

Life Sciences

Labor Market
Summary

San Diego County 2014



Summary

Life Sciences/Biotechnology is a sector that exists at the crossroads of innovative scientific research and the dynamic market economy. It is comprised of professionals, scientific and technical industries that involve the scientific study of living organisms. The sector is focused on finding solutions for the world's greatest challenges in healthcare, agriculture, and sustainability. In San Diego County, the Life Sciences sector employs 45,000 workers in more than 1,400 establishments. The following data shows the status and anticipated growth

Subsectors and Jobs in Highest Demand

Subsectors	Job Titles
Agricultural Feedstock & Chemicals	Research associate or assistant
Drugs & Pharmaceuticals	Quality control associate, assistant, or coordinator
Medical Devices & Equipment	Medical lab technician or clinical lab scientist
Bioscience-related Distribution	Materials handler or supply-chain technician
M-Health or Wireless Health	Regulatory affairs specialist or analyst
Research, Testing, & Medical Labs	Manufacturing or production technician
	Lab assistant or technician
	Sales representatives or development specialists

Figure 6: Average Anticipated 12-Month Growth by Occupation

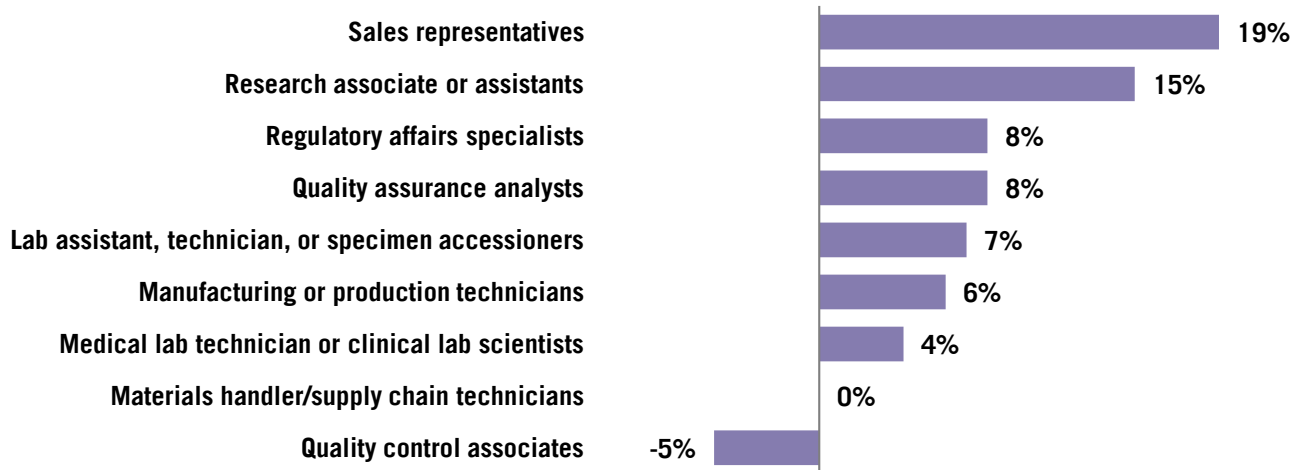
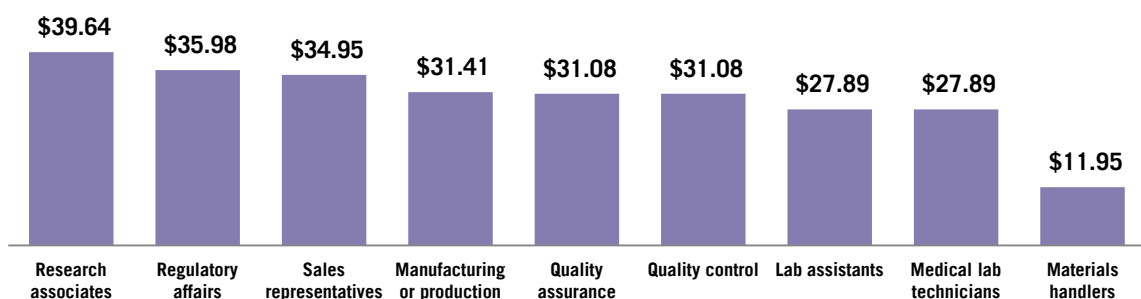
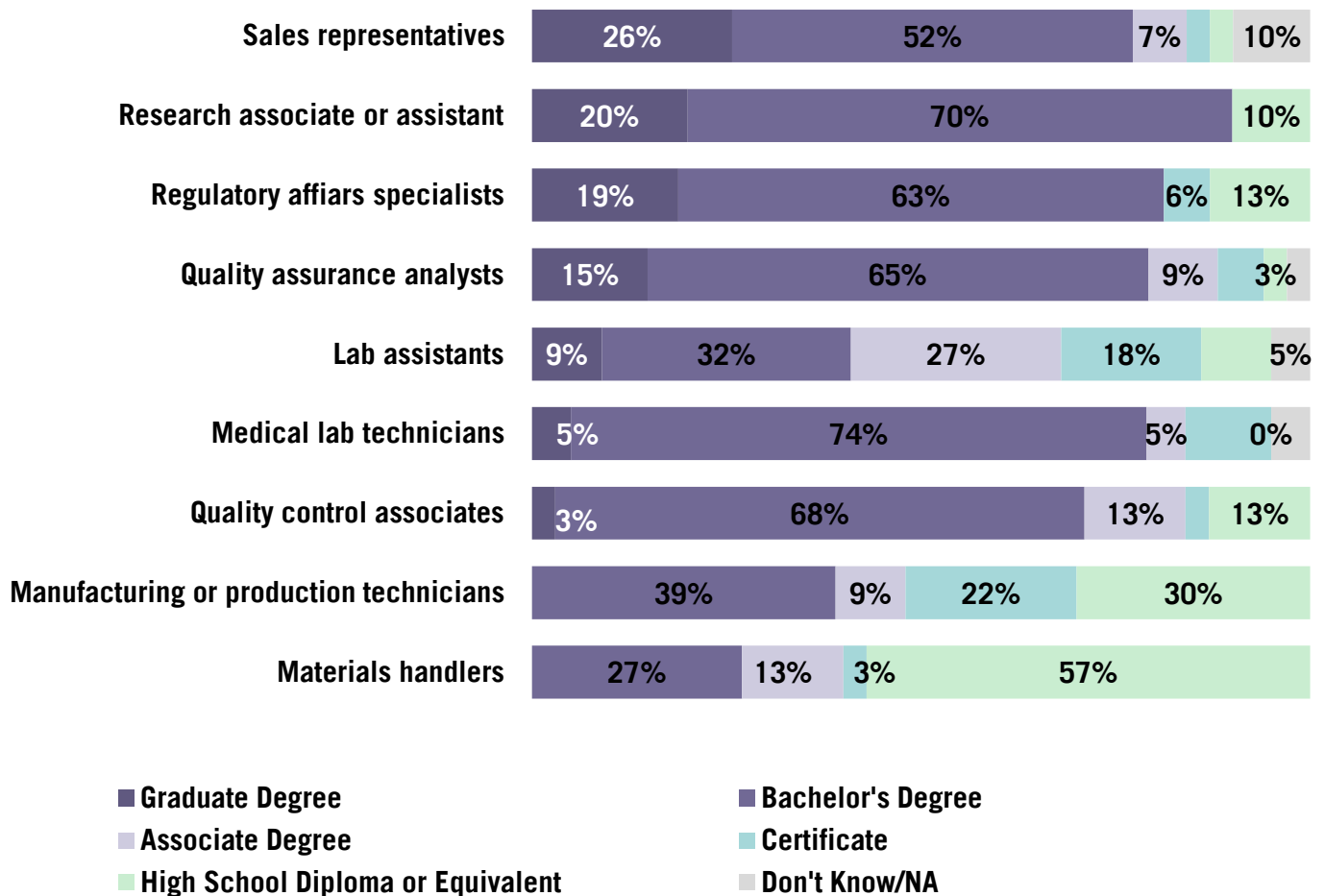


