

BIOSCIENCE

THE INDUSTRY AROUND USC-LAC

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 Around USC-LAC

2018 BIOSCIENCE JOBS:

2,750

- Change in jobs
 - 2013-2018: **905 jobs added**
 - 2018-2023f: **730 jobs to be added**
- Job growth 2013-2018: **49.1 percent**

2018 AVERAGE ANNUAL WAGES

Bioscience Average:

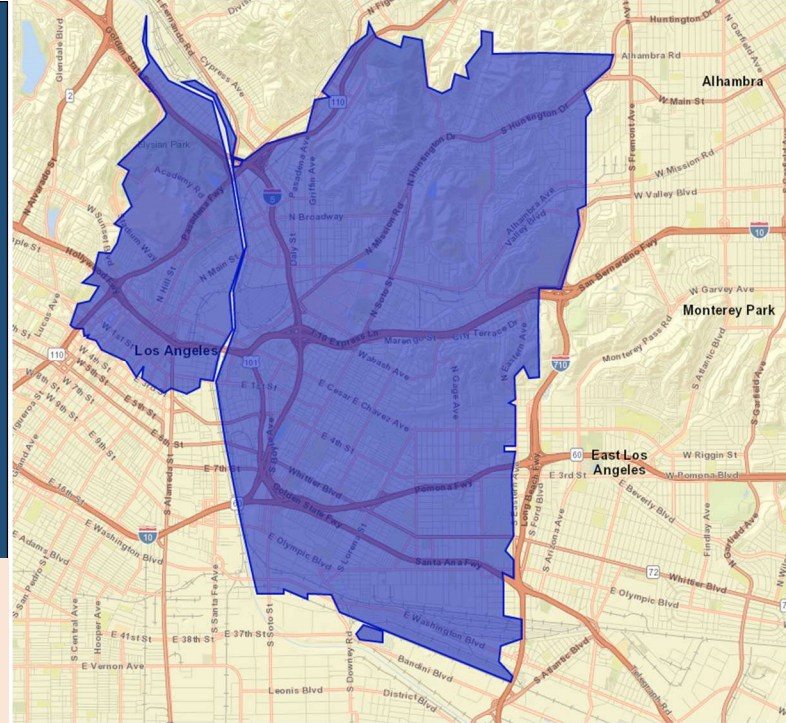
\$74,710

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

- Change in real wages 2013-2018: **1.7 percent**
- Average LA County real wage growth is stronger

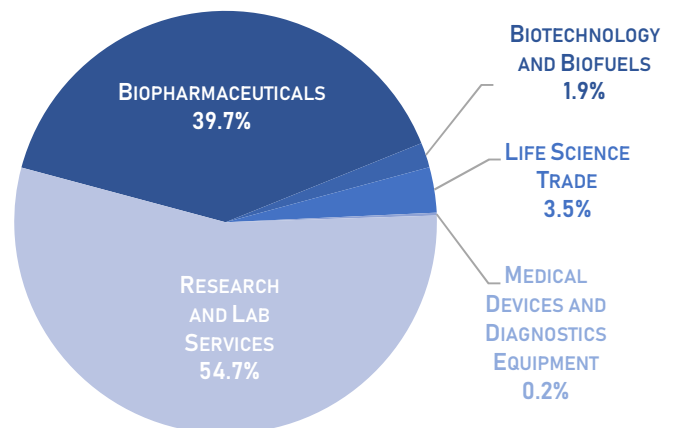
This Medical Center is a national leader for training health professionals. The 600-bed facility traces its origins back to 140 years, when the county first opened its 100-bed care center. In 1885, the University of Southern California Medical School affiliated with the County to provide care for Angelenos.

Today, the Medical Center provides a wide range of services, including emergency, specialty, and primary care, as well as rehabilitation, pharmacy, inpatient, and women's health services.



2,750 BIOSCIENCE JOBS

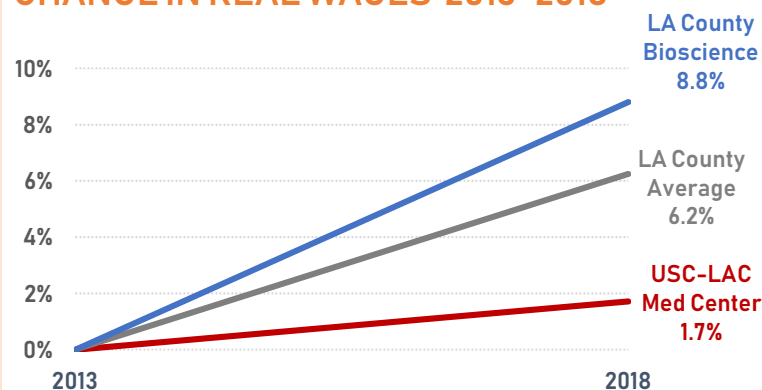
In USC-LAC Medical Center Region 2018



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 AROUND USC-LAC

TOTAL EMPLOYMENT:	6,100 Jobs
<i>Direct:</i>	2,750 jobs
<i>Indirect & Induced:</i>	3,350 jobs
TOTAL OUTPUT:	\$ 1.7 billion
TOTAL VALUE ADDED:	\$ 839 million
TOTAL LABOR INCOME:	\$ 442 million
TOTAL STATE & LOCAL TAX:	\$ 75 million

Sources, QCEW; estimates by LAEDC

