



2021 CALIFORNIA ECONOMIC IMPACT REPORT

ALAMEDA COUNTY

Alameda County is home to the largest concentration of Life Science companies in the East Bay. The industry employed over 38,000 individuals in 2020, supported more than 77,000 jobs and generated \$23.7 billion in economic activity in Total Business Sales. The largest sub-sector is Research and Manufacturing, followed by Medical Devices and Equipment.



\$23.7B

generated in economic activity in Total Business Sales in 2020

2020 NIH Funding

\$384M

Total NIH Funding

Alameda County received 16% of the Bay Area region's funding from the National Institutes of Health (NIH) in 2020. UC Berkeley and Kaiser Foundation Research Institute were the largest recipients.

SOURCE: NIH, FBEI

2020 Annual Economic Impact

Total Jobs	77,332
Labor Income	\$8.3 billion
Total Business Sales	\$23.7 billion
Gross Regional Product	\$14.1 billion

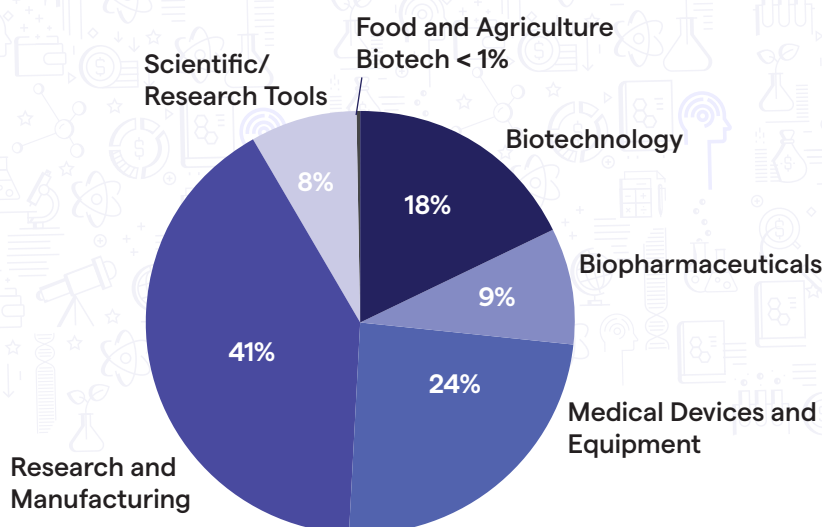
SOURCE: IMPLAN, FBEI

2020 Key Metrics

Establishments	937
Unique Companies	663
Direct Employment	38,034
Average Compensation	\$134,736
Share of Total Employment	3.7%

SOURCE: IMPLAN, CA EDD, NIH, FBEI

2020 Life Science Sub-Sector Employment



SOURCE: IMPLAN, FBEI

Biotechnology: Research entities involved in nanotechnology as well as biotechnology.

Biopharmaceuticals: Pharmaceutical manufacturers of a wide range of products as well as distributors.

Medical Devices & Equipment: Manufacturers of a large array of products for health care, including optical instruments, surgical apparatus and dental supplies.

Research & Manufacturing: Research and development conducted at colleges/universities or in private medical laboratories.

Scientific/Research Tools: Manufacturers of laboratory instruments, chemicals and other devices used for measuring, displaying and controlling research processes.

Food & Agriculture Biotech: Cellular grown meat and seafood as well as biorenewables used in agriculture and crop production.



For full report visit www.biocom.org/eir

2020 Educational Attainment in Alameda County

Alameda County has a highly educated adult population with 50% having a Bachelor’s or graduate degree. This compares to 49% for the Bay Area region and 35% statewide. The Life Science industry supports jobs for all education levels, and Biocom California makes a concerted effort to engage with communities around the bay to broaden awareness of the employment opportunities that exist.

	California	Bay Area	Alameda County
Less than 9th grade	9%	6%	5%
9th to 12th grade, no diploma	7%	5%	5%
High school graduate (includes equivalency)	21%	16%	17%
Some college, no degree	21%	17%	16%
Associate’s degree	8%	7%	6%
Bachelor’s degree	22%	28%	29%
Graduate or professional degree	13%	21%	21%

SOURCE: U.S. CENSUS, FBFI

ALAMEDA COUNTY POLICY PRIORITIES

Alameda County is home to multiple concentrations of life science companies. The cities of Berkeley and Emeryville are connected by a contiguous cluster of small, early-stage companies that spin out of UC Berkeley. These companies can benefit from concierge assistance through city economic development departments as they navigate permitting processes involved in scale-up following incubator graduation. Both cities have recently proposed changes to land use codes impacting the life science industry – Biocom California has worked closely with city staff to advance proposals that can facilitate future life science developments.

Our members in this area have shared concerns around affordable housing and connected transit systems – challenges evident throughout the Bay Area. Physical security concerns in downtown areas and near Caltrans rights-of-way are especially important for members in Berkeley.

Alameda County is also home to a large concentration of companies in Hayward, Pleasanton, Fremont, and Newark – companies that are typically four times the average size of Bay Area life science companies. Primarily engaged in medical device and biopharmaceutical manufacturing, these companies have benefitted from streamlined permitting services available through city departments. We have heard from members in this area that a top concern is workforce development programs to ensure a steady skilled pool of workers for manufacturing settings.

For over 25 years, Biocom California has helped move the life science industry forward with transformative resources that enable companies to make meaningful connections. With a membership base of over 1,500 companies, we connect our members to each other so they can collaborate and work stronger and smarter together. We connect organizations to capital investment and purchasing solutions so they can grow faster and work more efficiently. We’re their link to advocacy that fights for innovation and we provide an environment where their business and talent can thrive. Biocom California is how the life science industry gets connected.