Census

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

Current bed capacity

80% bed capacity

Reserved for COVID-19

Data are preliminary and subject to change; data for COVID-19-related patients from State of California Health and Human Services Open Data and include 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
*State changed data source and missing data replaced with data reported directly to County of San Diego
Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
COVID-19 Daily ICU Bed Occupancy and Capacity, San Diego County
Includes Cases and Suspect COVID-19 Patients

ICU Beds Licensed Capacity 853
Current ICU Beds Capacity 704

Data are preliminary and subject to change; data for COVID-19-related patients from State of California Health and Human Services Open Data and include 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 *State changed data source and missing data replaced with data reported directly to County of San Diego
Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
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

Prepared by County of San Diego, Emergency Operation Center, 7/30/2020
Confirmed COVID-19 Cases by Date of Illness Onset*
San Diego County Residents, N=28,668

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.

Prepared by County of San Diego, Emergency Operation Center, 7/30/2020
# Triggers Dashboard
Date Updated: July 30, 2020

## Epidemiology (Surveillance)
1. Case Rate (>100)
   - 134.4 ✗

2. Community Outbreaks* (7+)
   - 28 ✗

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

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

## Healthcare (Hospital Capacity)
5. Hospital Capacity (80%+)
   - 74% ✓

6. Increasing Hospitalizations (>10%)
   - 0.6% ✓

7. ICU Capacity* (<20%)
   - 33% ✓

8. Limited Ventilator Capacity (<25%)
   - 49% ✓

9. PPE Supply* (≤50%)
   - 77% ✓

## Public Health (Response)
10. Testing Positivity (8%+)
    - 6.3% ✓

11. Case Investigation (≤70%)
    - 13% ✗

12. Contact Tracing (≤70%)
    - 89% ✓

13. Homeless Population (<15%)
    - 36% ✓

* 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)

**A delayed batch of prior tests elevated the number of cases. Prepared by County of San Diego, Emergency Operations Center, 7/30/2020**
## State Monitoring Metrics

<table>
<thead>
<tr>
<th>Threshold</th>
<th>Avg # tests per day (per 100,000 population) (7-day avg with a 7-day lag)*</th>
<th>Case rate per 100,000 (14 days)</th>
<th>% Testing positivity (7-day average with a 7-day lag)*</th>
<th>% Change in 3-day avg COVID+ hospitalized patients</th>
<th>% ICU beds currently available</th>
<th>% Ventilators currently available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Report Date: 7/30/2020</td>
<td>227.7*</td>
<td>134.4</td>
<td>6.3%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 7/29/2020</td>
<td>230.4*</td>
<td>139.4</td>
<td>6.5%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 7/28/2020</td>
<td>236.2*</td>
<td>130.1</td>
<td>6.3%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 7/27/2020</td>
<td>243.2*</td>
<td>144.0</td>
<td>6.3%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 7/26/2020</td>
<td>242.4*</td>
<td>153.2</td>
<td>6.4%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 7/25/2020</td>
<td>242.7*</td>
<td>154.5</td>
<td>6.4%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 7/24/2020</td>
<td>236.1*</td>
<td>152.4</td>
<td>6.6%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
</tbody>
</table>

Data are preliminary and subject to change; data from California Department of Public Health except test data; test metrics calculated using San Diego County data 7/23-7/30 hospitalization and healthcare capacity metrics frozen by the State from 7/22 due to State changes in source data. Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
COVID-19 Community Outbreaks by Date Outbreak Confirmed

Total Number of Community Outbreaks = 139

Data are preliminary and subject to change
Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
Positive Cases & Case Investigation Trigger

Data are preliminary and subject to change; cases among San Diego County residents
Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
COVID-19 Tests by Date Reported

Daily Average by Week and Daily Number of COVID-19 Tests in San Diego County by Date Reported
Total Number of Reported Tests = 590,401

Data are preliminary and subject to change; includes both San Diego County residents and non-residents; †daily average; *received batch of prior tests
Data available at: https://sdgis-sandag.opendata.arcgis.com/
Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
COVID-19 Cases by Date Reported

