

# BIOSCIENCE

## THE INDUSTRY IN LOS ANGELES COUNTY

The Bioscience industry contributes significantly to the Los Angeles County Economy. In 2018, over 5,000 establishments provided over 78,400 jobs in the industry.

### The Industry Countywide

2018 BIOSCIENCE JOBS:

# 78,400

- *Change in jobs:*
  - 2013-2018: **6,400 jobs added**
  - 2018-2023f: **6,710 jobs to be added**
- *Job growth 2013-2018: 8.9 percent*

2018 AVERAGE ANNUAL WAGES

Bioscience Average:

# \$85,940

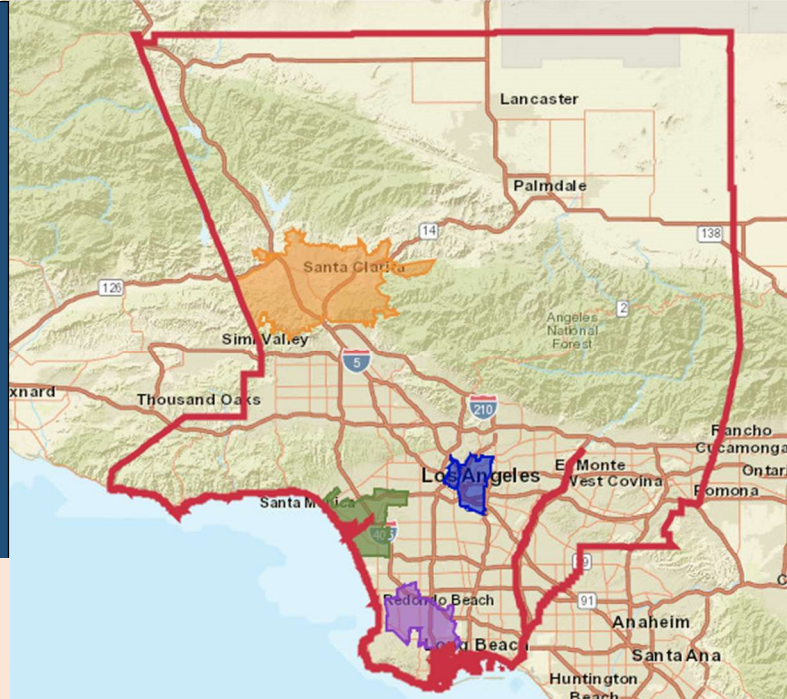
LA County Average: **\$64,920**

- *Change in real wages 2013-2018: 8.8 percent*
- *Stronger than average LA County real wage growth*

In 2018, the Bioscience industry in Los Angeles County provided over 78,400 jobs across more than 5,000 establishments. Over half of bioscience jobs exist within the Research and Lab Services.

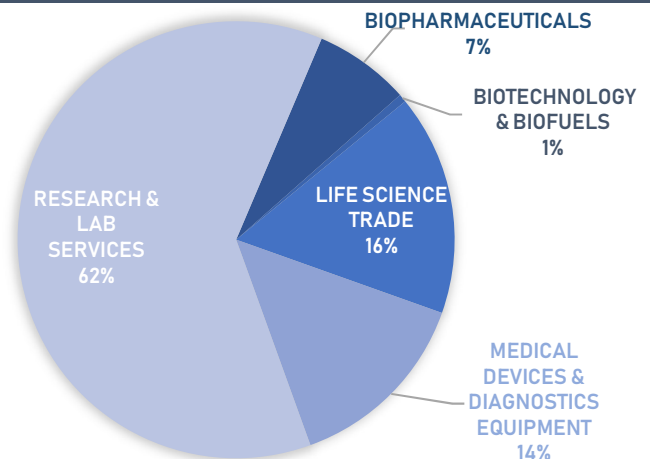
In terms of average annual job growth, Bioscience jobs have grown around 1.7 percent annually in the past five years.

Between 2013 to 2018, average annual wages in the Bioscience industry have increased 8.8 percent, with an average annual wage of \$85,940 in 2018.



