

Turnaround Time Dashboard

Reporting period: 09/27/2020 - 10/03/2020

The turnaround time measured is defined 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.

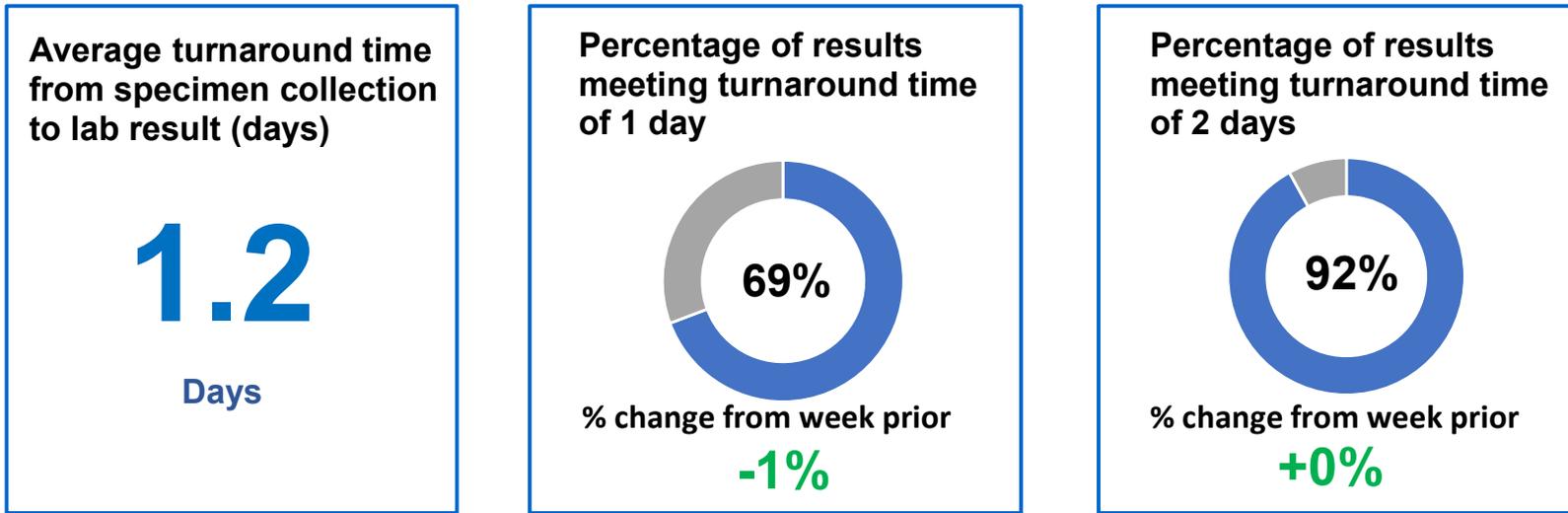


Turnaround Time, days¹

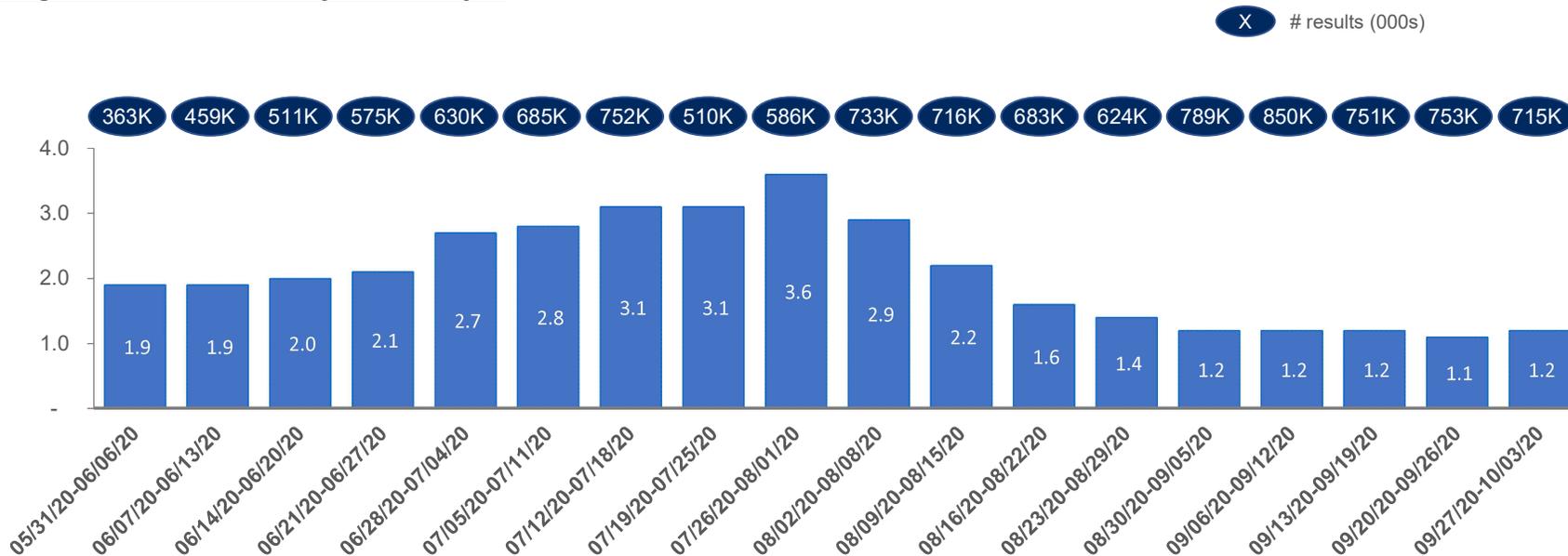
Information contained in this file is preliminary and pre-decisional

