

Turnaround Time Dashboard

Reporting period: 10/03/21 - 10/09/21

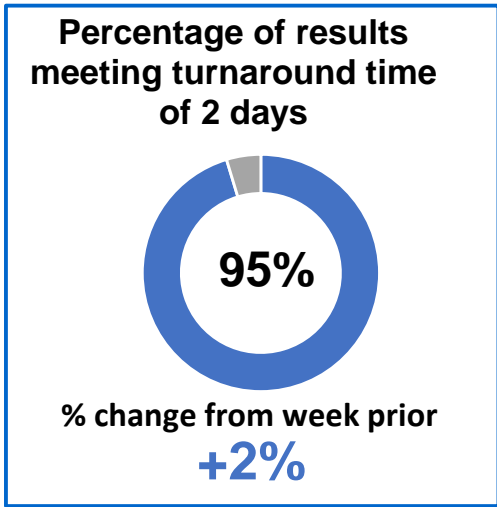
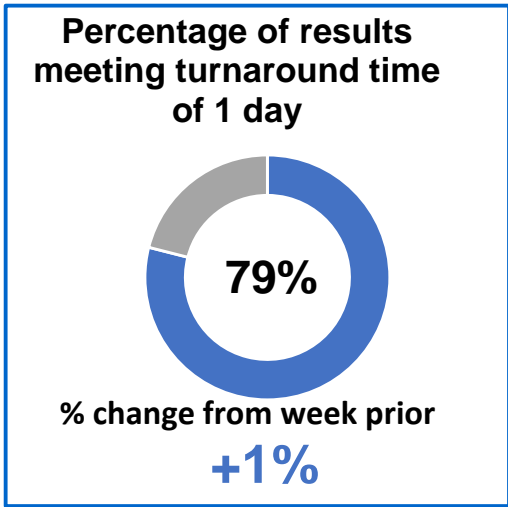
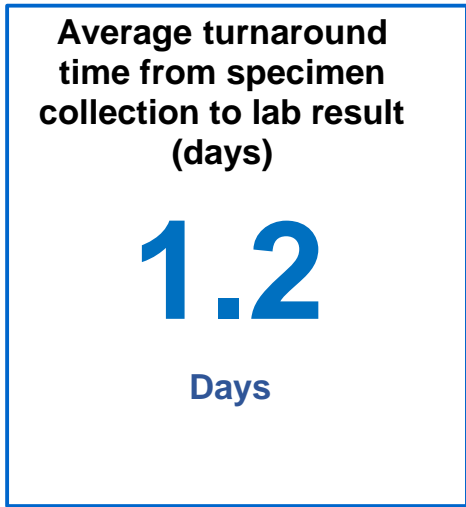
The turnaround time measured is defined as the time between collection of specimen and reporting of results. This includes time to collect the specimen, time to ship the specimen and time to process the specimen and report the result. Some delays incurred between specimen collection and lab receipt of 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.



Turnaround Time, days¹

Reporting period: 10/03/21 - 10/09/21 ²

Average turnaround time for week 10/03/21 - 10/09/21



Average turnaround time by week, days¹



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 CaIREDIE production, therefore the metrics retroactively change

