T3 Strategy: Test, Trace and Treat

TEST

- Daily Tests Reported: 9,224
  - Goal: 5,200
  - 7-Day Average: 8,383
- Total Tests Reported: 478,546

TRACE

- FTE Resources Available: 519
  - Goal: 450
- Investigations Performed: 25,914
- Individuals in Isolation in Public Health Rooms: 87

TREAT

- Individuals in Isolation in Public Health Rooms: 1,169

Data as of: Thursday, July 16, 2020
Dashboard Updated: Friday, July 17, 2020
COVID-19 Percentage Positive

Percentage of Positive COVID-19 Cases Among Tests by Date Reported
Total Number of Cases = 22,489

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 = 478,546; 7/16/2020 rolling average = 6.1%
Prepared by County of San Diego, Emergency Operations Center, 7/17/2020
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
Prepared by County of San Diego, Emergency Operations Center, 7/17/2020
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

Prepared by County of San Diego, Emergency Operations Center, 7/17/2020
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 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
Prepared by County of San Diego, Emergency Operations Center, 7/17/2020
COVID-19 Tests by Date Reported

Weekly Average and Daily Number of COVID-19 Tests in San Diego County by Date Reported
Total Number of Reported Tests = 478,546

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, 7/17/2020
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=22,489

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, 7/17/2020
COVID-19 Cases by Date Reported

COVID-19 Cases Among San Diego County Residents
New Cases by Date Reported
Total Number of Cases = 22,489

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, 7/17/2020
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, 7/17/2020
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

Prepared by County of San Diego, Emergency Operations Center, 7/17/2020
COVID-19 Confirmed ICU Patients Among San Diego County Residents

New ICU Patients by Date Reported

Total Number of ICU Patients = 562

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, 7/17/2020
COVID-19 Associated Deaths by Date of Death
Among San Diego County Residents
Total Number of Deaths = 472

Data are preliminary and subject to change
Prepared by County of San Diego, Emergency Operations Center, 7/17/2020
<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</td>
<td>5. Hospital Capacity</td>
<td>10. Testing Positivity</td>
</tr>
<tr>
<td>154.3 *</td>
<td>72% ✔</td>
<td>7% ✔</td>
</tr>
<tr>
<td>13  ✗</td>
<td>2% ✔</td>
<td>24% ✗</td>
</tr>
<tr>
<td>3. COVID-19 Syndromic</td>
<td>27% ✔</td>
<td>12. Contact Tracing</td>
</tr>
<tr>
<td>2% ✔</td>
<td>8. Limited Ventilator Capacity</td>
<td>91% ✔</td>
</tr>
<tr>
<td>3% ✔</td>
<td>77% ✔</td>
<td>36% ✔</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)
**A delayed batch of prior tests elevated the number of cases. Prepared by County of San Diego, Emergency Operations Center, 7/17/2020
### 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>Case rate: &gt;100 or &gt;25 and &gt;8% positivity</td>
<td>&gt;10% Increase</td>
<td>&lt;20% ICU Beds or &lt;25% Ventilators Available</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Report Date: 7/17/2020</td>
<td>213.3*</td>
<td>154.3</td>
<td>7.5%*</td>
<td>2.2%</td>
<td>31.6%</td>
<td>64.0%</td>
</tr>
<tr>
<td>Report Date: 7/16/2020</td>
<td>214.5*</td>
<td>153.2</td>
<td>7.4%*</td>
<td>-0.6%</td>
<td>32.3%</td>
<td>63.0%</td>
</tr>
<tr>
<td>Report Date: 7/15/2020</td>
<td>215.0*</td>
<td>147.2</td>
<td>7.2%*</td>
<td>-2.8%</td>
<td>32.4%</td>
<td>62.3%</td>
</tr>
<tr>
<td>Report Date: 7/14/2020</td>
<td>216.1*</td>
<td>145.3</td>
<td>7.1%*</td>
<td>-5.3%</td>
<td>33.4%</td>
<td>62.6%</td>
</tr>
<tr>
<td>Report Date: 7/13/2020</td>
<td>217.3*</td>
<td>137.0</td>
<td>6.9%*</td>
<td>-2.6%</td>
<td>34.0%</td>
<td>65.2%</td>
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<tr>
<td>Report Date: 7/12/2020</td>
<td>211.7*</td>
<td>142.9</td>
<td>6.9%*</td>
<td>0.3%</td>
<td>28.9%</td>
<td>64.1%</td>
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<tr>
<td>Report Date: 7/11/2020</td>
<td>220.8*</td>
<td>141.7</td>
<td>6.7%*</td>
<td>5.0%</td>
<td>29.5%</td>
<td>62.1%</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 Prepared by County of San Diego, Emergency Operations Center, 7/17/2020*
COVID-19 Community Outbreaks by Date Outbreak Confirmed

Total Number of Community Outbreaks = 101

7-day community outbreak trigger metric

Data are preliminary and subject to change
Prepared by County of San Diego, Emergency Operations Center, 7/17/2020
Data are preliminary and subject to change; cases among San Diego County residents
Prepared by County of San Diego, Emergency Operations Center, 7/17/2020
COVID-19 Totals and Doubling Time

Totals Since 2/14/2020 and Doubling Time by Date Reported

Cases: 22,489 (28)
Recovered: 15,224
Hospitalized: 2,154 (56)
ICU: 562 (59)
Deaths: 472 (24)

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, 7/17/2020