

# Funding Agricultural Research and Development (R&D)

Farm Foundation Forum  
National Press Club, Washington DC  
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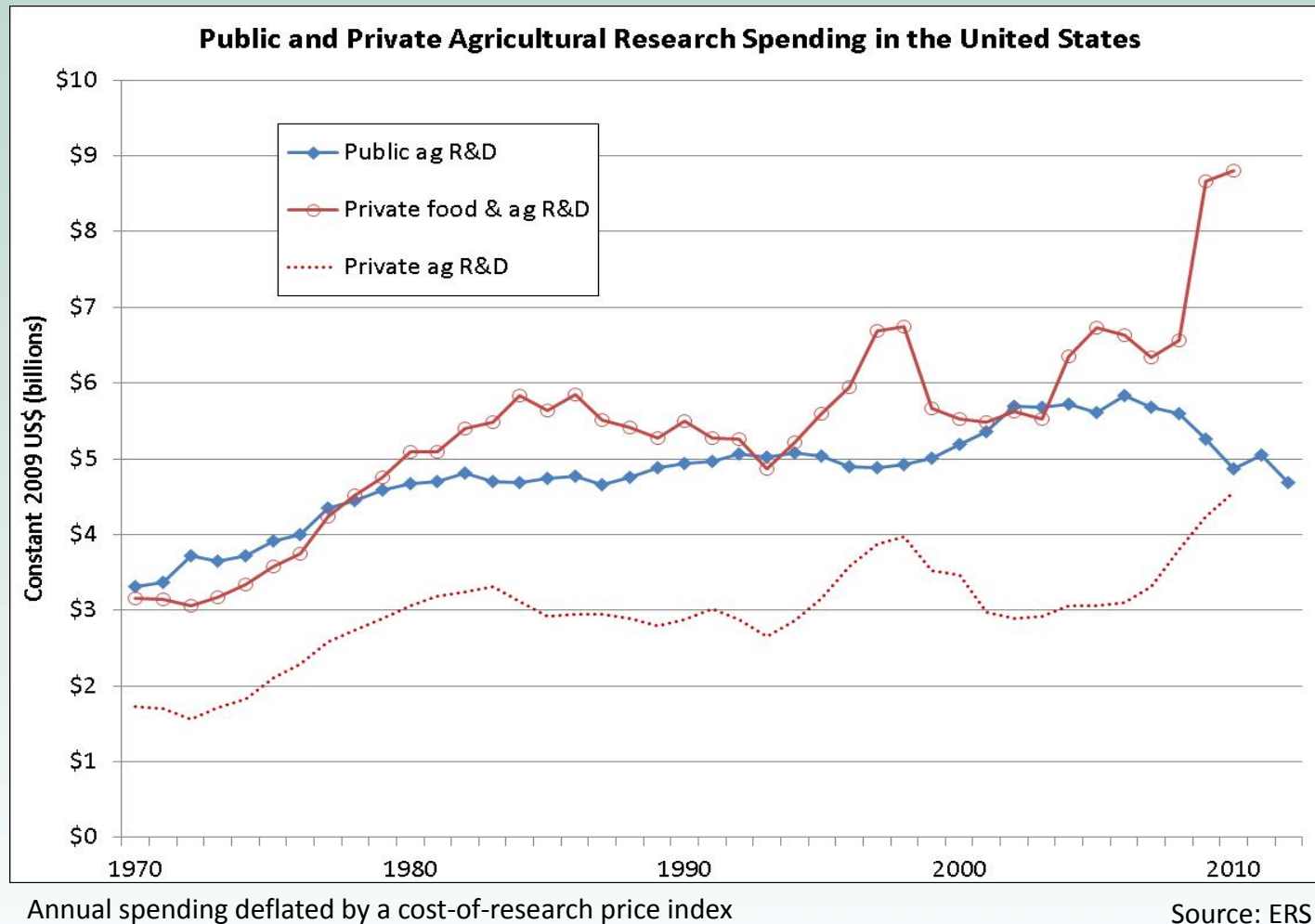
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**United States Department of Agriculture, Economic Research Service**

The views expressed are those of the author(s) and should not be attributed to the Economic Research Service or USDA.