Reporting period: 09/27/20-10/03/20²

Average turnaround time for week 09/27/20-10/03/20



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 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 09/27/20-10/03/20²

Information contained in this file is preliminary and pre-decisional

		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) ³	
Total		715,600	69%	23%	7%	1%	92%	0%	1.2	
Commercial Labs	Quest	91,629	21%	57%	21%	1%	78%	3%	2.1	
	Fulgent Genetics	74,238	87%	11%	2%	0%	98%	1%	1.1	
	Labcorp	68,635	23%	60%	16%	1%	83%	0%	2.0	
	KorvaLabs/Curative	64,382	85%	14%	1%	0%	99%	0%	1.0	
	Priva Path (dba LGC Labs)	31,028	89%	10%	1%	0%	99%	1%	1.0	
	Avellino	28,958	100%	0%	0%	0%	100%	0%	<1	
	MiraDx	27,253	92%	5%	2%	0%	97%	0%	<1	
	Color Genomics	27,111	97%	2%	0%	0%	100%	1%	<1	
	WestPac Labs	18,880	70%	23%	7%	1%	92%	1%	1.4	
	BioReference Laboratories	14,941	35%	40%	23%	2%	75%	-6%	1.9	
	Exceltox	7,818	100%	0%	0%	0%	100%	0%	<1	
	Primex Clinical Laboratories	6,867	100%	0%	0%	0%	100%	0%	<1	
	StemExpress	4,938	94%	5%	0%	0%	99%	2%	<1	
	ARUP	3,646	2%	6%	82%	10%	7%	1%	3.7	
	AIT Labs	3,361	17%	56%	24%	2%	73%	-1%	2.2	
	Genesis Laboratory Management	2,904	74%	16%	6%	4%	90%	-1%	1.4	
	Biocept	2,794	100%	0%	0%	0%	100%	0%	<1	
	iGeneX	2,553	82%	14%	3%	1%	96%	-1%	1.2	
	Foundation labs	2,327	78%	12%	10%	0%	90%	-5%	1.3	
	MD Labs	2,298	100%	0%	0%	0%	100%	0%	<1	
	SummerBio	2,214	100%	0%	0%	0%	100%	0%	<1	
	Calm Lab	1,945	100%	0%	0%	0%	100%	0%	<1	
	Valley Clinical Laboratory	1,783	97%	3%	0%	0%	100%	0%	<1	
	Genesis Reference Laboratories	1,295	65%	23%	11%	2%	87%	3%	1.6	
	Mako Medical	1,064	100%	0%	0%	0%	100%	0%	<1	
	Sunrise Diagnostic Laboratory	1,033	99%	1%	0%	0%	100%	0%	<1	
	CMB Labs	1,011	100%	0%	0%	0%	100%	0%	<1	
	Other Commercial (n=43)	8,203	93%	5%	2%	0%	98%	4%	<1	
	Total Commercial	506,009	65%	26%	8%	1%	91%	1%	1.3	
	Medical Center Affiliated Labs	Kaiser NorCal	34,993	56%	36%	7%	1%	92%	-2%	1.5
		Kaiser SoCal	16,511	84%	14%	1%	0%	99%	-1%	1.0
		Sutter Health	11,828	98%	2%	0%	0%	100%	0%	<1
		Dignity Health	9,763	90%	8%	1%	1%	98%	1%	<1
UCSF		9,589	58%	26%	14%	2%	84%	-8%	1.5	
Stanford Hospital and Clinics		9,396	96%	4%	0%	0%	100%	0%	<1	
UC Irvine		9,078	47%	41%	10%	2%	88%	18%	1.6	
Providence Health & Services		7,200	91%	3%	4%	2%	94%	-1%	<1	
Sharp HealthCare		6,164	67%	15%	7%	10%	82%	-2%	1.8	
Santa Clara Valley Medical Center		6,072	94%	6%	0%	0%	100%	0%	<1	
