T3 Strategy: Test, Trace and Treat

**TEST**
- 7-Day Average of Daily Tests Reported: 7,525
- 14-Day Average Percent of New Cases: 4.9%
- Total Tests Reported: 643,074

**TRACE**
- 7-Day Average of Investigations Initiated within 24 Hours: 81%
- 7-Day Average of Close Contacts Traced within 24 Hours: 89%
- Total Case Investigations Performed: 35,224

**TREAT**
- 7-Day Average of Individuals in Public Health Rooms: 42
- Cumulative Number of Individuals in Public Health Rooms: 1,297
- Total Doses of Donated Convalescent Plasma: 1,182

Data as of: Wednesday, August 5, 2020
Dashboard Updated: Thursday, August 6, 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 = 643,074; 8/5/2020 rolling average = 4.9%

Prepared by County of San Diego, Emergency Operations Center, 8/6/2020
COVID-19 Hospital Census in San Diego County
Includes Cases and Suspect COVID-19 Patients

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 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, 8/6/2020
COVID-19 Daily Hospital Bed 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 through 7/30 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; data starting 7/31 from hospitals reporting directly to the County of San Diego; 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, 8/6/2020
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 through 7/30 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; data starting 7/31 from hospitals reporting directly to County of San Diego; 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, 8/6/2020
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=31,127

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, 8/6/2020
Confirmed COVID-19 Cases by Date of Illness Onset*
San Diego County Residents, N=31,127

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, 8/6/2020
### Triggers Dashboard
Date Updated: August 6, 2020

#### Epidemiology (Surveillance)
1. Case Rate (>100)†
   - **County:** 110.1
   - **State:** 112.4
2. Community Outbreaks* (7+)
   - 31
3. COVID-19 Syndromic (upward)
   - 2%
4. Influenza-Like Illness (upward)
   - 2%

#### Healthcare (Hospital Capacity)
5. Hospital Capacity (80%+)
   - 69%
6. Increasing Hospitalizations (>10%)
   - -5.9%
7. ICU Capacity* (<20%)
   - 35%
8. Limited Ventilator Capacity (<25%)
   - 49%
9. PPE Supply* (≤50%)
   - 80%

#### Public Health (Response)
10. Testing Positivity (8%+)
    - 5.5%
11. Case Investigation (≤70%)
    - 81%
12. Contact Tracing (≤70%)
    - 89%
13. Homeless Population (<15%)
    - 38%

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* 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)
†County = calculated with County of San Diego data and State = calculated by the State. Prepared by County of San Diego, Emergency Operations Center, 8/6/2020
# 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>&lt;150</td>
<td>&lt;*&gt; 100 or 25 and &gt;8% positivity</td>
<td></td>
<td>&gt;10% Increase</td>
<td>&lt;20% ICU Beds or &lt;25% Ventilators Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Report Date: 8/6/2020</td>
<td>210.8*</td>
<td>112.4</td>
<td>5.5%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 8/5/2020</td>
<td>209.2*</td>
<td>105.7</td>
<td>5.6%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 8/4/2020</td>
<td>211.2*</td>
<td>114.9</td>
<td>5.9%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 8/3/2020</td>
<td>213.5*</td>
<td>118.2</td>
<td>6.1%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 8/2/2020</td>
<td>216.1*</td>
<td>120.4</td>
<td>6.1%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 8/1/2020</td>
<td>218.3*</td>
<td>120.4</td>
<td>6.3%*</td>
<td>0.6%</td>
<td>21.6%</td>
<td>63.7%</td>
</tr>
<tr>
<td>Report Date: 7/31/2020</td>
<td>220.1*</td>
<td>126.6</td>
<td>6.2%*</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 7/23-8/6 hospitalization and healthcare capacity metrics frozen by the State from 7/22 due to State changes in source data; State froze case rate metric from 7/30 on their website due to test data issues. Prepared by County of San Diego, Emergency Operations Center, 8/6/2020
COVID-19 Community Outbreaks by Date Outbreak Confirmed
Total Number of Community Outbreaks = 170

Data are preliminary and subject to change; *7/31 – one previously reported outbreak was removed for not meeting outbreak definition.
Prepared by County of San Diego, Emergency Operations Center, 8/6/2020
Data are preliminary and subject to change; cases among San Diego County residents
Prepared by County of San Diego, Emergency Operations Center, 8/6/2020
COVID-19 Cases by Date Reported

COVID-19 Cases Among San Diego County Residents
New Cases by Date Reported
Total Number of Cases = 31,127

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, 8/6/2020
COVID-19 Confirmed Hospitalizations by Date Reported

COVID-19 Confirmed Hospitalizations Among San Diego County Residents
New Hospitalizations by Date Reported
Total Number of Hospitalizations = 2,681

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, 8/6/2020
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.

