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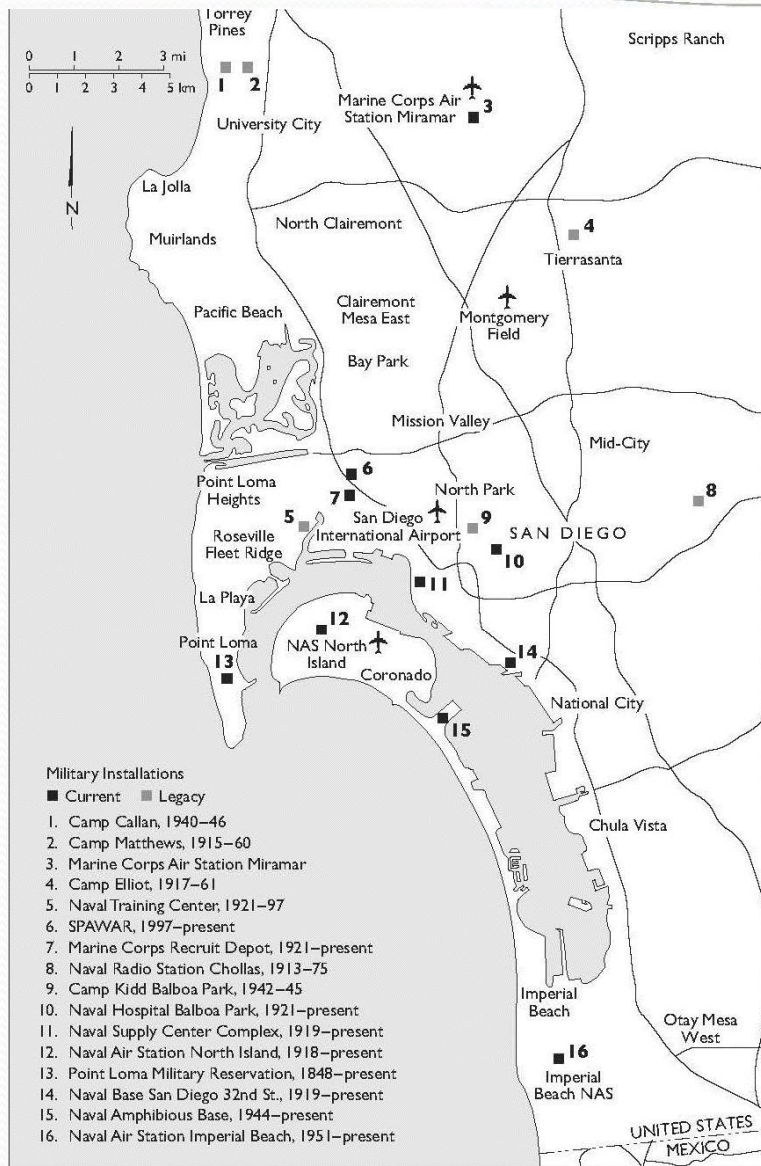


Figure 2.1 San Diego military installations.

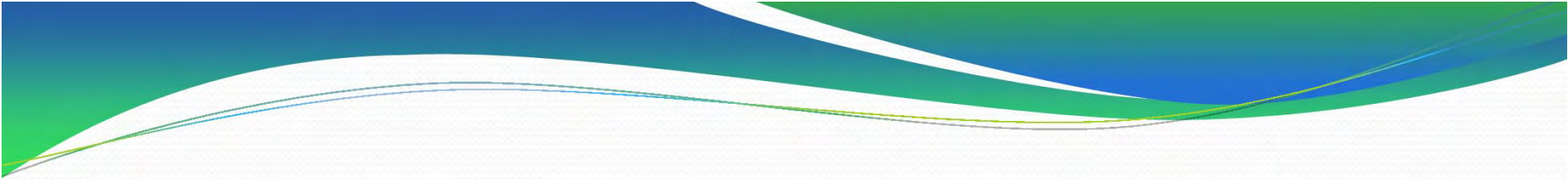
Source: Robert Summers, PhD.



