

Turnaround Time Dashboard

Reporting period: 08/23/2020 - 08/29/2020

This dashboard represents the time it takes an individuals (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.

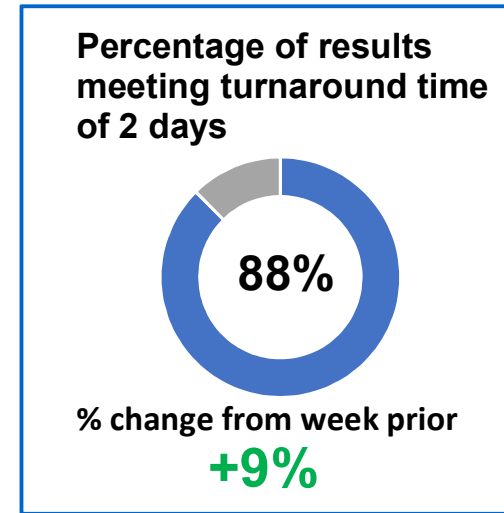
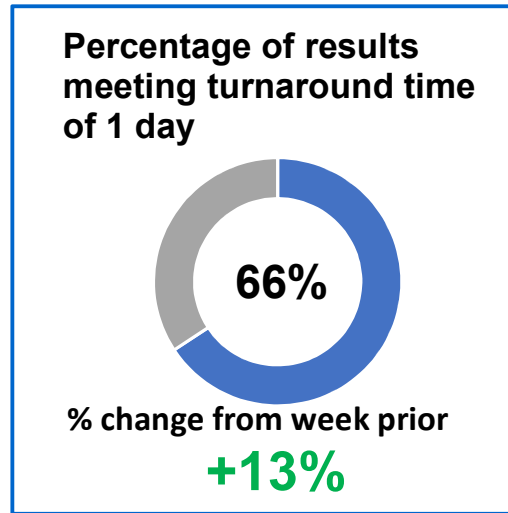


Turnaround Time, days¹

Information contained in this file is confidential, preliminary, and pre-decisional

