



SAN DIEGO'S MANUFACTURING CLUSTER

The San Diego region is home to a vibrant manufacturing cluster that spans across many industries, including the defense, aerospace, shipbuilding and repair, medical devices, craft brewing, and sports and active lifestyle. With a highly-skilled workforce, robust training programs and close proximity to Mexico, San Diego is a hub for advanced manufacturing companies, with more than 3,000 manufacturing companies currently supporting more than 105,000 jobs.¹

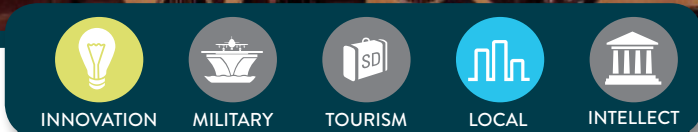
San Diego is home to the largest National Manufacturing (MFG) Day event in California. In October 2016, EDC hosted a kickoff breakfast that drew more than 350 people to the event. The same day, more than 50 manufacturing companies across the region offered public tours. The purpose of MFG Day is to address the common misperceptions about manufacturing by giving manufacturers an opportunity to open their doors and show what modern manufacturing looks like. By working together during and after MFG Day, manufacturers are able to address the skilled labor shortage they face, connect with future generations and ensure the ongoing prosperity of the whole industry.

HIGHLIGHTS

- » **User friendly:** Arguably everyone's favorite household item, San Diego-based WD-40 has a list of more than 2,000 uses submitted by users.²
- » **Binational strength:** Leverage San Diego's proximity to Mexico, Thermo Fisher Scientific, BD, Hunter Industries and many other San Diego companies have manufacturing operations on both sides of the border.
- » **Compensation:** As of 2016, the average wage for manufacturing employees was \$81,180, making the manufacturing cluster the sixth highest paying in the region.¹

KEY COMPANIES

- | | | |
|--------------------|--------------------|----------------------------|
| » BAE Systems | » General Atomics | » Taylor Guitars |
| » BD | » Illumina | » Thermo Fisher Scientific |
| » D&K Engineering | » Northrop Grumman | » WD-40 |
| » General Dynamics | » ResMed | |
| » NASSCO | » Samsung | |



SPOTLIGHT

Solar Turbines

Founded in 1927, Solar Turbines was formed as an airplane manufacturer, later creating aircraft components during the Great Depression and WWII.



Today, the company, a subsidiary of Caterpillar Inc., is one of the world's leading manufacturers of industrial gas turbines. Solar Turbines has sold more than 15,000 units with over 2 billion hours of operation.

RESOURCES

Centers for Applied Competitive Technologies

CATC at San Diego City College offers technology education, manufacturing training and consulting services that contribute to continuous workforce, technology and business development. makingitincalifornia.com

California Manufacturing Technology Consulting

Established in 1992, CMTC is a private nonprofit corporation that provides consulting services to small and mid-size manufacturers in Southern California. CMTC operates through a cooperative agreement between the Hollings Manufacturing Extension Partnership of the National Institute of Standards and Technology under the Department of Commerce. cmtc.com

Industrial Environmental Association San Diego

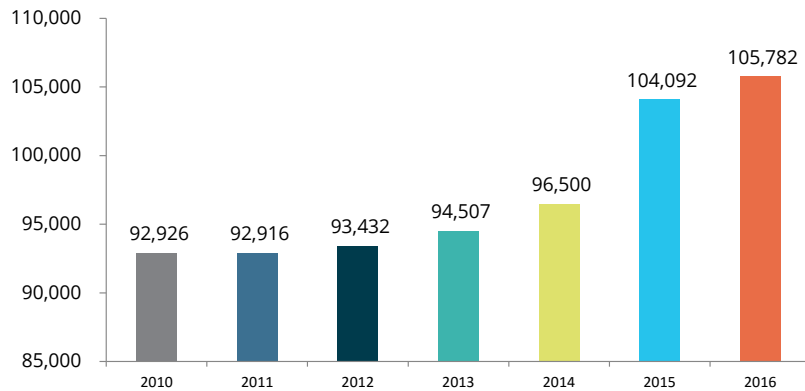
IEA was formed in 1983 to promote responsible, cost-effective environmental laws and regulations, facilitate environmental compliance among member companies and provide related education activities for the community at large. iea-sd.com

BY THE NUMBERS

Employment Numbers

Manufacturing is a vital part of the region's economy. The number of jobs in the manufacturing cluster increased by almost eight percent from 2014 to 2015. In 2016, this cluster accounted for **105,782** jobs in the San Diego region.

**Employment Comparisons
San Diego Region¹**

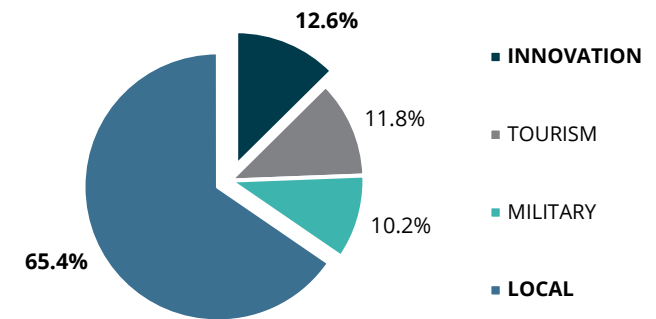


Our Economies

The vitality of San Diego's economy is reliant upon the strength of the region's four economic drivers – innovation, military, tourism and local.

Manufacturing is an intrinsic part of the innovation and local economies. As of 2014, the two economies were responsible for 78 percent of the region's total jobs.

**Employment Comparisons
Across the San Diego Region's Economies**



For more information on San Diego's manufacturing cluster, please contact:

Shea Benton,
Manager, Economic Development
spb@sandiegobusiness.org | 619.615.2968