Figure 8: Median Hourly Wages by Occupation³⁰



The following information has been collected from the Life Sciences Labor Market Analysis San Diego County October 2014 produced in collaboration by San Diego Workforce Partnership, California Community Colleges San Diego Imperial Counties Regional Consortium, and the Centers of Excellence. This information can be found in its entirety at workforce.org/reports.

Figure 12: Educational Requirements by Occupation³⁵



Occupation-related Training Programs San Diego County

Occupation	Provider/Institution	Type of Program
Lab Assistant	MiraCosta College	Certificate, Associate
	Miramar College	Associate
	San Diego City College	Associate
	Southwestern College	Certificate, Associate
	UC San Diego	Bachelor
	San Diego State University	Bachelor, Master
Manufacturing or Production Technician	San Diego City College	Certificate, Associate
Materials Handler	Southwestern College	Certificate
	University of San Diego	Certificate, Master
Medical Lab Technician	Miramar College	Certificate, Associate
	Southwestern College	Associate
Quality Assurance & Control	San Diego State University	Master
Regulatory Affairs Specialist	National University	Bachelor
Sales Representative	San Diego State University	Master

Health Care

Labor Market Summary

San Diego County 2014

The following information has been collected from the Health Care Labor Market Analysis San Diego County October 2014 produced in collaboration by the Health Workforce Initiative, San Diego Workforce Partnership, California Community Colleges San Diego Imperial Counties Regional Consortium, and the Centers of Excellence. This information can be found in its entirety at workforce.org/reports.

Summary

Health Care is one of the largest and fastest growing sectors of the U.S. economy. The Health Care sector employs over 100,000 workers in San Diego County and 1,500 workers in Imperial County. One in every 10 jobs in San Diego is health-services related. These numbers are expected to grow by 13% and 25%, respectively, over the next five years. The following data shows the status and anticipated growth in this sector.

Figure 5: Largest Occupations by Current Employment in San Diego and Imperial Counties³¹