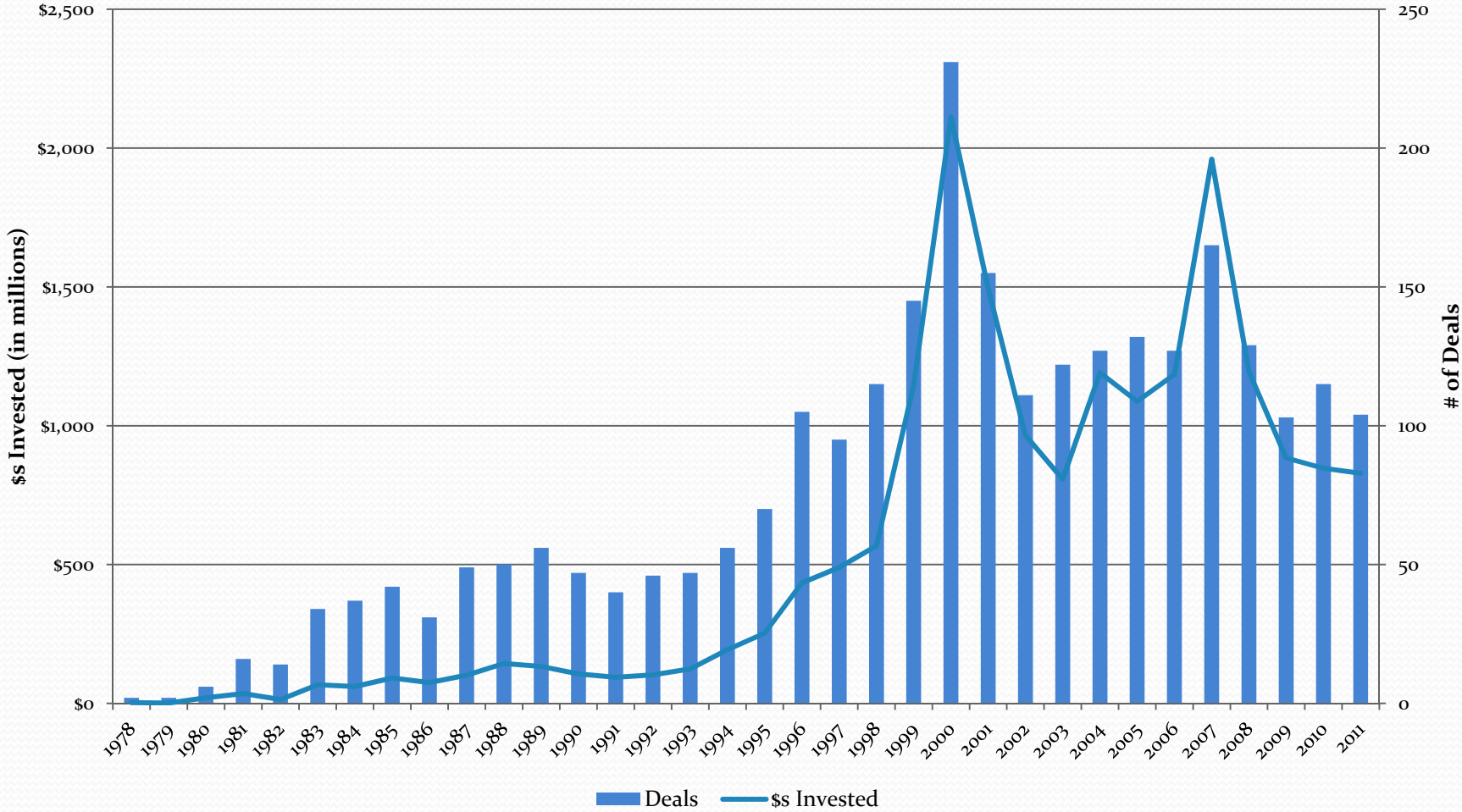
Top 10 Total R&D Expenditures - Universities and Colleges - 1982

		Dollars in Thousands
Rank	Institution	Amount
1	Johns Hopkins University	289,940
2	Massachusetts Institute of Technology	192,462
3	University of Wisconsin - Madison	157,520
4	Stanford University	147,941
5	University of Minnesota	146,466
6	Cornell University	145,769
7	University of California, San Diego	138,894
8	University of Washington	133,115
9	University of Michigan	119,973
10	Columbia University Main Division	115,734

Academic Science/Engineering: R&D Funds Fiscal Year 1982. Surveys of Science Resource Series, NSF 84-308. Washington: National Science Foundation, 1984.



