



San Diego's Innovation Economy

— Personal. Corporate. Community.

Qualcomm & its Economic Impact on San Diego

Founded in 1985

World leader in 3G, 4G and nextgen wireless telecommunication

Global fabless mobile chipset provider



Every job created at Qualcomm, generates about **2.3 jobs** in the region.

Qualcomm adds **\$4.53B** in direct and indirect economic activity annually (combined effect is larger than 6 major industry sectors in the region).

Qualcomm donated **~\$85M** to SD charities between 2000-2011

Qualcomm employees gave an estimated **\$165K hours** (~\$4.1M) to local charities in 2011

INNOVATION IS ...

“Implementing **new**
ideas that **create**
value”

- Innovation Network, USA



Entrepreneurial Access

Mentoring, facilities, funding, cross-pollination etc.

Networks

27

Incubators, Accelerators
&
Co-working spaces



The **Art** of
SCIENCE
Learning



Economic Impact of Collaborations

Subtitle example



Total Funding \$713M



Jobs Created 1200+



Portfolio companies 121



13 acquisitions, 55 incubating

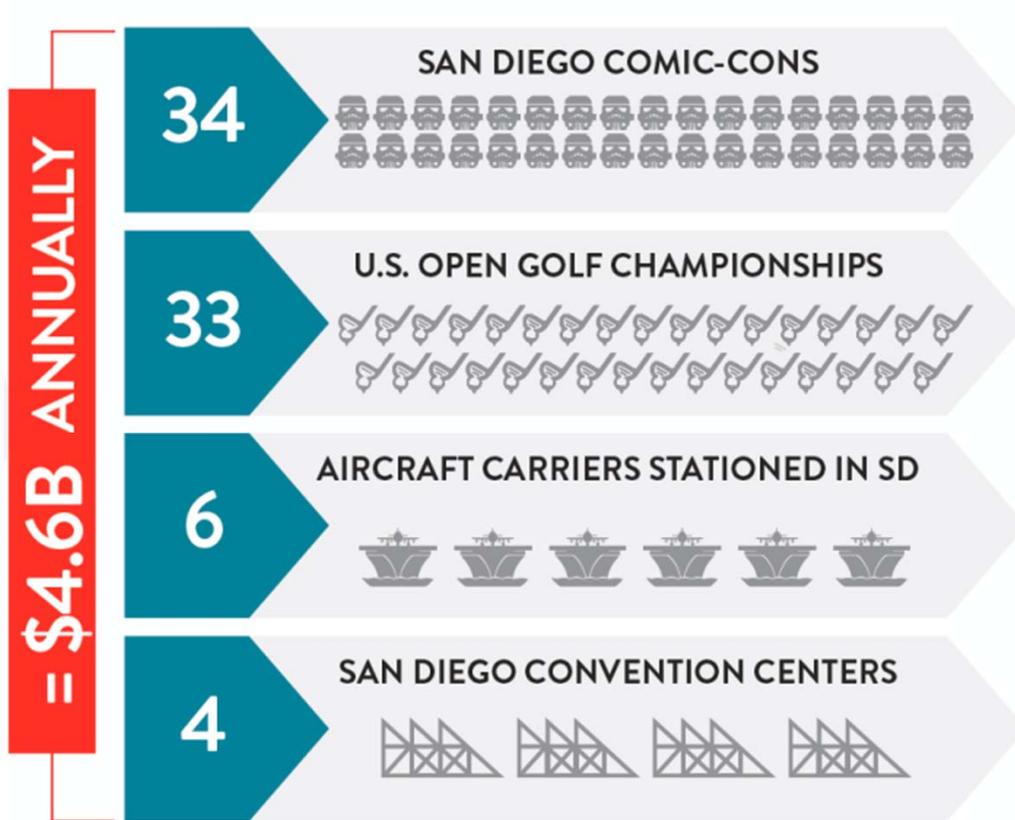
Partnership launched 2012

Companies funded 5

Companies acquired 1

San Diego Research

Source of ideas, Expertise, Talent etc.



