

Ideation, Entrepreneurship, and Innovation

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John Locke



**One's experiences
form the genesis
for one's ideas.**



David Hume

**Impressions, feelings,
and sensations are
the genesis of one's
ideas**

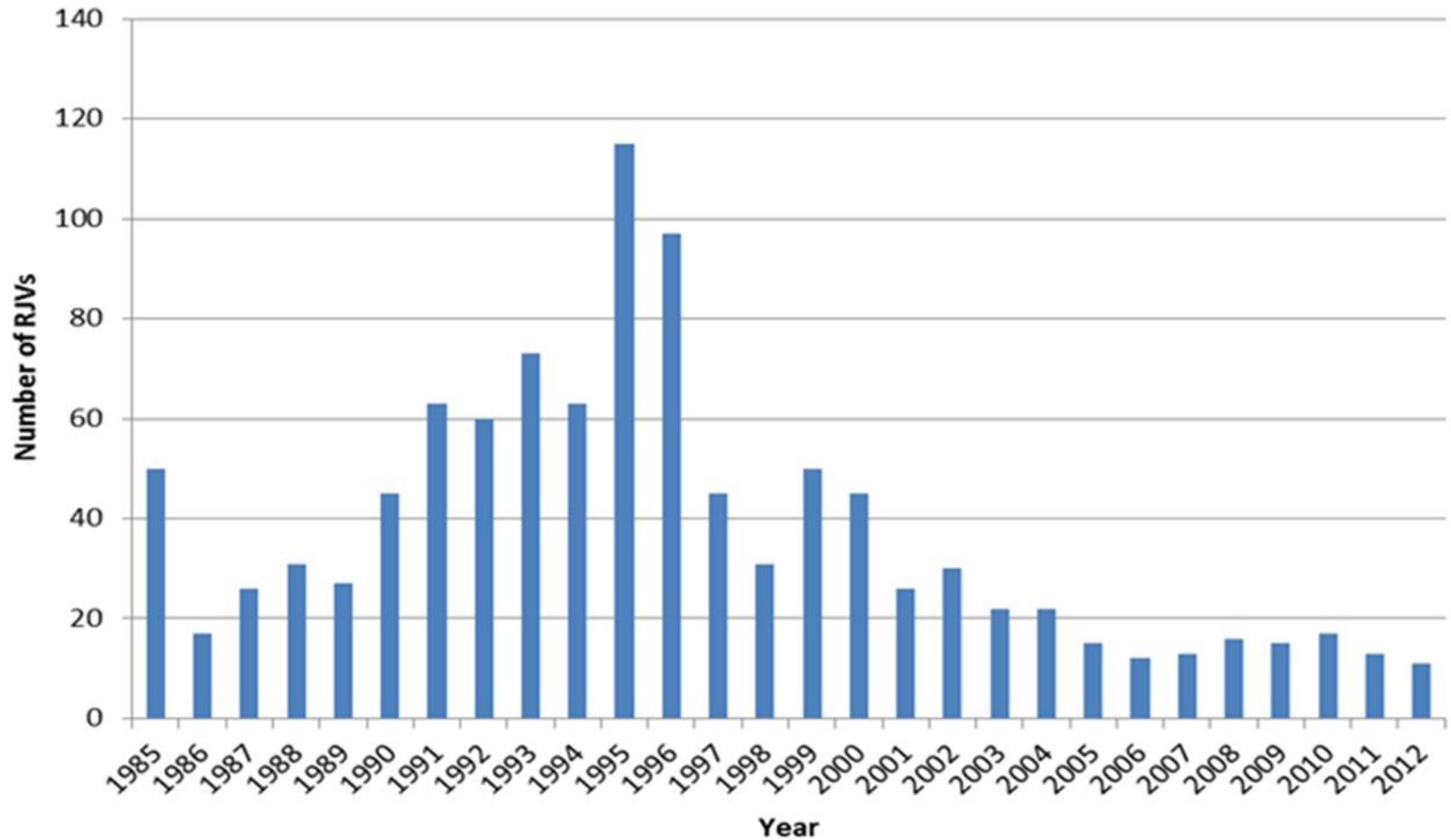


Cohen, Nelson, and Walsh (2002)

- The most important source of public information for industrial R&D came from publications and reports.

