# **Turnaround Time Dashboard**

## Reporting period: 09/19/21 - 09/25/21

The turnaround time measured is defined as the time between collection of specimen and reporting of results. This includes time to collect the specimen, time to ship the specimen and time to process the specimen and report the result. Some delays incurred between specimen collection and lab receipt of specimen may not be attributable to the labs. The turnaround time data for individual test results are currently only available at the date level (vs. date & timestamp). As such, the turnaround time calculations are based on whole day. On occasion, turnaround time may be higher if there is a date change between collection of specimen and reporting of results. Labs that delivered more than 1,000 results in the week are included in the dashboard.

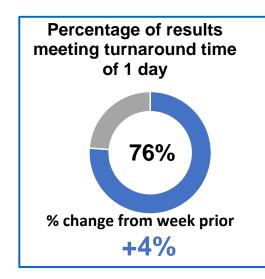
The data source for the analysis is CalREDIE; detailed methodology is included at the end of the document.

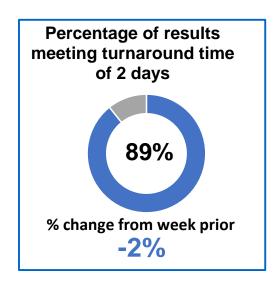


### Average turnaround time for week 09/19/21 - 09/25/21

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

**Days** 





### Average turnaround time by week, days1



<sup>1.</sup> Average turnaround times were determined based on date timestamp data only - hour timestamp currently unavailable

Detailed lab data on next page

<sup>2.</sup> Results assigned to week based on specimen result date; Results may be delayed entering CalREDIE production, therefore the metrics retroactively change