*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, 8/6/2020
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 = 674

Weeklies:
- 3/28–4/3: 47
- 4/4–4/10: 55
- 4/11–4/17: 43
- 4/18–4/24: 38
- 4/25–5/1: 34
- 5/2–5/8: 32
- 5/9–5/15: 38
- 5/16–5/22: 40
- 5/23–5/29: 12
- 5/30–6/5: 20
- 6/6–6/12: 24
- 6/13–6/19: 18
- 6/20–6/26: 32
- 6/27–7/3: 32
- 7/4–7/10: 25
- 7/11–7/17: 35
- 7/18–7/24: 39
- 7/25–7/31: 44

Dailies:
- 8/1: 2
- 8/2: 4
- 8/3: 6
- 8/4: 4
- 8/5: 8

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, 8/6/2020
### COVID-19 Associated Deaths by Report Date

#### Among San Diego County Residents

**Total Number of Deaths = 583**

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Weekly Deaths</th>
<th>Daily Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/21 - 3/27</td>
<td>7</td>
<td>0</td>
</tr>
<tr>
<td>3/28 - 4/3</td>
<td>11</td>
<td>0</td>
</tr>
<tr>
<td>4/4 - 4/10</td>
<td>27</td>
<td>3</td>
</tr>
<tr>
<td>4/11 - 4/17</td>
<td>26</td>
<td>3</td>
</tr>
<tr>
<td>4/18 - 4/24</td>
<td>27</td>
<td>3</td>
</tr>
<tr>
<td>4/25 - 5/1</td>
<td>40</td>
<td>5</td>
</tr>
<tr>
<td>5/2 - 5/8</td>
<td>37</td>
<td>1</td>
</tr>
<tr>
<td>5/9 - 5/15</td>
<td>34</td>
<td>1</td>
</tr>
<tr>
<td>5/16 - 5/22</td>
<td>40</td>
<td>1</td>
</tr>
<tr>
<td>5/23 - 5/29</td>
<td>20</td>
<td>1</td>
</tr>
<tr>
<td>5/30 - 6/6</td>
<td>27</td>
<td>1</td>
</tr>
<tr>
<td>6/6 - 6/12</td>
<td>23</td>
<td>2</td>
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<tr>
<td>6/13 - 6/19</td>
<td>19</td>
<td>2</td>
</tr>
<tr>
<td>6/20 - 6/26</td>
<td>22</td>
<td>3</td>
</tr>
<tr>
<td>6/27 - 7/3</td>
<td>27</td>
<td>3</td>
</tr>
<tr>
<td>7/4 - 7/10</td>
<td>35</td>
<td>0</td>
</tr>
<tr>
<td>7/11 - 7/17</td>
<td>56</td>
<td>0</td>
</tr>
<tr>
<td>7/18 - 7/24</td>
<td>55</td>
<td>0</td>
</tr>
<tr>
<td>7/25 - 7/31</td>
<td>32</td>
<td>10</td>
</tr>
</tbody>
</table>

*Data are preliminary and subject to change*

*Prepared by County of San Diego, Emergency Operations Center, 8/6/2020*
### 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 = 643,074

<table>
<thead>
<tr>
<th>Week</th>
<th>WEEKLY†</th>
<th>DAILY</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/6 - 4/12†</td>
<td>1,092</td>
<td>8,106</td>
</tr>
<tr>
<td>4/13 - 4/19‡</td>
<td>1,111</td>
<td>8,911*</td>
</tr>
<tr>
<td>4/20 - 4/26‡</td>
<td>1,693</td>
<td>9,694</td>
</tr>
<tr>
<td>4/27 - 5/3‡</td>
<td>2,202</td>
<td>10,295+</td>
</tr>
<tr>
<td>5/4 - 5/10†</td>
<td>2,992</td>
<td>11,198+</td>
</tr>
<tr>
<td>5/11 - 5/17‡</td>
<td>3,757</td>
<td>12,068</td>
</tr>
<tr>
<td>5/18 - 5/24‡</td>
<td>4,033</td>
<td>12,901+</td>
</tr>
<tr>
<td>5/25 - 5/31‡</td>
<td>3,877</td>
<td>13,738+</td>
</tr>
<tr>
<td>6/1 - 6/7†</td>
<td>4,567</td>
<td>14,595+</td>
</tr>
<tr>
<td>6/8 - 6/14†</td>
<td>5,277</td>
<td>15,462+</td>
</tr>
<tr>
<td>6/15 - 6/21‡</td>
<td>6,867</td>
<td>16,339+</td>
</tr>
<tr>
<td>6/22 - 6/28‡</td>
<td>7,782</td>
<td>17,215+</td>
</tr>
<tr>
<td>6/29 - 7/5‡</td>
<td>7,730</td>
<td>18,090+</td>
</tr>
<tr>
<td>7/6 - 7/12‡</td>
<td>7,693</td>
<td>18,967+</td>
</tr>
<tr>
<td>7/13 - 7/19‡</td>
<td>8,922</td>
<td>19,842+</td>
</tr>
<tr>
<td>7/20 - 7/26‡</td>
<td>8,997</td>
<td>20,718+</td>
</tr>
<tr>
<td>7/27 - 8/2†</td>
<td>7,454</td>
<td>21,513+</td>
</tr>
<tr>
<td>8/3</td>
<td>8,416*</td>
<td></td>
</tr>
<tr>
<td>8/4</td>
<td>6,981*</td>
<td></td>
</tr>
<tr>
<td>8/5</td>
<td>11,106*</td>
<td></td>
</tr>
</tbody>
</table>

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, 8/6/2020
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, 8/6/2020