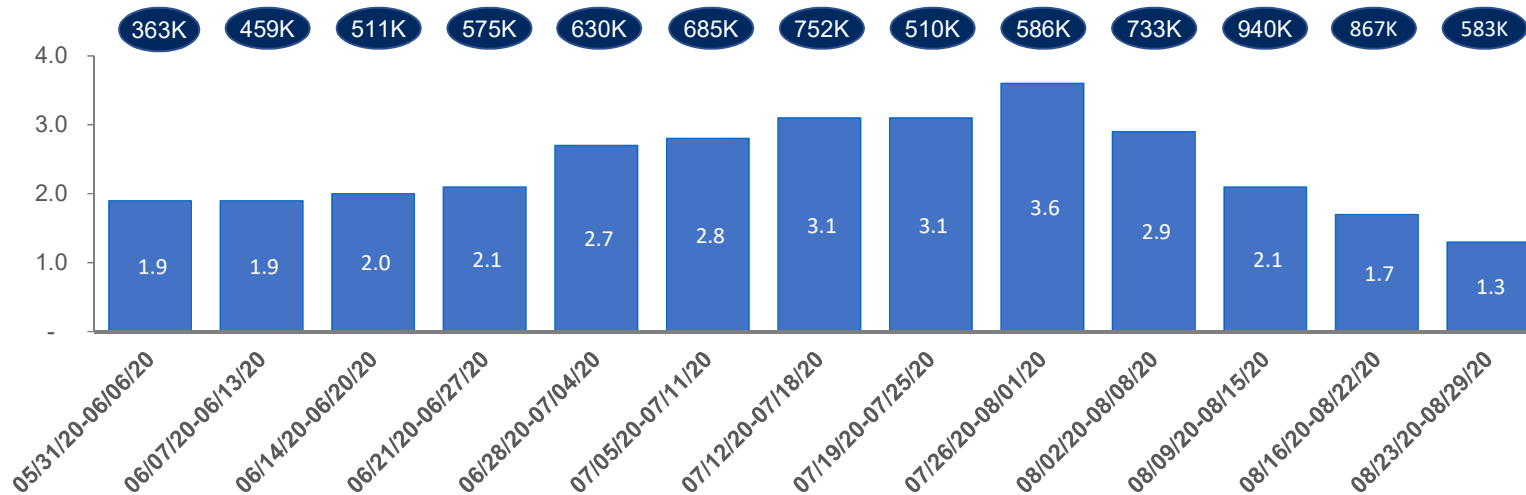
Reporting period: 08/23/20-08/29/20²

Average turnaround time for week 08/23/20-08/29/20



Average turnaround time by week, days¹

X # results (000s)



