

# Life Sciences

**Industry Cluster** - The **life sciences cluster** refers to biotech, medical device, diagnostic and technology companies and institutes. Carlsbad's life sciences cluster is growing and creating jobs. Between **2013 and 2016**, job growth in Carlsbad's life sciences industry is **expected to increase by 11%**. Now, we'll examine this cluster in Carlsbad.



## Life Sciences Definition

**Biomedical Devices & Products:** surgical, medical, dental, optical, and ophthalmic devices; laboratory applications manufacturers

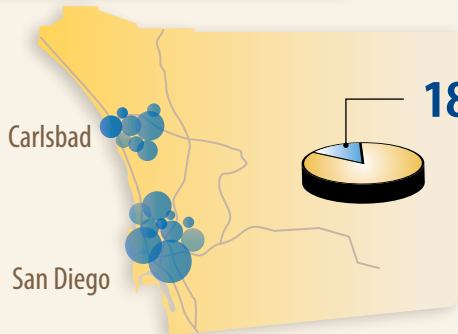


**Biotechnology & Pharmaceuticals:** research & development in chemical & biological technologies; medicinal & diagnostic substance manufacturers



## # of Life Sciences Jobs

Cluster jobs by census tract



**18% = 7,450 Jobs in Carlsbad**

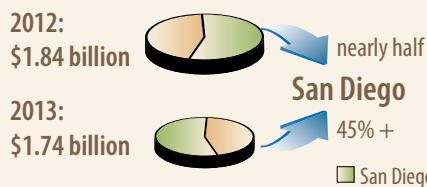


**814**  
total patents

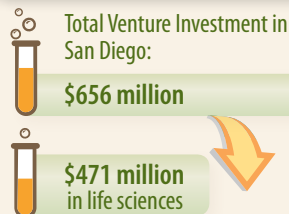
assigned to Carlsbad life sciences companies between 2008 to 2013

## Research Funding

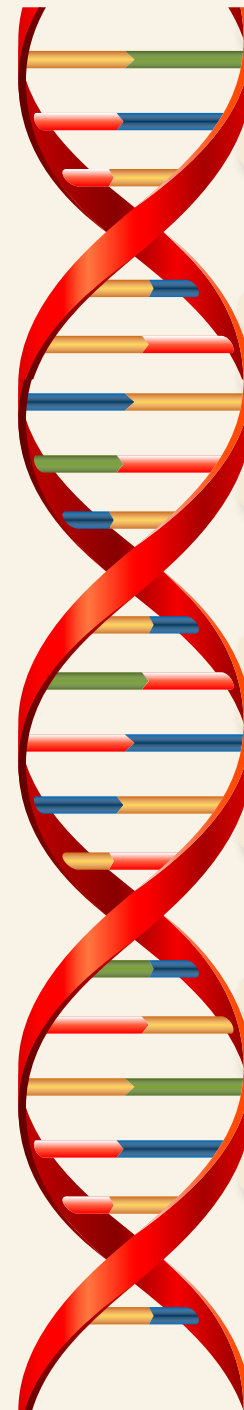
From National Institutes of Health to Southern California



## Venture Capital 2013



## Top notable companies



Thermo Fisher Scientific

Genoptix

OptumRx

Zimmer Dental Inc.

Isis Pharmaceuticals

SyneractHCR

Nordson Asymtek

Beckman Coulter

Ortho Organizers Inc.

Alphatec Spine

Breg Inc.

Covidien

Medtronic Ablation Frontiers

Safety Syringes Inc.

Signet Armorlite