

Occupation Profile

[Change Occupation](#)

Medical and Clinical Laboratory Technicians

(SOC Code : 29-2012)

in San Diego County

Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist.

Employers are usually looking for candidates with a Associate degree .

San Diego County is the same as San Diego-Carlsbad MSA.

Occupational Wages

[\[Top\]](#)

Wages for this occupation in San Diego County are not available.

[View Wages for All Areas](#) [About Wages](#)

Occupational Projections of Employment (also called "Outlook" or "Demand")

[\[Top\]](#)

Area	Estimated Year-Projected Year	Employment		Employment Change		Annual Avg Openings
		Estimated	Projected	Number	Percent	
San Diego County	2016 - 2026	2,430	2,650	220	9.1	176

[View Projections for All Areas](#) [About Projections](#)

Job Openings from JobCentral National Labor Exchange

[\[Top\]](#)

Enter a Zip Code [Find a Zip code in San Diego County](#)

Within miles of Zip Code.

[Search Jobs](#)

Possible Licenses Required and Issuing Authority

[\[Top\]](#)

License Title	License Authority
Medical Laboratory Technician	California Department of Public Health Laboratory Field Services Personnel Licensing section http://www.cdph.ca.gov

[About Licenses](#)

Industries Employing This Occupation (click on Industry Title to View Employers List)

[\[Top\]](#)

Industry Title	Number of Employers in San Diego County	Percent of Total Employment for Occupation in State of California
----------------	--	---

Medical and Diagnostic Laboratories	237	33.2%
General Medical and Surgical Hospitals	109	32.0%
Offices of Physicians	4,137	10.2%
Outpatient Care Centers	709	9.9%
Colleges and Universities	136	3.0%
Other Ambulatory Health Care Services	1,196	2.7%
Employment Services	425	1.5%
Other Hospitals	13	1.4%

About Staffing Patterns

Training Programs (click on title for more information) [\[Top\]](#)

Program Title

[Clinical/Medical Laboratory Assistant](#)

[Clinical/Medical Laboratory Technician](#)

About Training & Apprenticeships

About This Occupation (from O*NET - The Occupation Information Network) [\[Top\]](#)

Top Tasks (Specific duties and responsibilities of this job.)

Conduct chemical analyses of body fluids, such as blood or urine, using microscope or automatic analyzer to detect abnormalities or diseases and enter findings into computer.

Conduct blood tests for transfusion purposes and perform blood counts.

Examine cells stained with dye to locate abnormalities.

Set up, maintain, calibrate, clean, and test sterility of medical laboratory equipment.

Analyze the results of tests or experiments to ensure conformity to specifications, using special mechanical or electrical devices.

Analyze and record test data to issue reports that use charts, graphs, or narratives.

Consult with a pathologist to determine a final diagnosis when abnormal cells are found.

Prepare standard volumetric solutions or reagents to be combined with samples, following standardized formulas or experimental procedures.

Inoculate fertilized eggs, broths, or other bacteriological media with organisms.

Collect blood or tissue samples from patients, observing principles of asepsis to obtain blood sample.

[More Tasks for Medical and Clinical Laboratory Technicians](#)

Top Skills used in this Job

Active Listening - Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.

Critical Thinking - Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

Reading Comprehension - Understanding written sentences and paragraphs in work related documents.

Science - Using scientific rules and methods to solve problems.

Operation Monitoring - Watching gauges, dials, or other indicators to make sure a machine is working properly.

Speaking - Talking to others to convey information effectively.

Active Learning - Understanding the implications of new information for both current and future problem-solving and decision-making.

Monitoring - Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.

Quality Control Analysis - Conducting tests and inspections of products, services, or processes to evaluate quality or performance.

Writing - Communicating effectively in writing as appropriate for the needs of the audience.

[More Skills for Medical and Clinical Laboratory Technicians](#)

Top Abilities (Attributes of the person that influence performance in this job.)

Near Vision - The ability to see details at close range (within a few feet of the observer).

Oral Expression - The ability to communicate information and ideas in speaking so others will understand.

Problem Sensitivity - The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.

Information Ordering - The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations).

[More Abilities for Medical and Clinical Laboratory Technicians](#)

Top Work Values (Aspects of this job that create satisfaction.)

Support - Occupations that satisfy this work value offer supportive management that stands behind employees.

Relationships - Occupations that satisfy this work value allow employees to provide service to others and work with co-workers in a friendly non-competitive environment.

[More WorkValues for Medical and Clinical Laboratory Technicians](#)

Top Interests (The types of activities someone in this job would like.)

Realistic - Realistic occupations frequently involve work activities that include practical, hands-on problems and solutions. They often deal with plants, animals, and real-world materials like wood, tools, and machinery. Many of the occupations require working outside, and do not involve a lot of paperwork or working closely with others.

Investigative - Investigative occupations frequently involve working with ideas, and require an extensive amount of thinking. These occupations can involve searching for facts and figuring out problems mentally.

[More Interests for Medical and Clinical Laboratory Technicians](#)

Alternate Titles

Histologic Technicians; Laboratory Assistants; Laboratory Associates; Laboratory Technicians; Medical Laboratory Technicians (MLTs); Phlebotomists; Toxicology Laboratory Technicians

Related Links

[LMI for Job Seekers](#)

[Local Area Profile](#)

[Compare Occupations](#)

[O*Net - The Occupation Information Network](#)

> [Ask EDD](#)

> [Online Services](#)


> [Forms and Publications](#)

> [Labor Market Information](#)

> [Office Locator](#)

> [Información general en español](#)

Select Language 

Powered by  [Google Translate](#)

[View Disclaimer](#)