37,000 jobs combined **\$4.6B** total impact on the region's GRP annually

All scientific R&D generates **\$14.4B** annually in economic impact

\$1.8B federal and philanthropic research funding inflow annually

>2600 postdocs

Funding for Innovation Economy

Private, Public & Government Growth

REPORT HIGHLIGHTS FUNDING

Venture Capital Funding

\$805M

in venture capital was
invested in 98 deals
in San Diego in 2014



Equity Capital Markets

\$416M

was raised by **[7]**
San Diego companies
in initial public equity
offerings (IPOs) in 2014

\$1.25B

was raised by **[142]**
San Diego companies
in private placement
offerings in 2014

\$2.4B

was raised by **[20]**
San Diego companies in
follow-on public equity
offerings (FPOs) in 2014



Grant Funding

\$989M

in **NIH** grant funding to
San Diego companies and
institutions in 2014

\$259M

in **NSF** grant funding to
San Diego
companies and
institutions in 2014

\$100M

in **SBIR-STTR** grant
funding to San Diego
companies and
institutions in 2014

\$36M

in **NASA** and **NOAA** grant
funding to San Diego
companies and institutions
in 2014

Funding for Innovation Economy

Private, Public & Government Growth

San Diego Venture Capital Funding by Stage (Q2 2014 - Q2 2015)

STAGE	Q2 2015	Q2 2014	Prev. 4Q Total
Seed	\$54,862,000	\$14,225,000	\$62,117,000
Early Stage	\$27,193,200	\$83,199,900	\$237,752,000
Expansion	\$12,922,000	\$42,833,100	\$138,483,100
Later Stage	\$27,294,000	\$87,247,000	\$298,526,700
Total	\$122,271,200	\$227,505,000	\$736,878,800

Source: PricewaterhouseCoopers MoneyTree Report

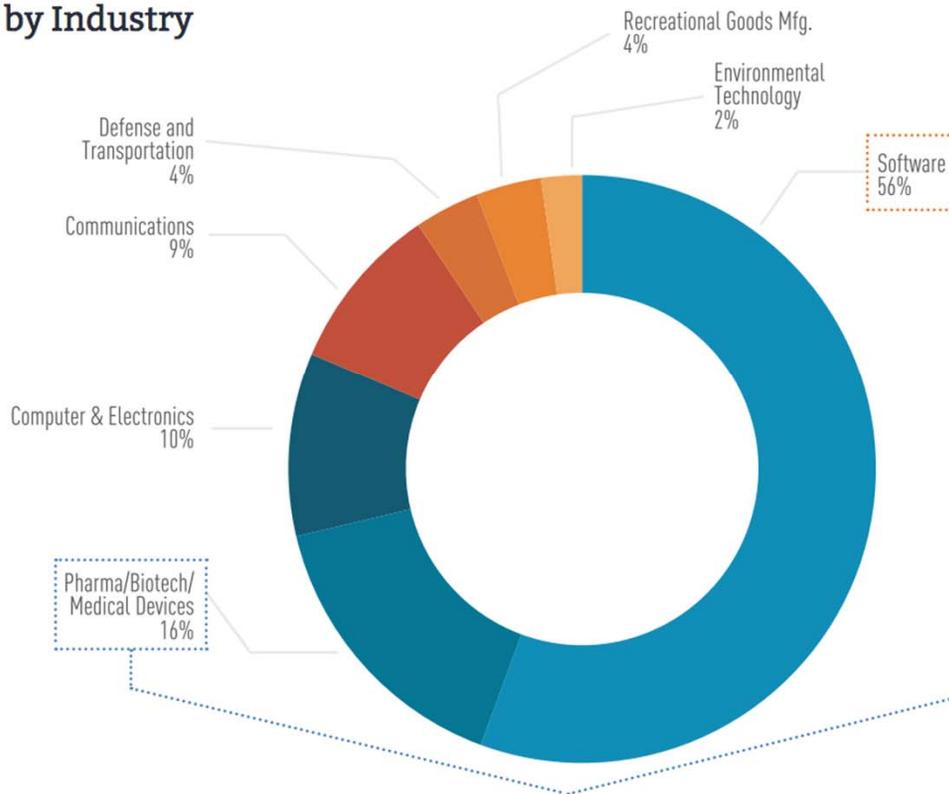
Note: Only stages with funding in San Diego shown

Prev. 4Q Total reflects total from Q3 2014 - Q2 2015



Innovation Frontiers for San

D San Diego Innovation Start-ups by Industry Sector 2014



No. 4 in California 2014 Software Start-ups by County

Los Angeles	702
Santa Clara	595
San Francisco	568
SAN DIEGO	248
Orange	232
San Mateo	210
Alameda	209

No. 2 in California 2014 Life Sciences Start-ups by County

Los Angeles	90
SAN DIEGO	70
Orange	54
Santa Clara	41
San Francisco	39
Alameda	26

My Big Bets in Technology for 2016

Machine Intelligence

Cyber Security

Robotics

Big Data

Strategic Investments for Our Innovation Economy



Disruption starts here.



—— Amplify the message ——

—— Prevent Brain drain ——

—— Connected & Smarter infrastructure ——

—— Support Diverse Entrepreneurial Clusters ——

Thank You !