Reporting period: 08/23/2020 - 08/29/2020
This dashboard represents the time it takes an individual (patient or physician) to receive a COVID-19 test result after the test was taken (e.g. specimen collection). Labs that delivered more than 1,000 results in the week are included in the dashboard. The data source for the analysis is CalREDIE; detailed methodology is included at the end of the document.
Average turnaround time for week 08/23/20-08/29/20

Average turnaround time from specimen collection to lab result (days)

1.3 Days

Percentage of results meeting turnaround time of 1 day

66% % change from week prior +13%

Percentage of results meeting turnaround time of 2 days

88% % change from week prior +9%

Average turnaround time by week, days

<table>
<thead>
<tr>
<th>Week</th>
<th>Average Turnaround Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/23/20-06/06/20</td>
<td>1.9</td>
</tr>
<tr>
<td>06/07/20-06/13/20</td>
<td>1.9</td>
</tr>
<tr>
<td>06/14/20-06/20/20</td>
<td>2.0</td>
</tr>
<tr>
<td>06/21/20-06/27/20</td>
<td>2.1</td>
</tr>
<tr>
<td>06/28/20-07/04/20</td>
<td>2.7</td>
</tr>
<tr>
<td>07/05/20-07/11/20</td>
<td>2.8</td>
</tr>
<tr>
<td>07/12/20-07/18/20</td>
<td>3.1</td>
</tr>
<tr>
<td>07/19/20-07/25/20</td>
<td>3.1</td>
</tr>
<tr>
<td>07/26/20-08/01/20</td>
<td>3.6</td>
</tr>
<tr>
<td>08/02/20-08/08/20</td>
<td>2.9</td>
</tr>
<tr>
<td>08/09/20-08/15/20</td>
<td>2.1</td>
</tr>
<tr>
<td>08/16/20-08/22/20</td>
<td>1.7</td>
</tr>
<tr>
<td>08/23/20-08/29/20</td>
<td>1.3</td>
</tr>
</tbody>
</table>

1. Average turnaround times were determined based on date timestamp data only - hour timestamp currently unavailable
2. Results assigned to week based on specimen result date; Results may be delayed entering CalREDIE production, therefore the metrics retroactively change

Source: CalREDIE ELR messages received in CalREDIE production; "Specimen collected date" and "Result date" are reported by the laboratory via HL7 ELR messages

Detailed lab data on next page
### Time from specimen collection to lab result (days)

**Week of 08/23/20-08/29/20**

Information contained in this file is preliminary, and pre-public health. The testing volume in this report includes only UCHF messages received in CalREDIE production.

**Specimen collection to result average TAT (days)**

<table>
<thead>
<tr>
<th>Specimen collection to result average TAT (days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
</tr>
<tr>
<td>1.1</td>
</tr>
<tr>
<td>1.2</td>
</tr>
<tr>
<td>1.3</td>
</tr>
</tbody>
</table>

**Change in % of results within 2 days from prior period**

- Decrease in % results within 2 days from prior period
- Increase in % results within 2 days from prior period
- Defined as -1 to 1% change in results within 2 days from prior period

<table>
<thead>
<tr>
<th>Decrease in % results within 2 days from prior period</th>
</tr>
</thead>
<tbody>
<tr>
<td>94% -4%</td>
</tr>
<tr>
<td>1.2</td>
</tr>
<tr>
<td>&lt;1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Increase in % results within 2 days from prior period</th>
</tr>
</thead>
<tbody>
<tr>
<td>68% 32% 1% 0%</td>
</tr>
<tr>
<td>100% 0%</td>
</tr>
<tr>
<td>78% 16% 6% 0%</td>
</tr>
<tr>
<td>98% 1% 1% 0%</td>
</tr>
<tr>
<td>70% 14% 6% 0%</td>
</tr>
<tr>
<td>92% 8% 7% 2%</td>
</tr>
<tr>
<td>96% 3%</td>
</tr>
<tr>
<td>100% 0%</td>
</tr>
<tr>
<td>44% -26%</td>
</tr>
<tr>
<td>79% 16% 5% 0%</td>
</tr>
<tr>
<td>82% 12% 6% 0%</td>
</tr>
<tr>
<td>92% 6%</td>
</tr>
<tr>
<td>100% 0%</td>
</tr>
<tr>
<td>48% 34% 17% 1%</td>
</tr>
<tr>
<td>57% 27% 14% 2%</td>
</tr>
<tr>
<td>99% 1%</td>
</tr>
<tr>
<td>72% 25% 5% 0%</td>
</tr>
<tr>
<td>92% 9%</td>
</tr>
<tr>
<td>100% 0%</td>
</tr>
<tr>
<td>35% 30% 32% 2%</td>
</tr>
<tr>
<td>6% 25% 17% 0%</td>
</tr>
<tr>
<td>100% 0%</td>
</tr>
<tr>
<td>2% 8% 7% 2%</td>
</tr>
<tr>
<td>92% 6%</td>
</tr>
</tbody>
</table>

