

BIOSCIENCE

THE INDUSTRY AROUND HARBOR-UCLA

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 Harbor-UCLA

2018 BIOSCIENCE JOBS:

4,000

- Change in jobs:
 - 2013-2018: **75 jobs lost**
 - 2018-2023f: **260 jobs to be added**
- Job growth 2013-2018: **-1.8 percent**

2018 AVERAGE ANNUAL WAGES

Bioscience Average:

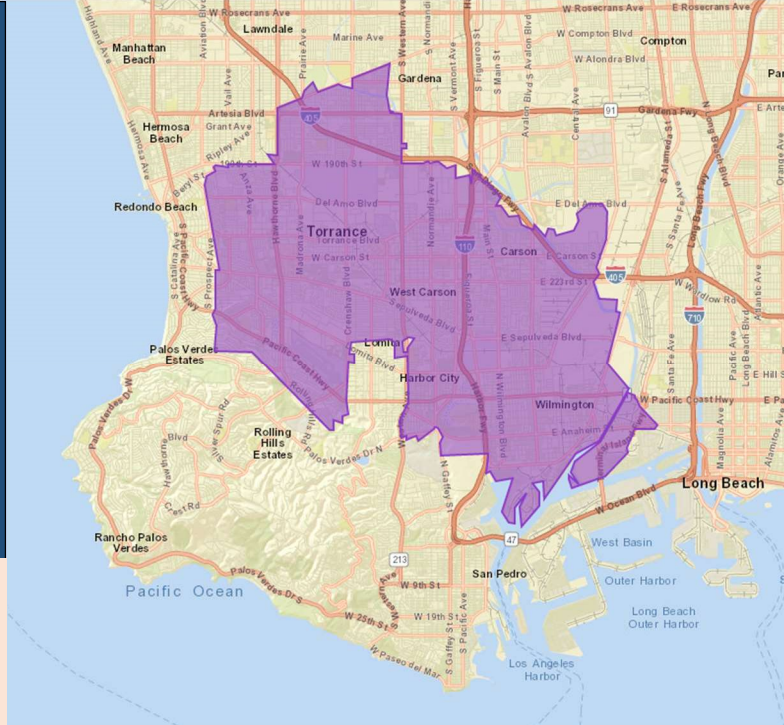
\$96,860

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

- Change in real wages 2013-2018: **31.6 percent**
- Substantially stronger than average LA County real wage growth

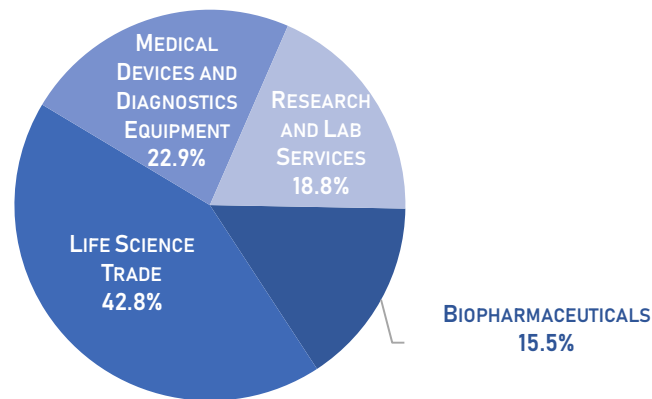
The Harbor General Hospital affiliated with the University of California in 1951 to serve as a teaching hospital for the UCLA School of Medicine. The facility now hosts the Los Angeles Biomedical Research Institute (LA BioMed), which contributes extensive research to find innovative solutions to health problems.

Over 40 percent of this region's bioscience employment is found in the Life Science Trade sector.



4,000 BIOSCIENCE JOBS

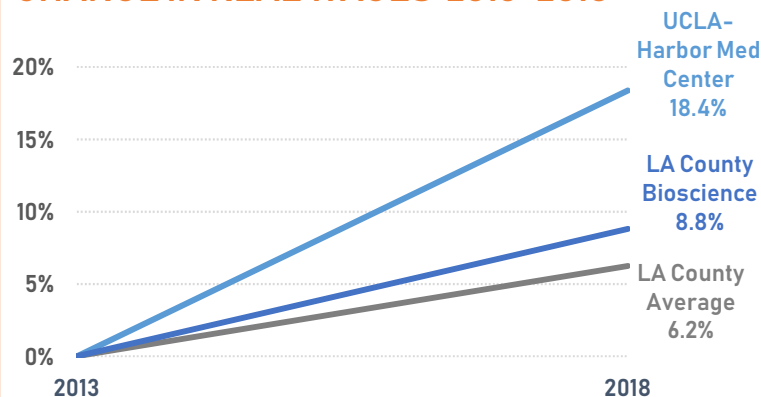
In UCLA-Harbor Medical Center Region 2018



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
- ScaleLA – Los Angeles
- Pasadena Bio Collaborative Incubator - Pasadena
- The Alfred E. Mann Institute for Biomedical Engineering - USC
- TheLab – Santa Ana

ECONOMIC IMPACT OF THE INDUSTRY AROUND HARBOR-UCLA

TOTAL EMPLOYMENT:	10,200 Jobs
<i>Direct:</i>	4,000 jobs
<i>Indirect & Induced:</i>	6,200 jobs
TOTAL OUTPUT:	\$ 2.6 billion
TOTAL VALUE ADDED:	\$ 1.5 billion
TOTAL LABOR INCOME:	\$ 829 million
TOTAL STATE & LOCAL TAX:	\$ 170 million

Sources, QCEW; estimates by LAEDC