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

08/23/20-08/29/20²

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		Total test count	1 day, % of results	2 days, % of results	3 days - 4 days, % of results	5+ days, % of results	Total results within 2 days, % of results	Difference in % of results within 2 days from prior period ⁴	Specimen collection to result average TAT (days) ¹	
<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 10px; background-color: #fce4d6; margin-right: 5px;"></div> Period of time with majority of results </div> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 10px; background-color: #d4edda; margin-right: 5px; margin-left: 10px;"></div> Increase in % results within 2 days from prior period </div> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 10px; background-color: #fff3cd; margin-right: 5px; margin-left: 10px;"></div> Defined as -1 to 1% change in results within 2 days from prior period </div> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 10px; background-color: #f8d7da; margin-right: 5px; margin-left: 10px;"></div> Decrease in % results within 2 days from prior period </div>										
Total	Total	582,582	66%	22%	11%	2%	88%	▲ 9%	1.3	
Commercial Labs	Quest	87,280	14%	61%	24%	1%	75%	▲ 24%	2.2	
	KorvaLabs/Curative	62,506	89%	11%	1%	0%	99%	■ 1%	1.1	
	Fulgent Genetics	57,076	77%	17%	5%	1%	94%	▲ 3%	1.2	
	Labcorp	47,660	12%	46%	36%	6%	58%	▲ 3%	2.6	
	Priva Path (dba LGC Labs)	28,132	83%	14%	3%	0%	96%	▲ 29%	1.2	
	Color Genomics	25,427	78%	16%	6%	0%	94%	▼ -4%	1.1	
	Avellino	21,573	100%	0%	0%	0%	100%	■ 0%	<1	
	WestPac Labs	18,309	58%	31%	9%	2%	90%	▼ -4%	1.6	
	BioReference Laboratories	15,944	28%	11%	34%	26%	40%	▼ -3%	3.2	
	Primex Clinical Laboratories	5,698	100%	0%	0%	0%	100%	■ 0%	<1	
	MiraDx	5,486	91%	6%	3%	0%	97%	▼ -3%	<1	
	Calm Lab	4,710	100%	0%	0%	0%	100%	■ 0%	<1	
	ARUP	4,126	2%	27%	67%	4%	29%	▲ 13%	3.0	
	Exceltox	3,646	100%	0%	0%	0%	100%	■ 0%	<1	
	Boston Heart Diagnostics	2,460	100%	0%	0%	0%	100%	■ 0%	<1	
	Valley Clinical Laboratory	1,778	99%	1%	0%	0%	100%	■ 1%	<1	
	Foundation labs	1,582	88%	7%	4%	0%	96%	▲ 4%	1.2	
	Ultimate Dx	1,581	98%	1%	1%	0%	99%	■ 0%	<1	
	IGI	1,043	100%	0%	0%	0%	100%	■ 0%	<1	
	Other Commercial (n=22)	3,366	83%	12%	5%	1%	95%	▲ 3%	<1	
	Total Commercial	25,134	57%	27%	14%	2%	84%	▲ 12%	1.5	
	Medical Center Affiliated Labs	Kaiser NorCal	25,134	79%	16%	3%	2%	96%	■ -1%	1.2
Kaiser SoCal		24,063	95%	4%	0%	0%	100%	■ 0%	<1	
Sutter Health		11,950	98%	2%	0%	0%	100%	■ 0%	<1	
Stanford Hospital and Clinics		7,185	93%	7%	0%	0%	100%	▲ 2%	<1	
UCSF		8,361	62%	21%	14%	3%	82%	▼ -3%	1.5	
Dignity Health		7,185	82%	12%	5%	1%	94%	■ 1%	1.0	
Providence Health & Services		5,664	99%	0%	1%	0%	99%	■ 0%	<1	
Sharp HealthCare		7,185	72%	14%	5%	9%	86%	▲ 3%	1.7	
UC Irvine		5,460	48%	34%	17%	1%	82%	▲ 3%	1.6	
UCLA		7,185	99%	1%	0%	0%	100%	■ 0%	<1	
HCA		5,178	89%	10%	1%	0%	99%	▲ 5%	<1	
Santa Clara Valley Medical Center		4,060	100%	0%	0%	0%	100%	■ 0%	<1	
Scripps		3,788	100%	0%	0%	0%	100%	■ 0%	<1	
Cedars-Sinai Medical Center		3,157	92%	6%	2%	0%	98%	■ 0%	<1	
Adventist Health		2,581	79%	7%	10%	3%	87%	■ 0%	<1	
UC Davis		2,402	100%	0%	0%	0%	100%	■ 0%	<1	
University of Southern California - Los Angeles		2,246	98%	1%	1%	0%	99%	■ 0%	<1	
Mayo Clinic		2,208	21%	23%	49%	7%	44%	▼ -26%	2.6	
Zuckerberg San Francisco General Hospital		2,095	100%	0%	0%	0%	100%	■ 0%	<1	
Ventura County Hospital		1,540	99%	1%	0%	0%	100%	■ 0%	<1	
Huntington Hospital		1,467	99%	1%	0%	0%	100%	■ 0%	<1	
Children's Hospital Los Angeles		1,269	92%	8%	0%	0%	100%	■ 0%	<1	
MemorialCare		1,265	100%	0%	0%	0%	100%	■ 0%	<1	
Sun Clinical Laboratories		1,234	100%	0%	0%	0%	100%	■ 0%	<1	
MLK Jr. Hospital		1,172	90%	2%	7%	0%	93%	■ 0%	<1	
Community Medical Centers		1,004	100%	0%	0%	0%	100%	■ 0%	<1	
Other Medical Center Affiliated (n=81)		13,274	96%	3%	1%	0%	99%	■ 1%	<1	
Total Medical Center Affiliated	159,615	87%	8%	3%	1%	96%	■ 0%	<1		
Public Health Labs	San Diego PHL	4,210	65%	32%	3%	0%	97%	▲ 5%	1.4	
	Sonoma PHL	1,894	35%	30%	32%	2%	65%	▲ 9%	2.2	
	Tulare PHL	1,782	79%	16%	5%	0%	95%	▲ 2%	1.1	
	Contra Costa PHL	1,447	63%	19%	17%	0%	83%	▲ 14%	1.6	
	Napa-Solano-Yolo PHL	1,191	72%	25%	3%	0%	97%	▲ 3%	1.1	
	Orange PHL	1,155	70%	25%	5%	0%	95%	▼ -3%	1.3	
	Monterey PHL	1,050	68%	32%	1%	0%	99%	▲ 1%	1.0	
	Other PHL (n=15)	7,757	70%	19%	6%	5%	88%	■ 0%	1.5	
	Total PHL	20,486	66%	24%	8%	2%	90%	▲ 3%	1.4	
	Uncategorized³	Uncategorized	3,098	84%	8%	7%	2%	92%	▲ 6%	<1

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
 3. Uncategorized entities are reporting facilities that could not be determined to be a commercial lab, a medical center affiliated lab, or a public health lab
 4. Numbers may not add up due to rounding
 Note: The metrics described may differ from other state-reported data. The testing volumes in this report includes only ELR messages received in CalREDIE production
 Source: CalREDIE ELR messages received in CalREDIE production; "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