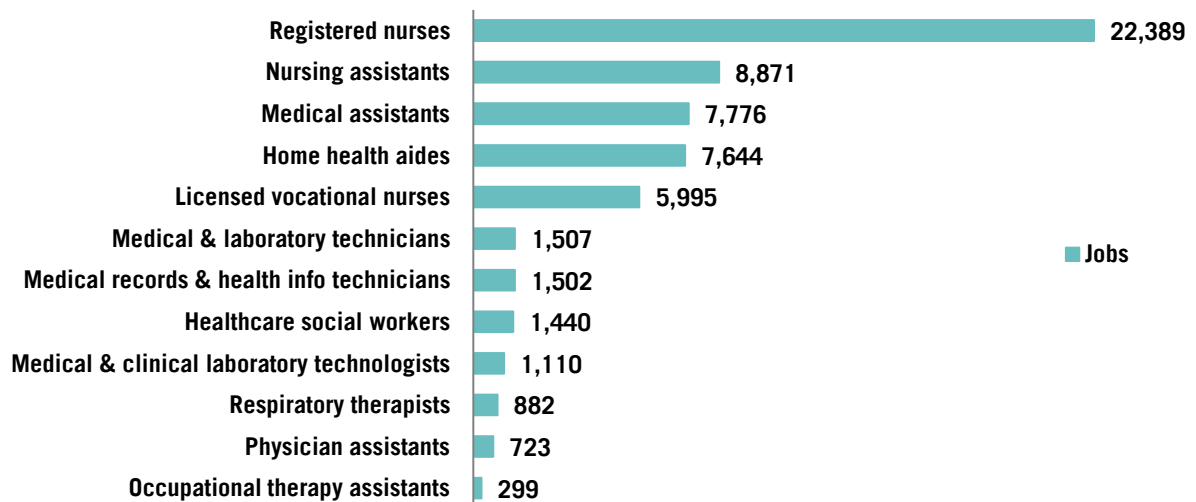


Figure 7: Median Hourly Wages in San Diego and Imperial Counties⁴¹

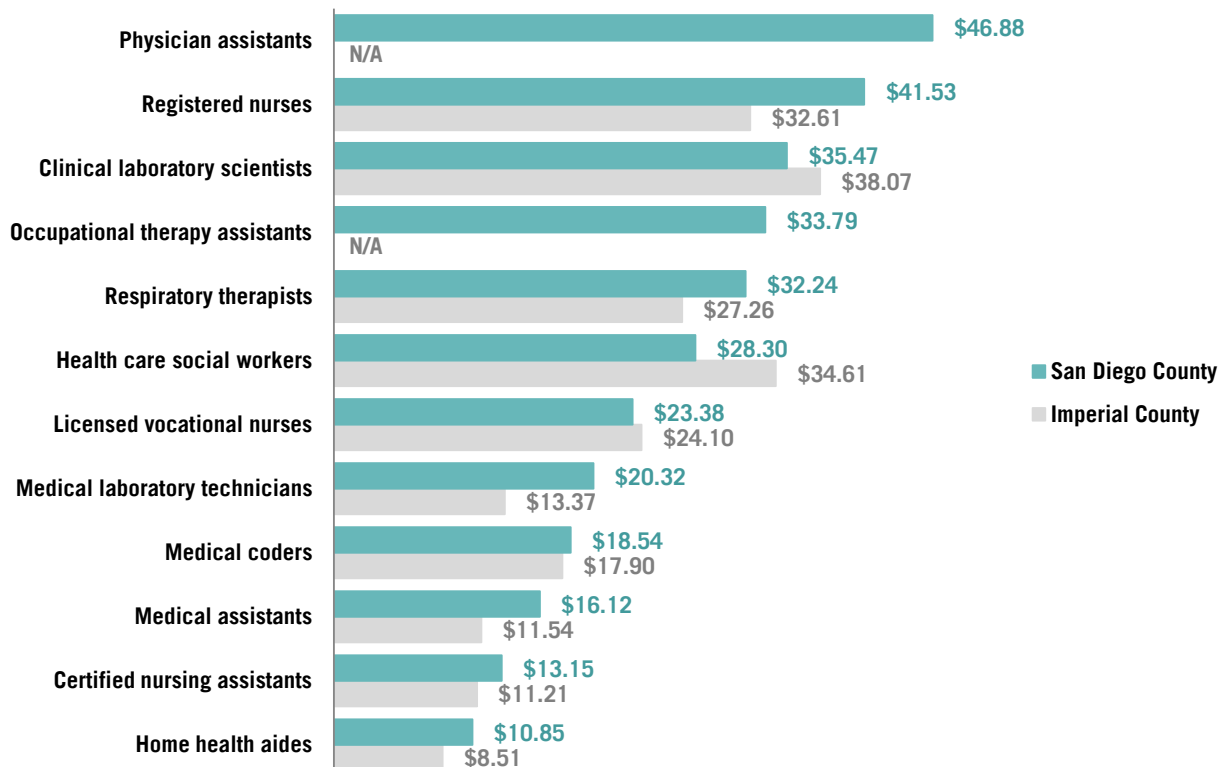
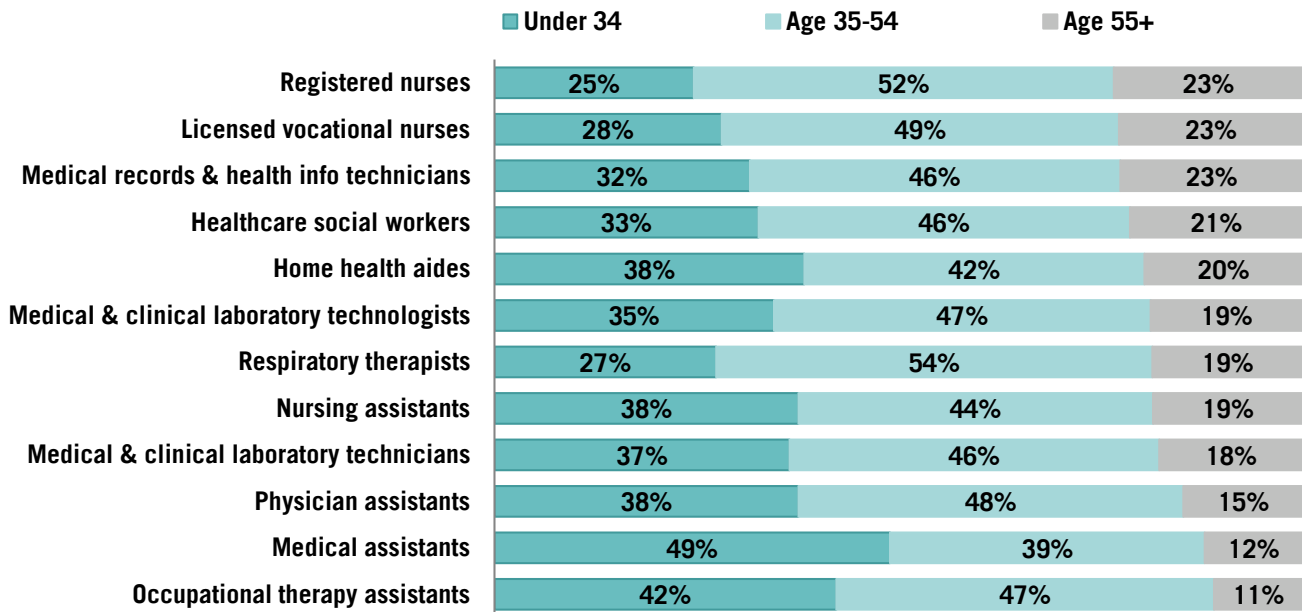


