

THE IMPACT OF LIFE SCIENCE IN LOS ANGELES COUNTY

While Los Angeles County's life science industry is still in a growth phase, the area has the largest employment figure of any county in the state, employing 69,830 people from five subsectors: biopharmaceuticals, medical devices and diagnostics, research and lab services, bio-renewables, and life science wholesale. The county's life science industry supported an additional 162,000 jobs, for a total countywide impact of over 231,830 jobs.

ANNUAL ECONOMIC IMPACT

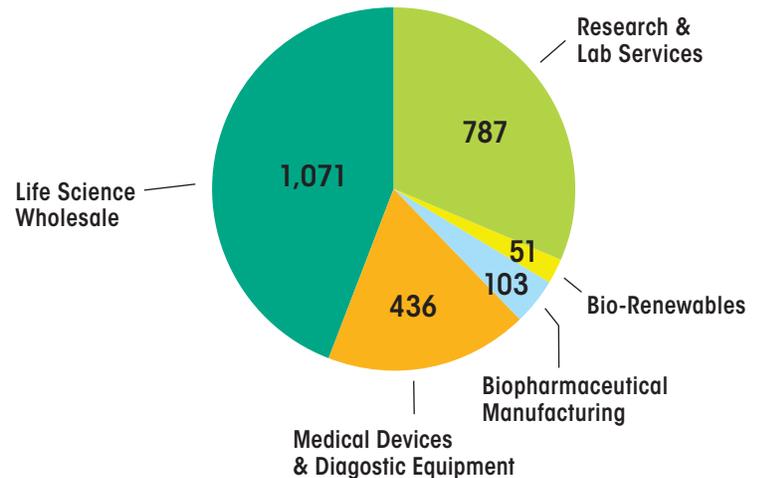
DESCRIPTION	IMPACT
Economic Activity	\$40.3 billion
Gross Area Product	\$20.5 billion
Attributable Jobs	162,000
Labor Income	\$11.9 billion

The industry generates **\$40.3 billion** in annual economic activity.

SUBSECTOR	EMPLOYMENT IN 2016
 Bio-Renewables	1,048
Includes biofuels, specialty enzymes and chemicals, algae research, and key elements of agriculture.	
 Biopharmaceutical Manufacturing	8,457
The production of medicines, botanicals, pharmaceuticals, in-vitro diagnostic substances, and biological products.	
 Medical Devices & Diagnostic Equipment	12,509
Laboratory equipment and supplies, optical instruments, electromedical apparatus, surgical and medical instruments, and dental equipment.	
 Life Science Wholesale	14,435
Wholesaling and distributing medical equipment and supplies and the wholesaling of drugs and related products.	
 Research & Lab Services	33,381
Research and development in biotech, medical laboratories, and industries representing testing laboratories, as well as higher education.	

Wholesale trade is an emerging subsector in Los Angeles with **2,000 jobs** added in past 5 years.

BREAKDOWN OF LIFE SCIENCE COMPANY SECTORS



There are **2,448** life science establishments in Los Angeles County.