COVID-19 Cases Among San Diego County Residents
New Cases by Date Reported
Total Number of Cases = 28,668

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, 7/30/2020
## COVID-19 Confirmed Hospitalizations by Date Reported

### COVID-19 Confirmed Hospitalizations Among San Diego County Residents

#### New Hospitalizations by Date Reported

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Weekly Total</th>
<th>Daily Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/23 - 3/29</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>3/30 - 4/5</td>
<td>151</td>
<td></td>
</tr>
<tr>
<td>4/6 - 4/12</td>
<td>151</td>
<td></td>
</tr>
<tr>
<td>4/13 - 4/19</td>
<td>142</td>
<td></td>
</tr>
<tr>
<td>4/20 - 4/26</td>
<td>144</td>
<td></td>
</tr>
<tr>
<td>4/27 - 5/3</td>
<td>136</td>
<td></td>
</tr>
<tr>
<td>5/4 - 5/10</td>
<td>131</td>
<td></td>
</tr>
<tr>
<td>5/11 - 5/17</td>
<td>142</td>
<td></td>
</tr>
<tr>
<td>5/18 - 5/24</td>
<td>129</td>
<td></td>
</tr>
<tr>
<td>5/25 - 5/31</td>
<td>98</td>
<td></td>
</tr>
<tr>
<td>6/1 - 6/7</td>
<td>87</td>
<td></td>
</tr>
<tr>
<td>6/8 - 6/14</td>
<td>101</td>
<td></td>
</tr>
<tr>
<td>6/15 - 6/21</td>
<td>97</td>
<td></td>
</tr>
<tr>
<td>6/22 - 6/28</td>
<td>127</td>
<td></td>
</tr>
<tr>
<td>6/29 - 7/5</td>
<td>158</td>
<td></td>
</tr>
<tr>
<td>7/6 - 7/12</td>
<td>140</td>
<td></td>
</tr>
<tr>
<td>7/13 - 7/19</td>
<td>163</td>
<td></td>
</tr>
<tr>
<td>7/20 - 7/26</td>
<td>190</td>
<td></td>
</tr>
</tbody>
</table>

#### Total Number of Hospitalizations = 2,486

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-residents.

Data available at: [https://sdgis-sandag.opendata.arcgis.com/](https://sdgis-sandag.opendata.arcgis.com/)

Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
Data are preliminary and subject to change; data from State of California Health and Human Services Open Data; census for non-federal hospitals; includes both San Diego County residents and non-residents
*7/22-7/24, 7/27 State changed data source and missing data replaced with data reported directly to County of San Diego
Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
COVID-19 Confirmed ICU Patients Among San Diego County Residents

New ICU Patients by Date Reported
Total Number of ICU Patients = 638

<table>
<thead>
<tr>
<th>Date</th>
<th>WEEKLY</th>
<th>DAILY</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/21 - 3/27</td>
<td>29</td>
<td></td>
</tr>
<tr>
<td>3/28 - 4/3</td>
<td>47</td>
<td></td>
</tr>
<tr>
<td>4/4 - 4/10</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>4/11 - 4/17</td>
<td>43</td>
<td></td>
</tr>
<tr>
<td>4/18 - 4/24</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>4/25 - 5/1</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>5/2 - 5/8</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>5/9 - 5/15</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>5/16 - 5/22</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>5/23 - 5/29</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>5/30 - 6/5</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>6/6 - 6/12</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>6/13 - 6/19</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>6/20 - 6/26</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>6/27 - 7/3</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>7/4 - 7/10</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>7/11 - 7/17</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>7/18 - 7/24</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>7/25</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>7/26</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>7/27</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>7/28</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>7/29</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

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-residents
Data available at: https://sdgis-sandag.opendata.arcgis.com/
Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
COVID-19 Associated Deaths by Report Date
Among San Diego County Residents
Total Number of Deaths = 558

Data are preliminary and subject to change
Prepared by County of San Diego, Emergency Operations Center, 7/30/2020
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, 7/30/2020