# Real spending on public agricultural research has stagnated while industry spending has grown

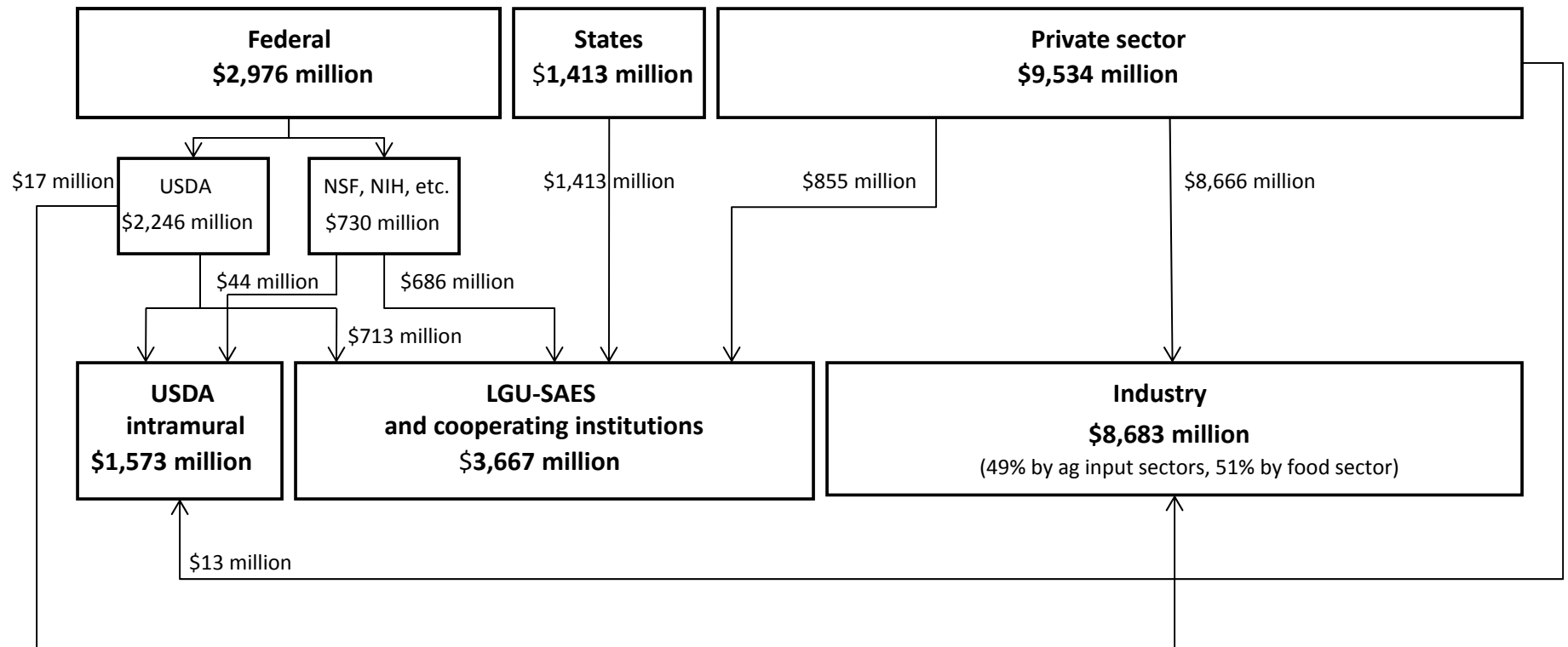


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# Federal, state and private institutions play major roles in the U.S. food and agricultural innovation system