VC Investments and Deals in San Diego, 1978-2011



Source: Thomson Reuters VentureXpert

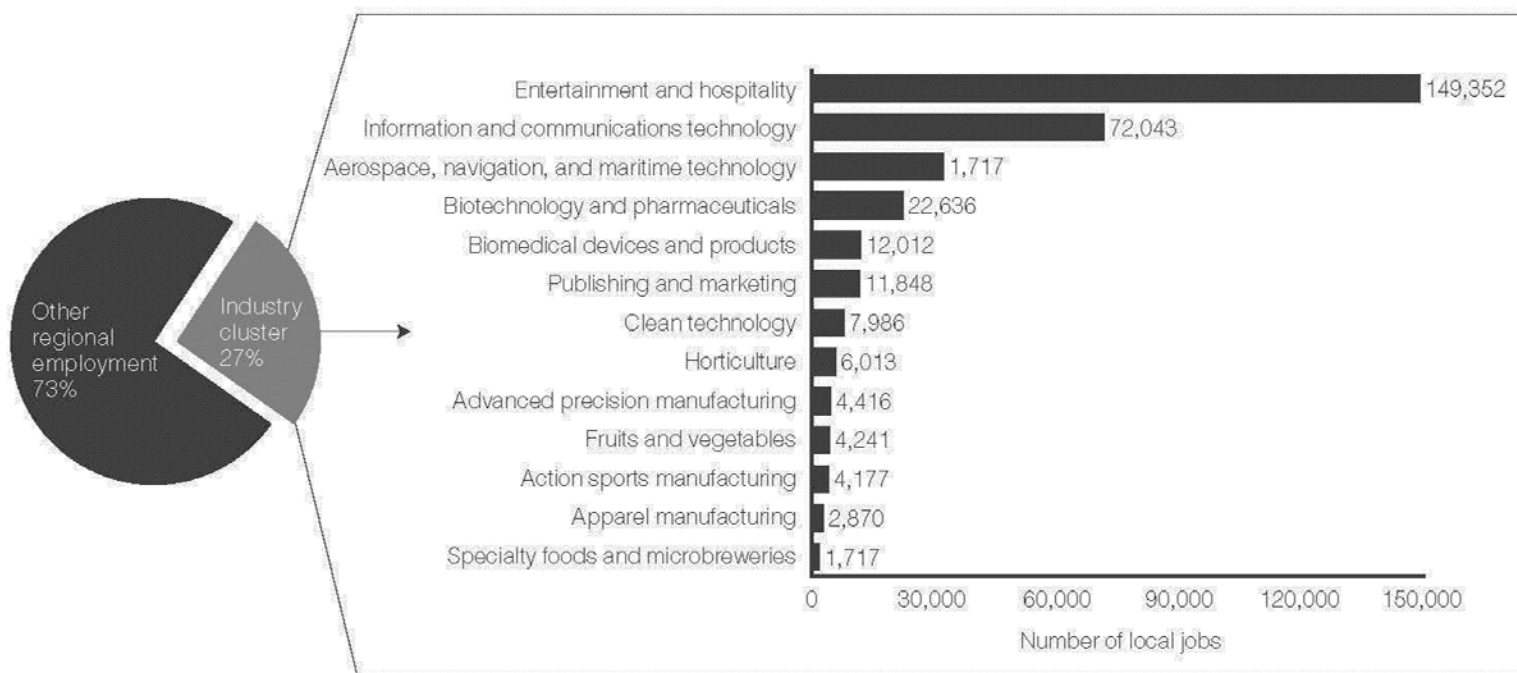


Figure 5.7 Traded industry cluster employment, 2010.

Source: California Employment Development Department.

Report Highlights

TECH START-UPS

140%
increase in software start ups year over year

The 1st Half of 2013 saw the creation of the most technology start-ups in San Diego since Q4 2007



33

new PHARMA/BIO/MEDICAL companies created in Q1 & Q2 2013

109
200

new SOFTWARE companies created in Q1 & Q2 2013

new TECHNOLOGY companies created in the 1st Half of 2013

EMPLOYMENT

New Tech Startup Jobs Created

1,220 | **231** | **404**
in 2012 | in Quarter 1 2013 | in Quarter 2 2013

Total San Diego innovation economy employment estimate was up in Q2 2013 to total 141,400 jobs; an estimated net increase of 1,800 jobs compared to Q2 2012.



Average tech sector wages (\$103k) were more than **2x** average non-tech sector wages (\$46k)

INVESTMENTS

\$587 million

the amount venture capital investment to San Diego companies in the first three quarters of 2013



74
San Diego companies received more than \$500 million in VC funding in the 1st three quarters of 2013

13

San Diego companies raised more than \$1.8 billion in follow-on public equity offerings in the 1st Half of 2013

PATENTS



Q1 2013 San Diego County has the highest patent density per capita in Southern CA



1,547 patent applications published

1,390 patents granted

GRANT FUNDING



\$758 million

the total of federal grant awards to San Diego from NIH Fiscal Year 2013



San Diego County ranked **#1** in California in number and amount of NIH grants awarded.

Source: CONNECT