Figure 1: San Diego County Occupational Workforce by Age Group²⁵



Occupation-related Training Programs San Diego County

Occupation	Provider/Institution	Type of Program	Occupation	Provider/Institution	Type of Program	
Respiratory Care Therapy	California College San Diego	Associate, Bachelor	Nursing Assistant/Aide	Kaplan College	Certificate	
	Concorde Career College	Certificate		MiraCosta College	Certificate	
	Grossmont College	Associate		Medical Assistant	California College San Diego	Associate
	Pima Medical Institute				MiraCosta College	Certificate, Associate
Registered Nurse	MiraCosta College	Associate	Palomar College		Certificate	
	Grossmont College		Kaplan College		Certificate	
	San Diego City College		Concorde Career College			
	Palomar College		Pima Medical Institute			
	Southwestern College		San Diego College			
	Kaplan College		San Diego Mesa College			
	Imperial Valley College		Southwestern College			
	National University	Associate, Bachelor	Imperial Valley College			
	United States University	Bachelor	Social Worker	Cuyamaca College	Associate	
	Azusa Pacific University			Southwestern College		
CSU - San Marcos		San Diego City College				
Point Loma Nazarene University		Imperial Valley College				
San Diego State University		Health Aide	Kaplan College	Certificate		
National University	Bachelor		San Diego Continuing Education			
Clinical Lab Science		Medical Lab Technician	Health Information Technology	Kaplan College	Associate	
San Diego Miramar College	Certificate, Associate			San Diego Mesa College		
Imperial Valley College		MiraCosta College	Certificate			
Licensed Vocational Nurse	MiraCosta College	Certificate, Associate	Occupational Therapy Assistant	Kaplan College		
	Southwestern College	Associate		San Diego College		
	San Diego City College	Certificate		Southwestern College		
	Southwestern College			Grossmont College	Associate	
	Concorde Career College					
Kaplan College						