## 78,400 BIOSCIENCE JOBS

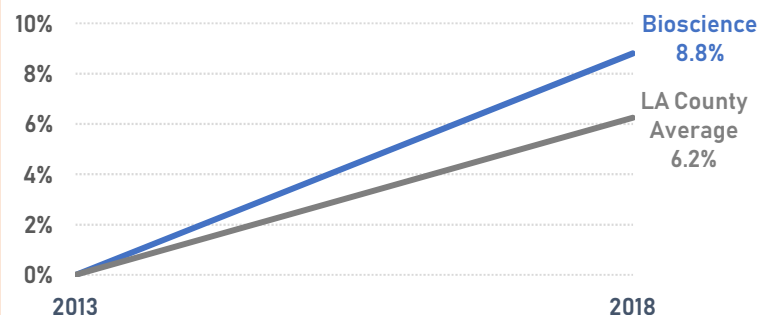
In Los Angeles County 2018



### BIOSCIENCE JOBS



### CHANGE IN REAL WAGES 2013-2018



## Key Occupations in the Biosciences Industry in Los Angeles County

Occupation	Median Wage 2018	Entry-Level Education
Computer and Information Systems Managers	\$157,050	Bachelor's degree
Computer Systems Analysts	\$93,960	Bachelor's degree
Software Developers, Applications	\$113,670	Bachelor's degree
Software Developers, Systems Software	\$124,480	Bachelor's degree
Biomedical Engineers	\$95,200	Bachelor's degree
Electrical Engineers	\$110,060	Bachelor's degree
Electronics Engineers, Except Computer	\$121,450	Bachelor's degree
Industrial Engineers	\$101,340	Bachelor's degree
Biochemists and Biophysicists	\$115,410	Doctoral or professional degree
Microbiologists	\$111,320	Bachelor's degree
Biological Scientists, All Other	\$107,590	Bachelor's degree
Medical Scientists, Except Epidemiologists	\$113,330	Doctoral or professional degree
Chemists	\$96,240	Bachelor's degree
Biological Technicians	\$64,420	Bachelor's degree
Chemical Technicians	\$56,890	Associate degree
Health Specialties Teachers, Postsecondary	\$159,910	Doctoral or professional degree
Clinical Laboratory Technologists and Technicians	\$51,550	Bachelor's degree
Phlebotomists	\$40,990	Postsecondary non-degree award

### Bioscience Incubators in Los Angeles:

- Alexandria Innovation Center- Pasadena
- BATTs Incubator – San Fernando
- BioLabs @ LA BioMed – Harbor-UCLA Medical Center
- Cedars-Sinai Accelerator – Beverly Grove
- CTTi Cal Poly Innovation Center - Pomona
- HATCHspaces - Alhambra
- LA Bioscience – Los Angeles
- Lab Launch - Monrovia
- LabLaunch@ToolBoxLA - Chatsworth
- Magnify, CA NanoSystems Institute at UCLA
- Momentum BioSciences – Culver City
- West Coast Consortium for Technology in Pediatrics – Los Angeles
- Pasadena Bioscience Collaborative Incubator -Pasadena
- Pasadena Bio Collaborative Incubator - Pasadena
- ScaleLA – Los Angeles
- The Alfred E. Mann Institute for Biomedical Engineering - USC
- TheLab – Santa Ana

## ECONOMIC IMPACT OF THE INDUSTRY IN LOS ANGELES COUNTY

<b>TOTAL EMPLOYMENT:</b>	<b>175,000 Jobs</b>
<i>Direct:</i>	78,400 jobs
<i>Indirect &amp; Induced:</i>	96,600 jobs
<b>TOTAL OUTPUT:</b>	<b>\$ 41 billion</b>
<b>TOTAL VALUE ADDED:</b>	<b>\$ 23 billion</b>
<b>TOTAL LABOR INCOME:</b>	<b>\$ 14 billion</b>
<b>TOTAL STATE &amp; LOCAL TAX:</b>	<b>\$ 2 billion</b>

Sources, QCEW; estimates by LAEDC