Funders and performers of U.S. food and agricultural research in 2009



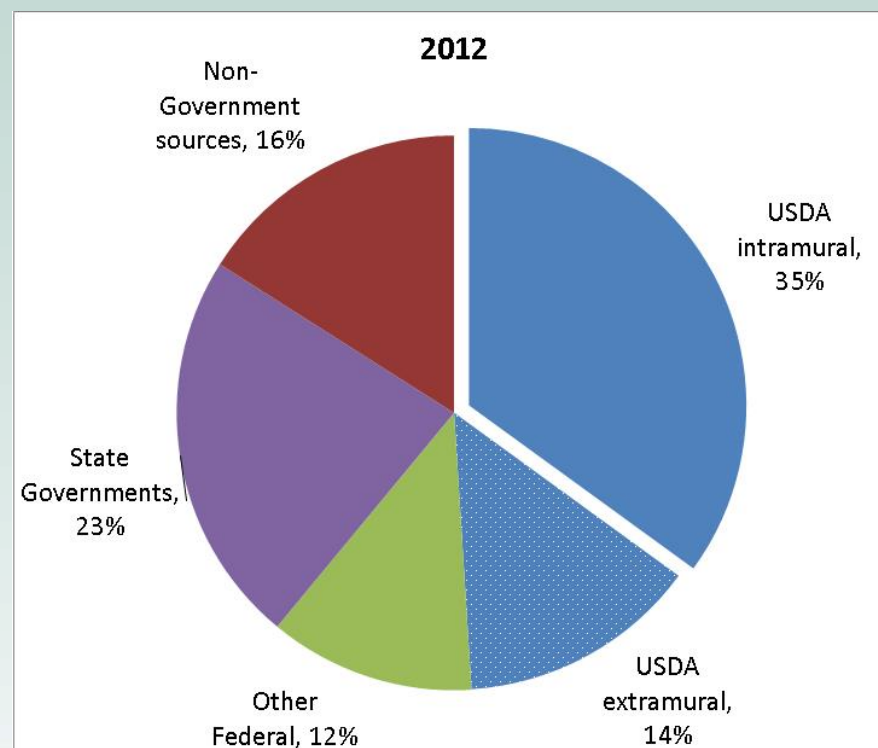
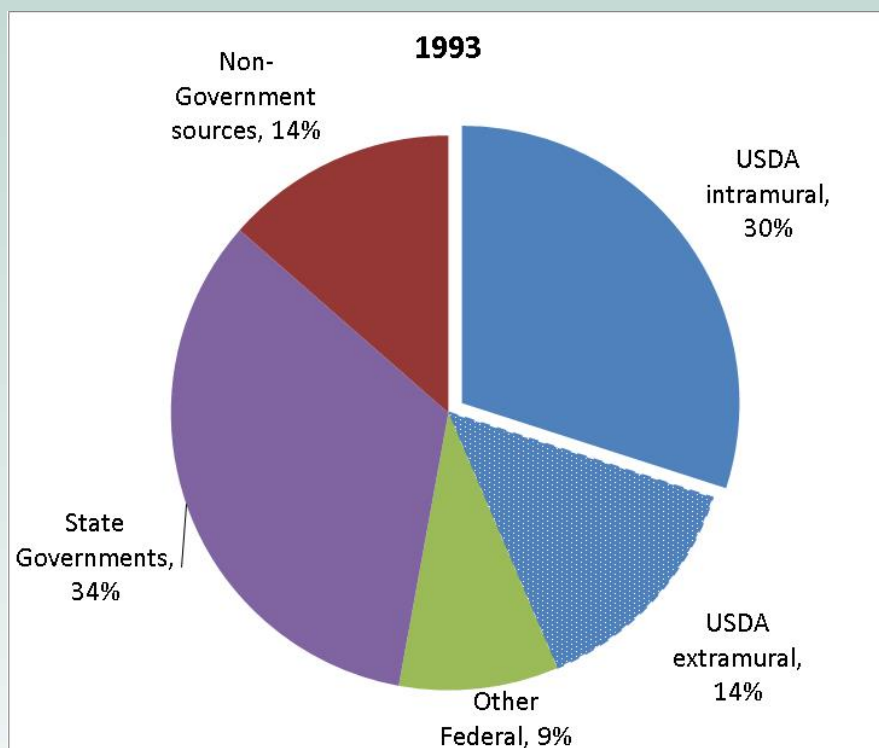
Source: ERS



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# Sources of support for public agricultural research have diversified



