

**OVERVIEW:** Research and development is a critical contributor to innovation and long-term economic growth, and the United States has a long history of being a global leader. According to a new collaborative report from The Council of State Governments and Elsevier—"America's Knowledge Economy: A State-by-State Review"—the United States published more than 536,000 publications in 2013. Predictably, states with larger populations also tended to publish more. For example, California and New York were the top two producers from 2004 to 2013. From 2004 to 2013, a big chunk of United States publications—more than one-quarter—focused on the field of medicine. Over the same period, Massachusetts and California produced the most impactful research—also called field-weighted citation impact—among all states. This brief offers a state-specific snapshot of data pulled from the report. To read the full report, visit [www.csg.org/knowledgeeconomy](http://www.csg.org/knowledgeeconomy).

## 1.04 PUBLICATIONS

PER 1,000 RESIDENTS, 2013

U.S. Average: 1.70 publications per 1,000 residents

## FIELD-WEIGHTED CITATION IMPACT, 2004–13

**1.29** Cited 29% more than  
global average

### COMPARATIVE ADVANTAGE IN RESEARCH

## BUSINESS, MANAGEMENT, & ACCOUNTING

Ranked 4<sup>th</sup> among all states in terms of research impact



## TEXAS

 | TOP COLLABORATING  
STATE, 2004–13

1,882 collaborations (7.1% of all of Arkansas's publications)

## 1<sup>ST</sup> AMONG ALL STATES

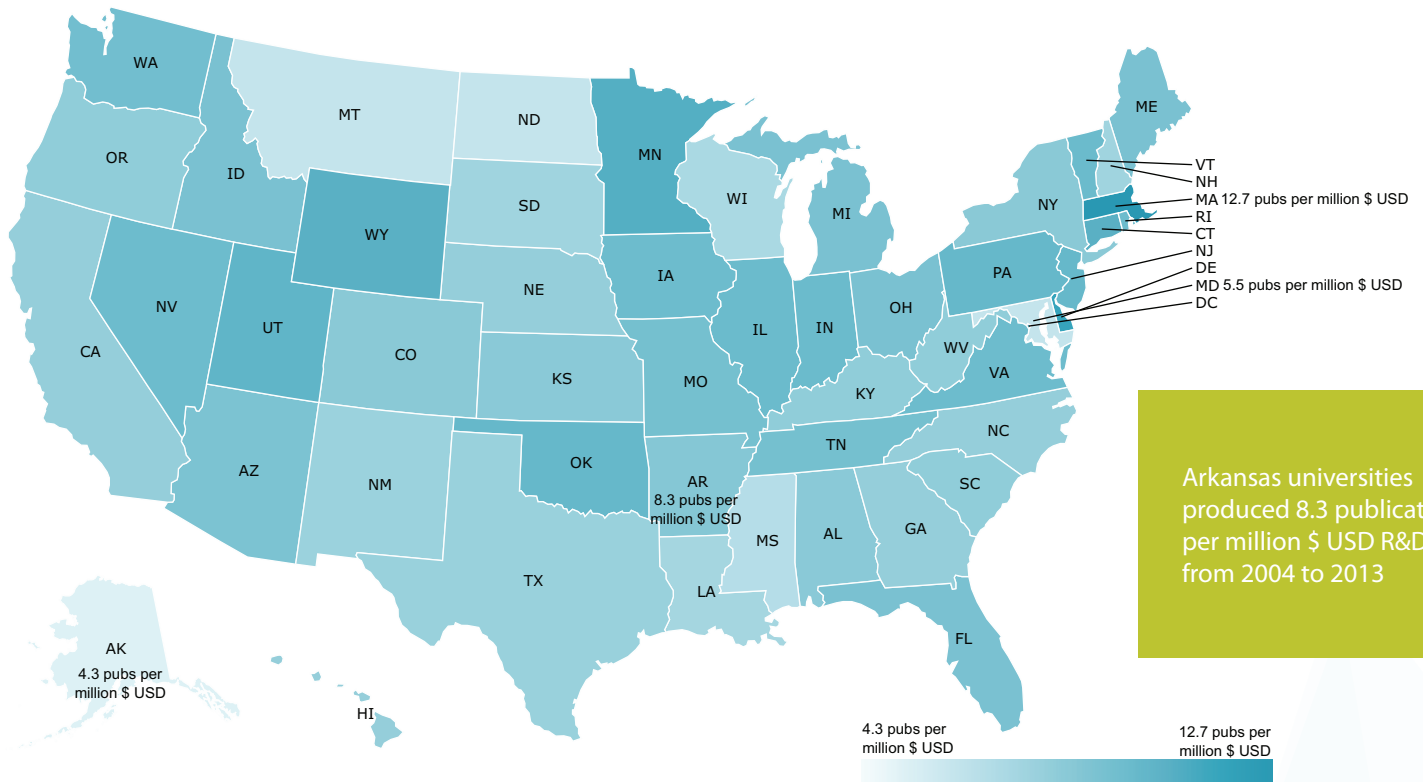
Growth in corporate research as percentage of  
total state research, 2004–13

