



# CALIFORNIA LIFE SCIENCES

## What is Life Sciences and why does it matter?

The California life sciences sector is an economic powerhouse: **directly employing over 300,000 people, generating an estimated \$411 billion in economic output, and creating 3.6 additional jobs in California for every one job employed in the life sciences ecosystem.** While the financial impact of life sciences is impressive in California, we are even more proud of what we represent and how **our innovation is changing the world.**

### LIFE SCIENCES SECTOR



**Biotechnology**



**Academia & Research Institutions**



**Medical Technology**



**Digital Health**



**Pharmaceutical Innovations**



**Agricultural & Environmental Science**

### OPPORTUNITY AND ACCESS

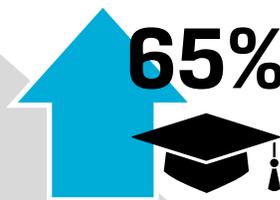
Employees of California's life sciences sector are a **well-educated and diverse** workforce, holding a **shared objective to increase health equity and access to care** for all Californians.

#### Promoting gender diversity:



In 2019, **female life sciences graduates** made up **62.7% across all degree levels** in CA.

#### Building a diverse workforce:



From 2015 to 2019, **Hispanic and Latino graduates** in life sciences-related fields of study in CA **increased by 64.5%**

#### Promoter of small businesses:



**Over 80%** of life sciences establishments in California have **10 or fewer employees.**

### INNOVATION

Life sciences are an engine for **innovations** that not only advance medical breakthroughs but also help solve our climate crisis, improve agriculture, transition to cleaner energy, and overall **better the lives of everyday Californians.**

#### Leader in patents:



**CA is a standalone leader** in awarding life sciences patents, **issuing 45.1 per 1,000** in Science & Engineering in 2019.

#### On the frontlines of COVID:



**More than 25% of all COVID-19 vaccine developments in the U.S.** have been sponsored or primarily supported by life sciences organizations in CA.

#### Striving for sustainability:



The bioscience industry is building a world with **safer, more affordable and sustainable practices** that address climate change.

California Life Sciences is the statewide public policy association representing the innovative life sciences sector – biotechnology, pharmaceutical, medical technology and diagnostics companies, venture capital firms, research universities and institutes, and our sector's nearly 325,000 employees.

Learn more at [califesciences.org](http://califesciences.org)