### Total/Commercial

- Total: 26,154
- 2% 27% 14% 2%
- 54% 12% 1.5

### Kaiser Laboratories

- Kaiser NorCal: 25,134
- Kaiser SoCal: 24,063
- Sutter Health: 11,510
- Stanford Hospital and Clinics: 7,160
- UCSD: 8,200
- Dignity Health: 7,160
- Providence Health & Services: 5,850
- Sharp HealthCare: 7,160
- UC Irvine: 5,480
- UCLA: 7,165
- Santa Clara Valley Medical Center: 4,980
- Scripps: 3,700
- Cedars-Sinai Medical Center: 3,157
- Adventist Health: 2,361
- UC Davis: 2,420
- University of Southern California - Los Angeles: 3,240
- Mayo Clinic: 2,208
- Zuckerberg San Francisco General Hospital: 2,855
- Venture County Hospital: 1,540
- Huntington Hospital: 1,467
- Children's Hospital Los Angeles: 1,269
- MemorialCare: 1,265
- Sun Clinical Laboratories: 1,244
- MLK Jr. Hospital: 1,072
- Community Medical Centers: 1,094
- Other Medical Center Affiliated (n=61): 13,274
- Total Medical Center Affiliated: 158,619

### Public Health Labs

- San Diego PHL: 4,738
- Sonoma PHL: 1,040
- Tulare PHL: 1,750
- Contra Costa PHL: 1,467
- Napa-Solano-Yolo PHL: 1,161
- Orange PHL: 1,150
- Monterey PHL: 1,050
- Other PHL (n=15): 7,757
- Total PHL: 20,468

### Medical Center Affiliated Labs

- Kaiser NorCal: 26,134
- Kaiser SoCal: 24,807
- Sutter Health: 11,600
- Stanford Hospital and Clinics: 7,165
- UCSD: 8,200
- Dignity Health: 7,165
- Providence Health & Services: 5,850
- Sharp HealthCare: 7,165
- UC Irvine: 5,480
- UCLA: 7,165
- Santa Clara Valley Medical Center: 4,980
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- Total Medical Center Affiliated: 158,619

### Commercial Labs

- Quest: 87,255
- KaiserLab/Centive: 62,304
- Genentech: 37,679
- Labcorp: 20,427
- Priva Path (dba LLC Labs): 20,124
- Color Genetics: 21,673
- WestBay Labs: 18,360
- St. Jude Reference Laboratories: 19,994
- Prime Clinical Laboratories: 15,408
- MetDiag: 5,456
- Cal-Med: 6,794
- ARUP: 4,126
- Excello: 3,646
- ZooVet: 2,460
- Valley Clinical Laboratory: 1,778
- Foundation labs: 1,582
- Ultimate Dx: 1,511
- IGI: 1,943
- Other Commercial (n=22): 3,394
- Total Commercial: 25,154

### Other Medical Centers

- Other Medical Centers (n=81):
  - Community Medical Centers: Adventist Health: 1,265
  - Cedars-Sinai Medical Center: 3,157
  - Kaiser NorCal: 26,134
  - Kaiser SoCal: 24,807
  - Sutter Health: 11,600
  - Stanford Hospital and Clinics: 7,165
  - UCSD: 8,200
  - Dignity Health: 7,165
  - Providence Health & Services: 5,850
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  - MemorialCare: 1,265
  - Sun Clinical Laboratories: 1,244
  - MLK Jr. Hospital: 1,072
  - Community Medical Centers: 1,094
  - Other Medical Center Affiliated (n=61): 13,274
  - Total Medical Center Affiliated: 158,619

### Uncategorized
- 3,394

**Notes:**
1. Data submitted on Time from specimen collection to lab result by week. This data is preliminary, and pre-public health. The testing volume in this report includes only UCHF messages received in CalREDIE production.
2. Results assigned to week based on specimen result date; Results may be delayed entering CalREDIE production, therefore the metrics retroactively change.
3. Average turnaround times were determined based on date timestamp data only - hour timestamp currently unavailable.
4. Specimen collected date and Result date are reported by the laboratory via HL7 ELR message.
Methodology for calculating lab turnaround time (TAT) from specimen collection to lab result

**Data**
- Data source - CalREDIE Electronic Lab Reporting (ELR) messages received in CalREDIE production
- “Specimen collected date” and “Result date” are reported by the laboratory via HL7 ELR messages

**Assumptions**
- Specimens collected prior to 3/1/2020 excluded from analysis due to potential concerns with data accuracy
- Current turnaround time includes shipping time. As such, for labs that process home testing kits, turnaround times may be dependent on when individuals mail back kits
- Currently, these data are available at the date level only. The categories of time are defined based on the whole day.
  - For example, within 1 day is defined as specimen collected on one day and resulted the following day (e.g., specimen collected 7/28 and resulted 7/29)
- **Sample calculation**
  - Example data: Specimen collected date: 7/20, Result date: 7/27, DISA arrival date: 7/27
  - Specimen collection to CDPH receipt of lab result = Result date (7/27) - Specimen collected date (7/20) = 7 days
  - Lab result to CDPH receipt of lab: DISA arrival date (7/27) - Result date (7/27) = <1 day

**Additional notes**
- The metrics described may differ from other state-reported data. The testing volumes in this report includes only ELR messages received in CalREDIE production
- Results are assigned to week based on specimen result date and there may be a delay in releasing results into CalREDIE production, as local health jurisdictions may still be processing the result in the reported period. As such, the metrics may retroactively change as results come in for prior reporting periods