UCLA		5,736	100%	0%	0%	0%	100%	0%	<1	
HCA		4,773	98%	2%	0%	0%	100%	0%	<1	
Scripps		3,920	100%	0%	0%	0%	100%	0%	<1	
Cedars-Sinai Medical Center		3,252	84%	9%	7%	0%	92%	-2%	1.0	
Adventist Health		2,924	82%	4%	11%	3%	86%	-2%	<1	
Zuckerberg San Francisco General Hospital		2,372	100%	0%	0%	0%	100%	0%	<1	
UC Davis		2,302	100%	0%	0%	0%	100%	0%	<1	
Sun Clinical Laboratories		1,890	100%	0%	0%	0%	100%	0%	<1	
Children's Hospital Los Angeles		1,799	87%	12%	1%	0%	99%	0%	<1	
Ventura County Hospital		1,767	100%	0%	0%	0%	100%	0%	<1	
Loma Linda University Health		1,625	92%	1%	7%	0%	93%	4%	<1	
Huntington Hospital		1,570	100%	0%	0%	0%	100%	1%	<1	
Community Medical Centers		1,479	100%	0%	0%	0%	100%	0%	<1	
Contra Costa Medical Center		1,475	86%	10%	3%	0%	96%	-3%	1.0	
Mayo Clinic		1,462	46%	28%	26%	0%	73%	-9%	1.4	
University of Southern California - Los Angeles		1,386	94%	4%	2%	0%	98%	2%	<1	
MLK Jr. Hospital		1,157	81%	13%	6%	0%	94%	2%	1.0	
MemorialCare		1,386	100%	0%	0%	0%	100%	0%	<1	
Other Medical Center Affiliated (n=86)		15,655	97%	2%	1%	0%	99%	2%	<1	
Total Medical Center Affiliated		178,220	80%	15%	4%	1%	95%	0%	<1	
Public Health Labs	San Diego PHL	5,627	74%	24%	2%	0%	98%	1%	1.3	
	Contra Costa PHL	2,722	89%	10%	0%	0%	99%	1%	1.0	
	San Francisco PHL	2,341	67%	28%	5%	0%	95%	6%	1.4	
	Monterey PHL	1,683	84%	15%	0%	0%	100%	0%	<1	
	Napa-Solano-Yolo PHL	1,347	89%	8%	3%	0%	97%	-2%	<1	
	Orange PHL	1,302	72%	23%	5%	0%	95%	4%	1.3	
	LA PHL	1,218	56%	19%	2%	22%	76%	-13%	4.4	
	Tulare PHL	1,217	76%	15%	8%	0%	91%	-4%	1.1	
	Other PHL (n=14)	6,214	59%	22%	18%	1%	81%	-7%	1.5	
	Total PHL	23,591	72%	20%	7%	2%	92%	-2%	1.4	
Uncategorized ¹	7,642	64%	21%	10%	4%	86%	-9%	1.2		

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 CAPRIE production, therefore the metrics retroactively change
 3. Uncategorized entries 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 due to rounding
 Note: The metrics described may differ from other state-reported data. The testing volumes in this report include only ELR messages received in CAPRIE production
 Source: CAPRIE/ELR messages received in CAPRIE 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
- Only labs processing at least 1K tests during the reporting period are included in the lab breakdown
- The turnaround time measured is defined 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