	hest share of results vithin 2 days from prior period	Total test count	1 day, % of results	2 days, % of results	3 days - 4 days, % of	5+ days, % of results	Total results within 2 days. % of results	Difference in % of results within 2 days	Specimen coll to result avera
rease in % results	ange in results within 2 days from prior period within 2 days from prior period		, i		results			from prior period <sup>4</sup>	(days)
	Total SummerBio	2,068,336	76% 98%	13%	10%	1%		-2%	1.2
	Fulgent Genetics Quest	148,776 83,368	93% 57%	6% 32%	1%	0% 1%	99%	= 1% ▼ -2%	1.1
	Curative	67,106	89%	9%	2%	0%	98%	1%	1.1
	Color Genomics Labcorp	66,073 65,353	45% 19%	27%	28%	0% 1%	72%	-15% - 4%	1.8
	COVID Clinic MyMedLab	56,414 35,902	82% 85%	9% 9%	8% 4%	1%	31.70	▼ -3% ▲ 3%	1.3
	Crestview Clinical Laboratory	31,318	15%	30%	45%	11%	44%	△ 2%	2.8
	Flow Health Helix OpCo	30,402	100%	0% 2%	0%	0%	100%	- 0%	<1
	Avellino BioReference Laboratories	27,214 26,347	68% 57%	21%	10%	1%	0570	△ 3% △ 16%	1.5
	MiraDx	26,237	41%	41%	16%	2%	82%	<b>△</b> 7%	1.8
	PREDICINE INC. MD Labs	16,522	100%	0% 7%	0%	0% 1%	100%	- 0%	<1
	Biocept	14,370	76%	16%	7%	1%	92%	<u>2%</u>	1.6
	PMH Laboratory Quickmed	11,003	72% 99%	22% 1%	4% 0%	2% 0%	100%	- 0%	1.3
	Primex Clinical Laboratories National Lab	10,390 8,757	100%	0% 2%	0% 2%	0% 2%	100%	- 0%	<1 1.0
	Verily Labs	8,670 8,112	66% 61%	16% 32%	18%	0% 1%	0276		1.5
	Inspire Health Alliance Laboratory Services of America	7,572	0%	25%	66%	9%	25%	- 0%	1.1
	Exceltox IGeneX	6,528	100%	0% 8%	0% 6%	0% 1%	100%	- 0% - 0%	<1 1.0
	DC3 Therapeutics	6,405	100%	0%	0%	0%	100%	- 0%	<1
	WestPac Labs Discover Labs	6,201 5,682	39% 53%	48%	13%	0% 2%	87%	- 0%	1.7
	ShieldT3 Phamatech Laboratories & Diagnostics	5,659	96% 98%	4% 1%	0% 1%	0%	99%	- 0%	<1
	Ambry Genetics	4,958	100%	0%	0%	0%	100%	- 0%	<1
	Cue Health Aegis Sciences	4,729	100%	0% 44%	0% 11%	0%	100%	- 0% - 3%	<1 1.7
	Pangea Labs	4,231 4,208	90%	6%	3%	0%	97%	1%	<1
	The Testing Company All Labs	4,035	31%	33%	26%	10%	64%	▼ -6%	2.3
	Dxterity Laboratory HealthQuest Esoterics	3,849	95% 77%	5% 13%	1%	0% 2%	99% 89%	- 0% ▼ -4%	<1 1.2
	Genetworx	3,582	70%	17%	11%	2%	87%	-1%	<1
	Clarity Lab Solutions Pacific Diagnostic Laboratories	3,341	99% 97%	1% 3%	0%	0%	100%	- 0% - 0%	<1
	Foundation labs	3,084 3,076	87% 92%	6% 6%	6% 2%	1%		-2%	1.3
	Brio Clinical Simple Laboratories	3,032	91%	7%	1%	0%	99%	- 0%	1.1
	Birdrock Valley Clinical Laboratory	3,030 2,634	31% 83%	44% 15%	19%	5%	75% 98%	- 0% - 7%	2.1
	Genesis Laboratory Management Healthy Care Clinical Laboratories	2,539 2,315	58% 100%	32%	7% 0%	3% 0%		9%	1.7
	Genesis Reference Laboratories	2,280	58%	27%	10%	4%	85%	▼ -5%	1.7
	Genentox Laboratories Omni Pathology	2,271	91% 78%	19%	1%	0%	99%	— 0% ▲ 4%	<1
	Clinical Reference Laboratory	2,129	13%	45% 9%	37% 7%	5% 1%		4% ♠ 9%	2.7
	Vitae Diagnostics Pacific Toxicology Labs	1,964	95%	3%	1%	1%	98%	A 7%	<1
	InnerHealth Laboratory Medical Diagnostic Laboratory	1,957	91%	3%	6%	1%	94%	- 0%	<1
	Priva Path (dba LGC Labs)	1,880	65%	25%	9%	1%	90%	- 0%	1.5
	Ashley Laboratory Path MD	1,700	100%	0%	0%	0%	100%	- 1%	<1
	Nextgen Laboratories Vikor	1,660	66%	27% 37%	6% 51%	2%	92%	<ul><li>-1%</li><li>▼ -10%</li></ul>	1.4
	renegade.bio	1,547	100%	0%	0%	0%	100%	- 0%	<1
	Equaltox Laboratory Eurofins	1,496	100% 73%	0% 19%	0% 6%	0% 2%		─ 0% ▼ -1%	<1 1.4
	GRI Labs TruGraf	1,466	21%	45%	32% 0%	2%	66% 100%	15% - 0%	2.3
	STS Lab 2	1,424	97%	2%	1%	0%	99%	-1%	<1
	Sunrise Diagnostic Laboratory  Mako Medical	1,302	97% 7%	1%	1%	9%	33%	▼ -1% △ 14%	<1 2.7
	Bach Diagnostics Biocorp	1,294	76% 100%	13%	10%	1%	89% 100%	- 11% - 0%	1.4
	Sterling Pathology	1,268	77%	15%	8%	0%	92%	- 0%	1.3