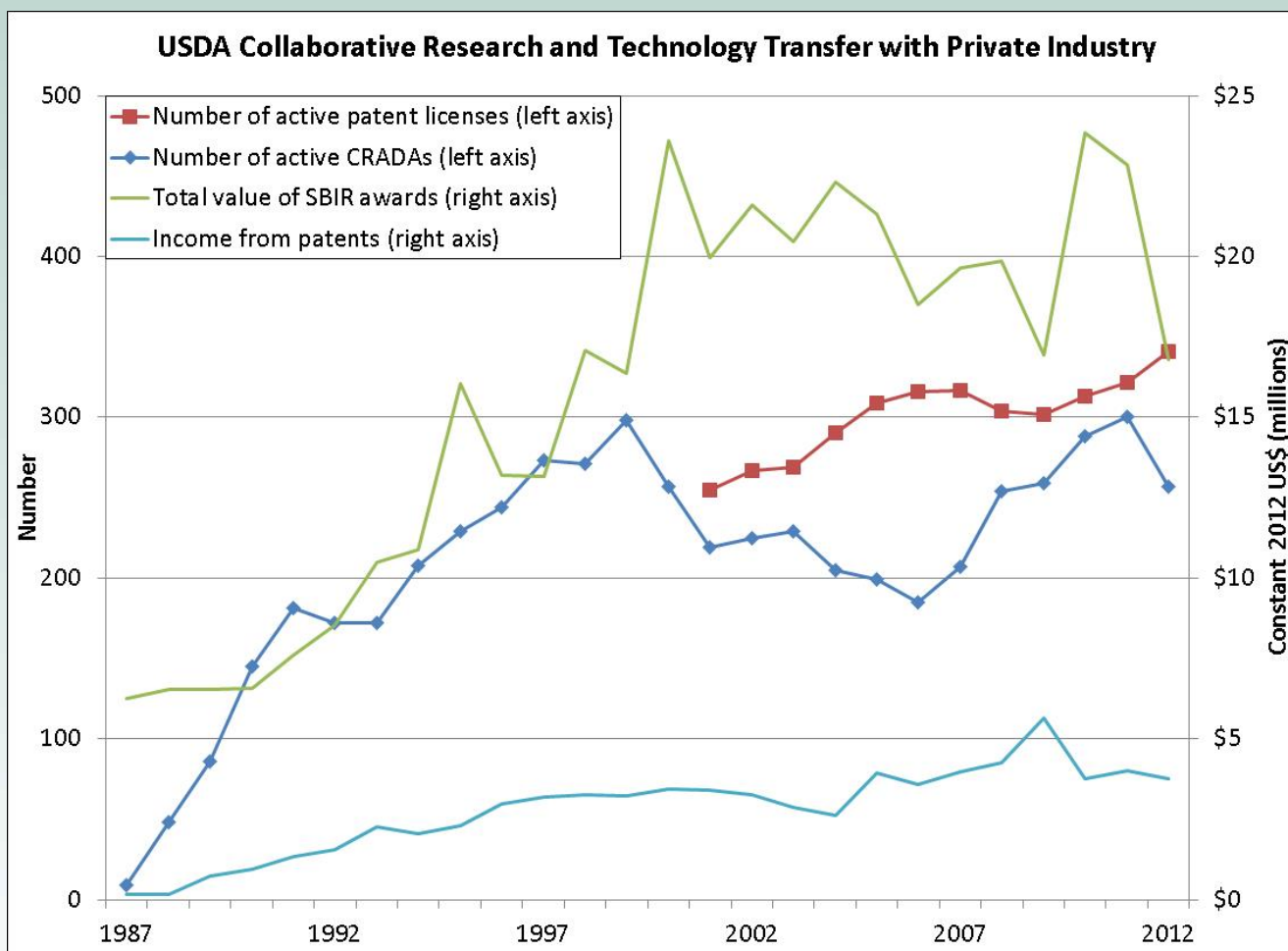
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# Public-private collaboration in agricultural research has grown



Source: Fuglie and Toole (2013)