Source: CaIREDIE ELR messages received in CaIREDIE 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 10/03/21 - 10/09/21							
	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 ¹	Specimen collection to result average TAT (days)	
Total		1,557,463	79%	16%	4%	1%	95%	2%	1.2
Commercial		418,530	96%	4%	0%	0%	100%	0%	<-1
SummerBio		141,133	95%	4%	1%	0%	99%	0%	1.1
Fulgent Genetics		79,794	68%	26%	5%	1%	94%	1%	1.4
Quest		50,998	76%	16%	7%	1%	92%	-4%	1.4
Labcorp		50,624	32%	59%	8%	0%	91%	5%	1.8
Curative		46,048	90%	8%	2%	1%	97%	-1%	1.1
Color Genomics		34,372	30%	58%	13%	0%	87%	-5%	1.8
MyMedLab		27,274	18%	24%	50%	8%	42%	-42%	17.4
HeliOx		24,554	49%	34%	17%	1%	82%	-4%	1.7
Avelino		20,555	73%	16%	8%	2%	90%	3%	1.5
Flow Health		19,384	100%	0%	0%	0%	100%	0%	<-1
PREDICINE INC.		16,959	100%	0%	0%	0%	100%	0%	<-1
BioReference Laboratories		14,530	100%	0%	0%	0%	100%	0%	<-1
Crestview Clinical Laboratory		13,660	55%	18%	21%	5%	73%	11%	2.5
Inspire Health Alliance		13,254	65%	33%	2%	0%	98%	0%	1.4
Quickmed		12,269	100%	0%	0%	0%	100%	0%	<-1
Biocept		12,132	73%	16%	10%	1%	89%	-4%	1.4
PHH Laboratory		11,271	67%	26%	6%	1%	93%	1%	1.4
MD Labs		11,010	99%	0%	0%	0%	100%	1%	<-1
Primex Clinical Laboratories		10,641	100%	0%	0%	0%	100%	0%	<-1
Verity Labs		8,699	53%	31%	16%	1%	84%	2%	1.6
Laboratory Services of America		7,647	5%	89%	5%	1%	94%	14%	2.0
National Lab		6,488	93%	7%	0%	0%	100%	0%	1.1
WestPac Labs		5,892	46%	48%	6%	0%	94%	0%	1.6
The Testing Company		5,072	100%	0%	0%	0%	100%	0%	<-1
Bro Clinical		5,041	93%	5%	1%	0%	98%	0%	1.1
UDL		5,038	97%	2%	1%	0%	99%	1%	<-1
IDeasX		5,005	89%	6%	4%	1%	95%	2%	<-1
Amby Genetics		5,715	100%	0%	0%	0%	100%	0%	<-1
Exceltox		5,654	100%	0%	0%	0%	100%	0%	<-1
Pharmatech Laboratories & Diagnostics		5,554	100%	0%	0%	0%	100%	0%	<-1
Shield3		5,199	98%	2%	0%	0%	100%	0%	<-1
Cue Health		5,028	100%	0%	0%	0%	100%	0%	<-1
Omni Pathology		4,723	99%	0%	0%	0%	100%	0%	<-1
Discover Labs		4,568	71%	22%	3%	4%	93%	4%	1.5
Angio Sciences		4,354	57%	34%	8%	1%	92%	2%	1.6
AIF Labs		4,140	41%	34%	21%	4%	75%	10%	2.0
Dsterity Laboratory		3,797	96%	2%	1%	0%	99%	0%	<-1
Pangea Labs		3,669	96%	4%	0%	0%	100%	1%	<-1
Healthy Care Clinical Laboratories		3,656	100%	0%	0%	0%	100%	0%	<-1
HealthyQuest Esoteric		3,191	80%	11%	8%	1%	91%	-2%	<-1
Clarity Lab Solutions		3,178	99%	0%	0%	0%	100%	0%	<-1
Pacific Diagnostic Laboratories		3,038	98%	1%	0%	0%	100%	0%	<-1
Foundation Labs		2,754	89%	9%	2%	0%	98%	1%	1.1
Simple Laboratories		2,724	96%	3%	1%	0%	99%	1%	1.0
Genetworx		2,663	74%	17%	8%	1%	91%	5%	<-1
One Health Laboratory		2,601	100%	0%	0%	0%	100%	0%	<-1
Genesis Reference Laboratories		2,578	75%	16%	9%	1%	91%	3%	1.6
InnerHealth Laboratory		2,512	98%	2%	0%	0%	100%	5%	<-1
Northwest Laboratory		2,378	74%	24%	2%	0%	98%	13%	1.2
Vitas Diagnostics		2,226	83%	11%	6%	0%	94%	-4%	1.1
Valley Clinical Laboratory		2,181	89%	8%	3%	0%	97%	0%	<-1
Clinical Reference Laboratory		2,154	11%	56%	26%	6%	68%	-3%	2.4
Genesis Laboratory Management		2,033	54%	34%	10%	2%	88%	7%	1.6
Nextgen Laboratories		1,844	68%	26%	3%	2%	95%	5%	1.4
Ashley Laboratory		1,823	100%	0%	0%	0%	100%	0%	<-1
Biological Laboratory		1,821	99%	1%	0%	0%	100%	1%	<-1
Sterling Pathology		1,800	67%	23%	10%	0%	90%	2%	1.4
Medical Diagnostic Laboratory		1,742	100%	0%	0%	0%	100%	0%	<-1
Bach Diagnostics		1,691	74%	14%	12%	0%	88%	-5%	1.4
Priva Path (dba LGC Labs)		1,590	62%	26%	11%	1%	88%	2%	1.6
TruGra		1,573	100%	0%	0%	0%	100%	0%	<-1
Birdrock		1,492	20%	29%	40%	11%	49%	-15%	2.9
renegade.bio		1,468	100%	0%	0%	0%	100%	0%	<-1
Eurofins		1,427	65%	30%	3%	1%	96%	2%	1.4
Equatrol Laboratory		1,339	100%	0%	0%	0%	100%	0%	<-1
Biocept		1,306	100%	0%	0%	0%	100%	0%	<-1
Sunrise Diagnostic Laboratory		1,305	84%	13%	3%	0%	97%	18%	<-1