	Biological Laboratory TargetDX Laboratory	1,251	99%	1%	0%	0%	100%	- 0%	<1
	Sun Clinical Laboratories StemExpress	1,210	100% 97%	0% 2%	0%	0%	100%	- 0%	<1
	Northwest Laboratory	1,085	52%	16%	31%	0%	68%	▼ -11%	1.7
	Other Commercial (n=77) Total Commercial	16,233	81% 79%	9% 12%	8% 7%	2%	91%	0%	<1 1.1
al Center Affiliated		86,614 78,791	96% 73%	4% 27%	0%	0%	100%	- 0% - 3%	1.0
	UC Davis	38,305	97%	2%	0%	0%	100%	- 0%	<1
	UCLA UCSD	23,756 22,500	50% 75%	38% 23%	12%	0%	88% 99%	-4% - 0%	1.5
	University of Southern California - Los Angeles	20,362	100%	0% 15%	0% 2%	0%	100%	= 0% ▼ -1%	<1 <1
	Sutter Health Dignity Health	16,490	96%	3%	1%	0%	99%	- 0%	<1
	UC Irvine Stanford Hospital and Clinics	11,425	79% 98%	19%	2%	0%	98%	- 0%	1.0
	Santa Clara Valley Medical Center Calm Lab	9,941	99%	1%	0%	0%		- 0%	<1
	Innovative Genomics Institute	9,454	96%	0% 1%	0% 2%	0%	98%	■ 0% ▼ -2%	<1
	HCA Cedars-Sinal Medical Center	8,166 7,238	96% 69%	4% 18%	0% 10%	0% 2%	100%	- 0% 1%	<1 1.2
	Sharp HealthCare	6,309 6,205	87%	12%	1%	0%	99%	- 0%	<1
	Loma Linda University Health Providence Health & Services	5,852	71%	20%	8%	0%	100%	- 1%	1.0
	PathMD Scripps	5,608 5,165	98% 100%	2% 0%	0%	0%	10070	- 0%	<1
	UCSF	4,907	99%	0%	0%	0%	100%	- 0%	<1
	University of California, Riverside Community Medical Centers	3,379	70% 99%	1% 1%	29%	0%	100%	- 0%	1.5
	Children's Hospital Los Angeles Adventist Health	2,251 2,139	94%	2%	3%	0%	97%	-1%	<1
	Ventura County Hospital	1,932	100%	0%	0%	0%	100%	- 0%	<1
	Zuckerberg San Francisco General Hospital Veterans Affairs	1,792	99%	1%	0% 3%	0%	100%	- 0% - 2%	<1
	MemorialCare	1,712	100%	0% 47%	0%	0%	100%	- 0%	<1
	Premier Medical Group El Camino Health	1,470	81%	11%	6% 8%	1%		▼ -7%	1.6
	MLK Jr. Hospital Kaweah Delta	1,448	95% 100%	1%	3%	0%	97%	- 0% - 0%	<1 <1
	John Muir Health	1,182	100%	0%	0%	0%	100%	- 0%	<1
	Napa Pain Institute  Common Spirit Health	1,153	100%	0% 25%	9%	0% 3%	100%	= 0% ▲ 2%	<1
	Palomar Medical Center	1,101	100%	0%	0%	0%	100%	- 0%	<1
	Huntington Hospital Other Medical Center Affiliated (n=103)	26,775	99% 95%	1%	0% 1%	0% 1%	98%	- 0%	<1
	Total Medical Center Affiliated	463,133 143,055	87% 5%	11%	2%	0% 7%	98%	- 0%	<1
	Valencia Branch Lab (VBL) San Diego PHL	4,079	94%	6%	60%	0%	100%	- 0%	1.0
	Contra Costa PHL Sonoma PHL	2,493	70% 49%	29% 41%	0% 10%	0%		- 0% - 0%	1.3
					35%				2.2
	LA PHL	1,708	18%	47%		0%	65%	0%	
		1,708 1,346 1,323 5,857	18% 71% 83% 63%	47% 20% 17% 22%	9% 9% 0% 12%	0% 0% 0% 3%	91%	- 0% - 0%	1.4 1.0

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# 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
- Only labs processing at least 1K tests during the reporting period are included in the lab breakdown
- The turnaround time measured is defined as the time between collection of specimen and reporting of results.
  - \_ This includes time to collect the specimen, time to ship the specimen and time to process the specimen and report the result. Some delays incurred between specimen collection and lab receipt of specimen may not be attributable to the labs.
- The turnaround time data for individual test results are currently only available at the date level (vs. date & timestamp). As such, the turnaround time
  calculations are based on whole day. On occasion, turnaround time may be higher if there is a date change between collection of specimen and reporting of
  results.
- 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
- The metrics described may differ from other state-reported data. The testing volumes in this report includes only ELR messages received in CalREDIE production.