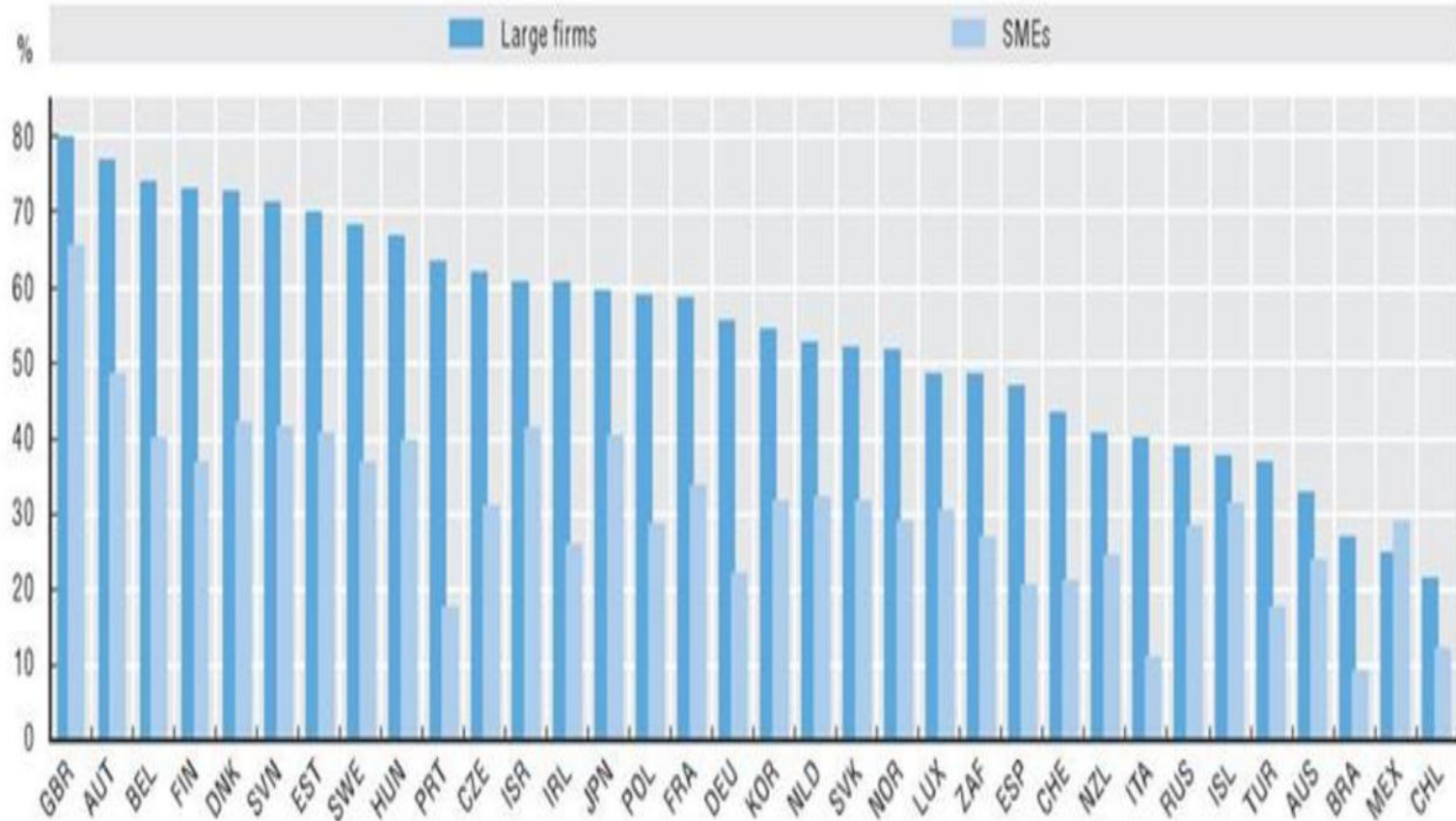


U.S. Research Joint Ventures



Firms collaborating on innovation activities, by size, 2008-10

As a percentage of product and/or process innovative firms in each size category



Source: OECD, based on Eurostat (CIS-2010) and national data sources, June 2013. See chapter notes.

StatLink  <http://dx.doi.org/10.1787/888932891321>



Most Important Information Source for the Formation of a U.S. Research Joint Venture

Information Source	Most Important Source*
New idea that resulted from our in-house R&D	53.7%
Idea that resulted from research reported at scientific conferences	16.4%
Idea that came from a firm member of the RJV	10.8%
Idea that resulted from knowing what our competitors were doing	7.1%
Idea that resulted from research reported in scientific publications	6.5%
Previously in-house idea that was pursued but did not succeed	3.7%
Idea that resulted from customer feedback	2.0%
Idea that came from a university member of the RJV	<1.0%

* Sum does not add to 100% due to rounding.

Source: National Research Joint Venture Database.



The Performance of an R&D-Based Organization

$$\textit{Performance} = F(\$R\&D, \mathbf{X})$$



The Performance of an R&D-Based Organization

$$\textit{Performance} = F(\$R\&D_{\textit{inside}}, \$R\&D_{\textit{outside}} \mathbf{X})$$



THANK YOU



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