

BIOSCIENCE

THE INDUSTRY IN SILICON BEACH

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 in Silicon Beach

2018 BIOSCIENCE JOBS:

2,700

- Change in jobs:
 - 2013-2018: **570 jobs added**
 - 2018-2023f: **600 jobs to be added**
- Job growth 2013-2018: **27.0 percent**

2018 AVERAGE ANNUAL WAGES

Bioscience Average:

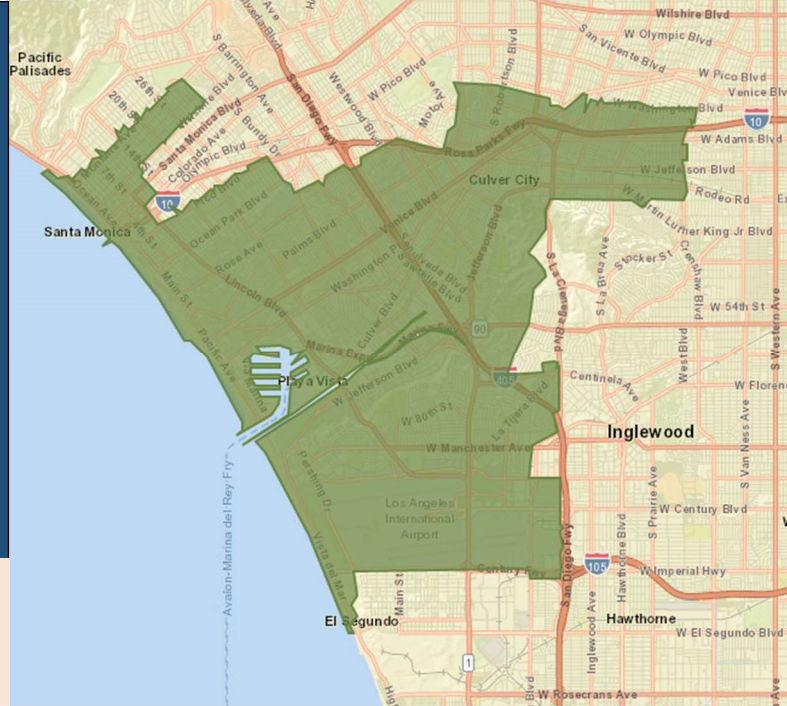
\$71,920

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

- Change in real wages 2013-2018: **8.6 percent**
- Stronger than average LA County real wage growth

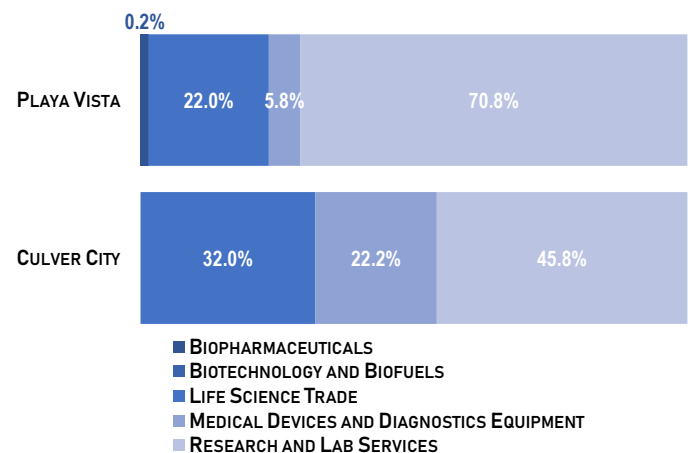
In addition to its reputation as a center for motion picture and television production, Culver City boasts some major developments in the Bioscience industry, hosting businesses such as Momentum Biosciences, NantWorks and Sofie Biosciences.

Widely considered the home to L.A.'s tech start-up companies, Silicon Beach and Playa Vista offer significant resources to biotech companies and researchers that are shaping L.A.'s bioscience scene.

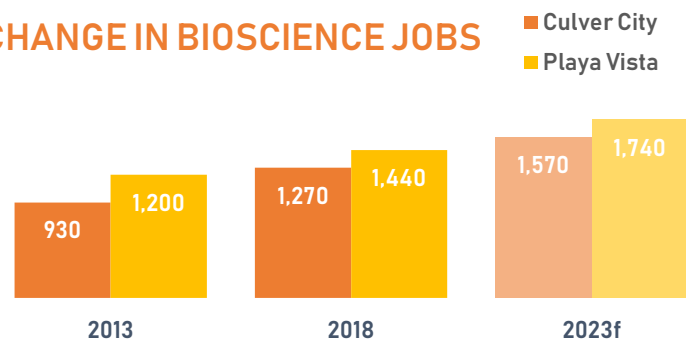


2,700 BIOSCIENCE JOBS

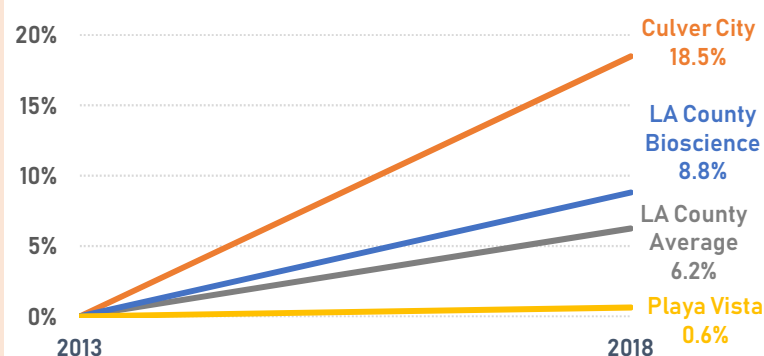
In Culver City and Playa Vista 2018



CHANGE IN 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 SILICON BEACH

TOTAL EMPLOYMENT:

5,440 Jobs

Direct:

2,700 jobs

Indirect & Induced:

2,740 jobs

TOTAL OUTPUT:

\$ 1,052 million

TOTAL VALUE ADDED:

\$ 635 million

TOTAL LABOR INCOME:

\$ 383 million

TOTAL STATE & LOCAL TAX:

\$ 76 million

Sources, QCEW; estimates by LAEDC