StemExpress		1,251	94%	4%	1%	0%	99%	0%	<-1
ORI Labs		1,196	45%	20%	23%	12%	65%	0%	2.5
Path MD		1,171	99%	1%	0%	0%	100%	1%	<-1
TargetDX Laboratory		1,138	100%	0%	0%	0%	100%	0%	<-1
STS Lab 2		1,135	99%	1%	0%	0%	100%	0%	<-1
Basis Diagnostics		1,134	100%	0%	0%	0%	100%	0%	<-1
Sun Clinical Laboratories		1,122	100%	0%	0%	0%	100%	0%	<-1
Universal Diagnostic Laboratories		1,122	98%	1%	1%	0%	99%	-1%	<-1
Vikor		1,093	0%	53%	42%	7%	53%	-4%	2.8
Commercial		1,026	50%	26%	21%	3%	76%	0%	2.0
Other Commercial (n=76)		14,502	86%	8%	5%	1%	94%	0%	<-1
Medical Center Affiliated		1,273,103	81%	14%	4%	1%	95%	0%	1.3
Kaiser SoCal		80,000	97%	3%	0%	0%	100%	0%	<-1
Kaiser NorCal		69,087	83%	17%	0%	0%	100%	0%	1.1
UC Davis		62,885	98%	2%	0%	0%	100%	0%	<-1
UCLA		36,588	72%	19%	9%	1%	91%	1%	1.3
UCSD		18,327	84%	15%	0%	0%	99%	1%	<-1
University of Southern California - Los Angeles		16,571	81%	19%	0%	0%	100%	0%	<-1
Dignity Health		14,748	97%	2%	0%	0%	99%	0%	<-1
Sutter Health		9,423	96%	4%	0%	0%	100%	0%	<-1
Stanford Hospital and Clinics		9,207	100%	0%	0%	0%	100%	0%	<-1
Calm Lab		8,793	100%	0%	0%	0%	100%	0%	<-1
UC Irvine		8,556	88%	12%	1%	0%	99%	1%	<-1
Santa Clara Valley Medical Center		8,556	99%	1%	0%	0%	100%	0%	<-1
HCA		6,663	98%	2%	0%	0%	100%	0%	<-1
Providence Health & Services		6,194	100%	0%	0%	0%	100%	2%	<-1
Sharp HealthCare		6,040	96%	4%	0%	0%	100%	0%	<-1
PathMD		5,477	99%	1%	0%	0%	100%	0%	<-1
Cedars-Sinai Medical Center		5,313	71%	20%	8%	2%	90%	5%	1.1
Scripps		4,817	100%	0%	0%	0%	100%	0%	<-1
UCSF		4,378	98%	2%	0%	0%	100%	0%	<-1
Community Medical Centers		4,328	97%	3%	0%	0%	100%	0%	<-1
Loma Linda University Health		4,235	99%	1%	0%	0%	100%	0%	<-1
Adventist Health		2,181	99%	1%	0%	0%	100%	0%	<-1
Ventura County Hospital		1,892	100%	0%	0%	0%	100%	0%	<-1
Children's Hospital Los Angeles		1,741	96%	1%	3%	0%	97%	-1%	<-1
MemorialCare		1,666	100%	0%	0%	0%	100%	0%	<-1
Zuckerberg San Francisco General Hospital		1,436	98%	2%	0%	0%	100%	0%	<-1
MLK Jr. Hospital		1,403	94%	1%	5%	0%	95%	-2%	<-1
El Camino Health		1,312	99%	1%	0%	0%	100%	0%	<-1
Hopa Path Institute		1,295	100%	0%	0%	0%	100%	0%	<-1
Veterans Affairs		1,220	96%	2%	2%	0%	98%	0%	<-1
Kaweah Delta		1,205	100%	0%	0%	0%	100%	0%	<-1
John Muir Health		1,184	100%	0%	0%	0%	100%	0%	<-1
Huntington Hospital		1,063	99%	0%	0%	0%	100%	0%	<-1
Common Spirit Health		1,024	60%	27%	9%	4%	87%	0%	1.7
Other Medical Center Affiliated (n=103)		27,362	97%	2%	1%	0%	99%	0%	<-1
PHL		401,327	91%	8%	1%	0%	99%	0%	<-1
Valencia Branch Lab (VBL)		183,155	31%	59%	10%	0%	89%	23%	1.8
San Diego PHL		4,007	94%	0%	0%	0%	100%	0%	<-1
Contra Costa PHL		2,539	86%	14%	0%	0%	100%	0%	1.1
San Francisco PHL		2,503	71%	29%	0%	0%	100%	0%	1.3
Orange PHL		1,354	93%	6%	1%	0%	99%	0%	<-1
LA PHL		1,338	28%	37%	35%	1%	65%	0%	2.2
Sonoma PHL		1,192	40%	53%	8%	0%	92%	0%	1.7
Other PHL (n=16)		5,018	60%	25%	12%	3%	85%	0%	2.1
Total		291,628	34%	56%	10%	0%	95%	0%	1.8
Uncategorized		60,311	91%	6%	3%	1%	95%	0%	<-1

1. Average turnaround time was determined based on date time-stamped data only - hour time-stamped currently unavailable
2. Results assigned to zero based on specimen read date. Results may be delayed entering CAPRIE production. Review the matrix retroactively change
3. Uncategorized results are reporting facilities that could not be determined to be commercial, medical center affiliated, or a public health lab
Note: The matrix reported may differ from other state reported data. The matrix values in this report include only ELR messages received in CAPRIE production
Source: CAPRIE ELR messages received in CAPRIE production. Specimen collected date and "Tested 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
- 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