

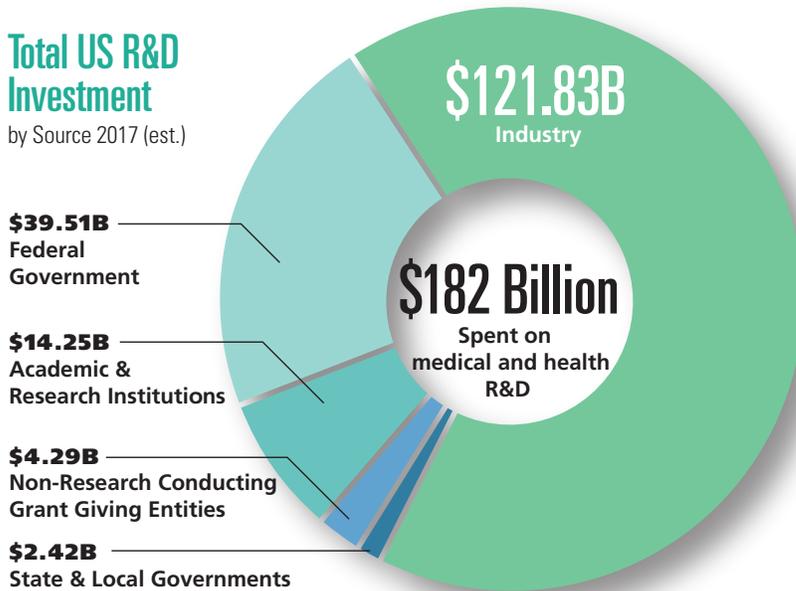
Who Funds Medical and Health R&D?

Investment in R&D is the best way to ensure our nation is prepared to respond to health threats. New therapies do not come cheap. To go from concept to reality takes years of basic, clinical and translational science and research, all of which requires major financial investment, particularly from the private sector. Investments from private industry, VC, and the government are vital sources of funding to develop innovative therapies for patients in need of hope. This infographic outlines the various sources of funding for medical and health R&D, which collectively make California the world leader in life sciences innovation.

Total investment in medical and health R&D in the U.S. has been on the rise in recent years, reaching \$182.3B in 2017. Private funding from the biomedical sector remains the largest contributor to that investment, accounting for two-thirds (67%) of total R&D spending in 2017. The federal government's share is 22%, representing nearly a quarter of all funding.

Total US R&D Investment

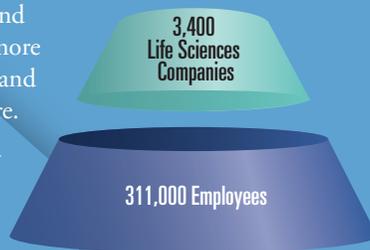
by Source 2017 (est.)



California Spotlight

Patients around the world benefit from innovative research coming out of California. The Golden State is a hotbed of biomedical innovation, with more than 3,400 life sciences companies working to advance human health, agriculture, biofuels and other areas. These companies currently have more than 1,300 medicines (and many diagnostics and devices) in the pipeline to improve patient care.

California's life sciences sector continues showing tremendous growth, and leads the nation in biomedical jobs and established companies.



Did You Know?

While funding from federal research agencies like the NIH is critical to the process of developing new therapies, the life sciences industry contributes the overwhelming majority of financial contributions.

R&D Investment by Sector (2017)

Industry Investment Breakdown



Federal Investment Breakdown



Total US VC Investment by Sector (2018)



California VC Investment by Sector (2018)



Developing new treatments takes decades of research, billions of dollars and many attempts that ultimately fail along the way. Investors and innovators take those risks because they recognize the critical need for and value of new life-saving therapies and technologies and hope their efforts will ultimately pay off. Let's protect entrepreneurship and bold biomedical innovation in California.