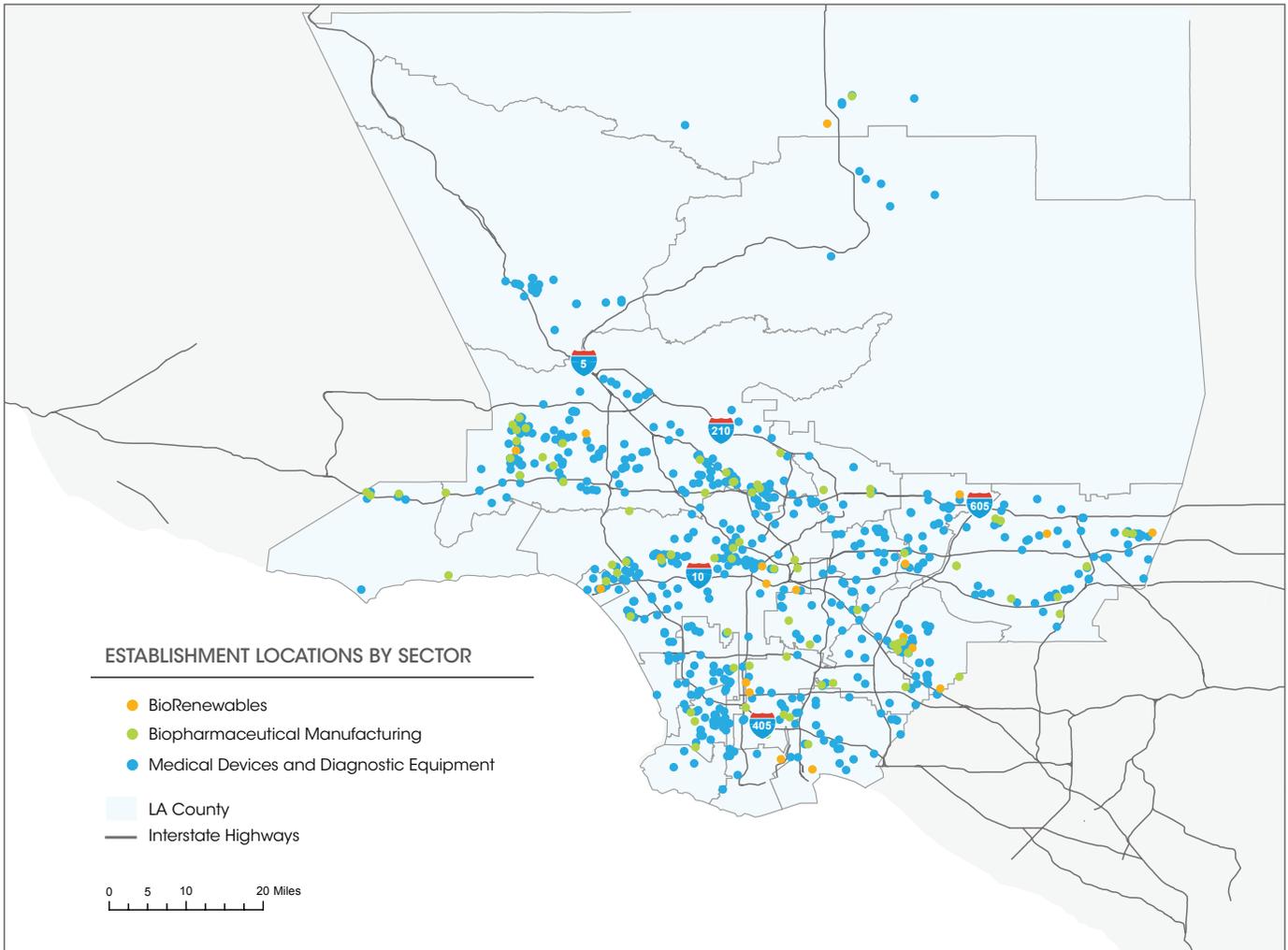
NIH Funding

Los Angeles County received \$893 million of California's total \$3.6 billion of NIH funding in 2016. This supports private and public institutions, including universities, labs, and companies to develop their cutting edge research and allows this region to continue to build itself as a life science hub.

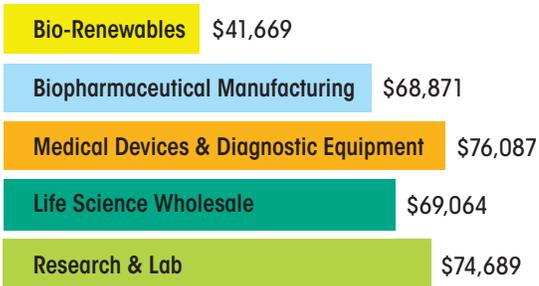
Los Angeles County received **\$893 Million** in Research Funding from National Institutes of Health (NIH) for FY2016.

Economic Impact data prepared by TClower & Associates

Map of Life Science Establishments in Los Angeles County



AVERAGE WAGES ACROSS SUBSECTORS



The annual average industry wage was **\$72,577**.

This is a condensed summary of the Economic Impact Report produced by Biocom and TClower & Associates. For the full report, please visit our website: www.biocom.org

About Biocom

Biocom is the largest, most experienced leader and advocate for California's life science sector. We work on behalf of more than 900 members to drive public policy, build an enviable network of industry leaders, create access to capital, introduce cutting-edge STEM education programs, and create robust value-driven purchasing programs.

Founded in 1995 in San Diego, Biocom provides the strongest public voice to research institutions and companies that fuel the local and state-wide economy. Our goal is simple: to help our members produce novel solutions that improve the human condition. In addition to its San Diego headquarters, Biocom has continuous staff presence in Los Angeles, San Francisco, Sacramento, Washington, D.C. and Tokyo. Our broad membership benefits apply to biotechnology, pharmaceutical, medical device, genomics and diagnostics companies of all sizes, as well as to research universities and institutes, clinical research organizations, investors and service providers.