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Life Science Research Investments and Bio Economics in Oregon

1. In 2009, NIH and other life science research investments in Oregon surpassed \$510 million in federal research funding, an increase of 9 percent over 2007.

2. Additionally, NIH funneled another \$55 million to Oregon research organizations for fiscal year 2009 via the American Recovery and Reinvestment Act.

3. The 2009 Battelle Institute/BIO national benchmarking study, released in May, 2010, found that *"The bioscience industry in Oregon has generally outpaced job growth compared with the national sector since 2001."*

4. The BIO study also found:

- Oregon is specifically called out as being one of eight states—Minnesota, Indiana, Iowa, Florida, Oregon, North Carolina, Arizona, and Colorado—and Puerto Rico contributing large employment gains (more than 1,000 jobs) in medical devices and equipment."
- Oregon is again cited as having among the highest growth rate in NIH funding: "Of those states that had at least \$200 million in NIH funding in FY 2004, five states—Georgia, Tennessee, Florida, Michigan, and Oregon—had growth rates of 30 percent or greater from FY 2004 to FY 2009."

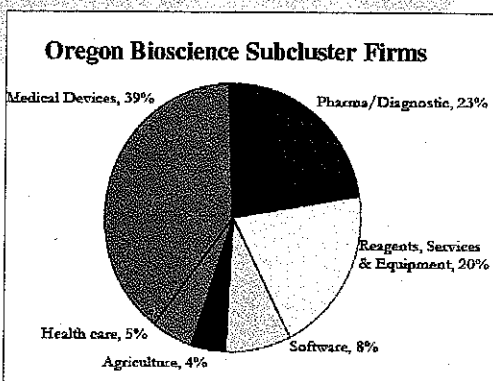
5. Highlights of Oregon's bio industry (as measured in 2009):

- Contributed \$7.1 billion directly and indirectly to Oregon's economy
- Employed more than 36,800
- Average Oregon biotech workers wage: \$56,200
- Provided \$1.9 billion in cumulative personal income
- More than \$460 million spent on research, with most of this coming from federal funding sources
- Over 600 private companies and research institutions
- Provides a 2.6 employment multiplier
- And growing . . .

6. In Oregon, the bioscience industry provides an employment multiplier of 2.6, showing that every 10 jobs in the bioscience industry, on average, support an additional 16 jobs in other sectors of the economy. For comparison, the weighted average employment multiplier for the state of Oregon is 1.85. The industry provides a personal income multiplier of 2.2.

7. Patents with an Oregonian either as the inventor or assignee continued steady activity from 2002 through 2009, totaling more than 21,000 from 2002-2009, as noted in the "2009 Pacific Northwest Intellectual Property Metrics" analysis, commissioned by Portland law firm Swider Medeiros Haver LLP. From 2002 to 2009, the number of federal trademarks issued to Oregonians also increased, totaling more than 12,850.

<http://www.smhllaw.com/wp-content/uploads/2010/02/2009-Pacific-Northwest-Intellectual-Property-Metrics.pdf>



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