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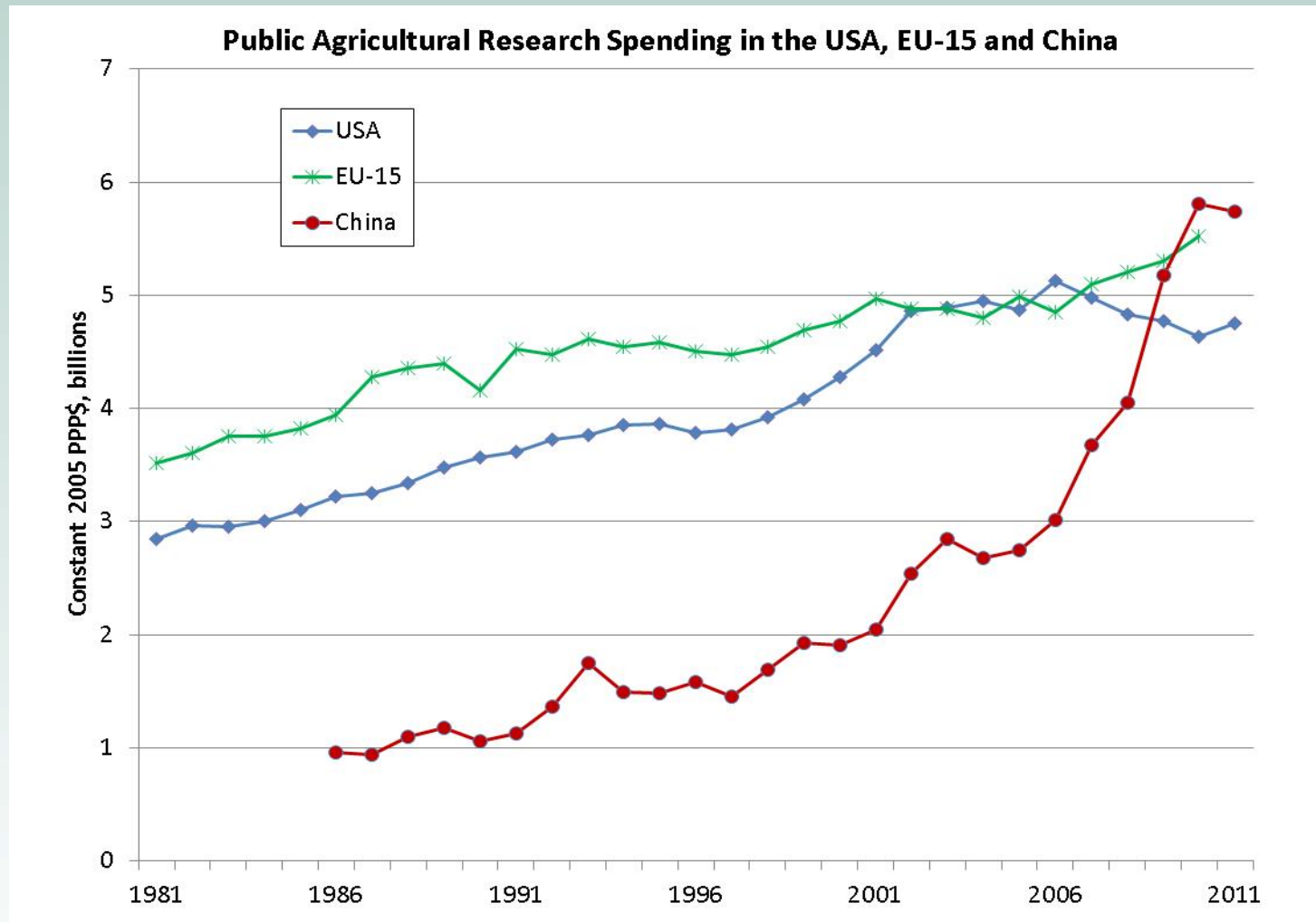
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## Results of agricultural research reforms in other countries have been mixed

- Australia
  - 1980s/90s: government matched producer research levies
- UK & Netherlands
  - 1980s: Privatized components of public research and extension
- Impact
  - Shifted funding of research from government to private sector but did not necessarily raise more support for agricultural R&D
  - Hard to maintain support for basic agricultural research
  - Stagnant research funding followed by slowdown in agricultural productivity growth in Australia and UK



# The United States may be losing global leadership in agricultural science



Annual spending deflated by GDP price index

Source: ERS, compiled from USDA, ASTI and OECD data



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