### GROWING CRITICAL MASS OF RESEARCH FROM MEDICAL SECTOR

**5<sup>th</sup> among all states in relative research volume from the medical sector and 3<sup>rd</sup> among all states in terms of growth of relative research volume from the medical sector.**

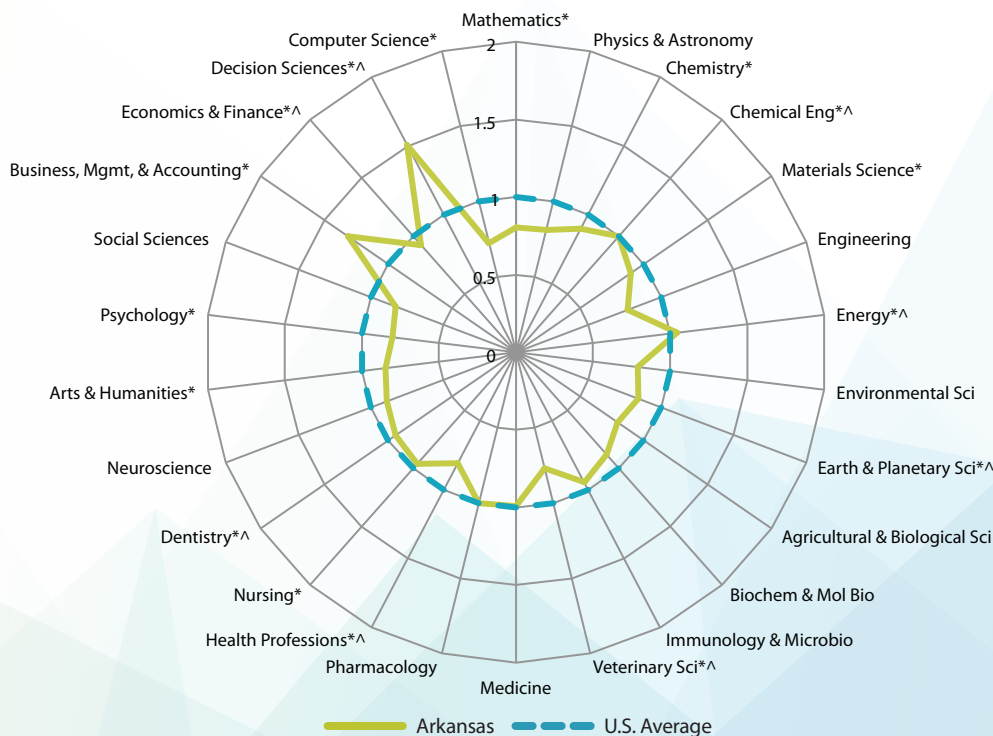
# America's Knowledge Economy: A State-by-State Review | ARKANSAS

Number of academic publications per million \$ USD in higher education R&D expenditures for U.S. states, 2004-13 (in 2013 \$)



Source: Scopus® and NSF Higher Education Research and Development Survey

## Impact Across Research Fields, 2004-13



\* and ^ indicate the state did not produce more than 100 publications in that research field for 2004 or 2013, respectively.

Source: Scopus®