

**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).

**1.27 PUBLICATIONS**

**PER 1,000 RESIDENTS, 2013**

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

**FIELD-WEIGHTED CITATION  
IMPACT, 2004–13**

**1.17** Cited 17% more than  
global average

**RELATIVE RESEARCH STRENGTH**

**PHYSICS & ASTRONOMY**

Cited 7% more than the U.S. average.



**LOUISIANA**

**TOP COLLABORATING  
STATE, 2004–13**

1,568 collaborations (4.5% of all of Mississippi's publications)

**INTERNATIONAL RESEARCH AUDIENCE**

**73%** of all usage of Mississippi's research come from outside  
the U.S., the highest among all states.

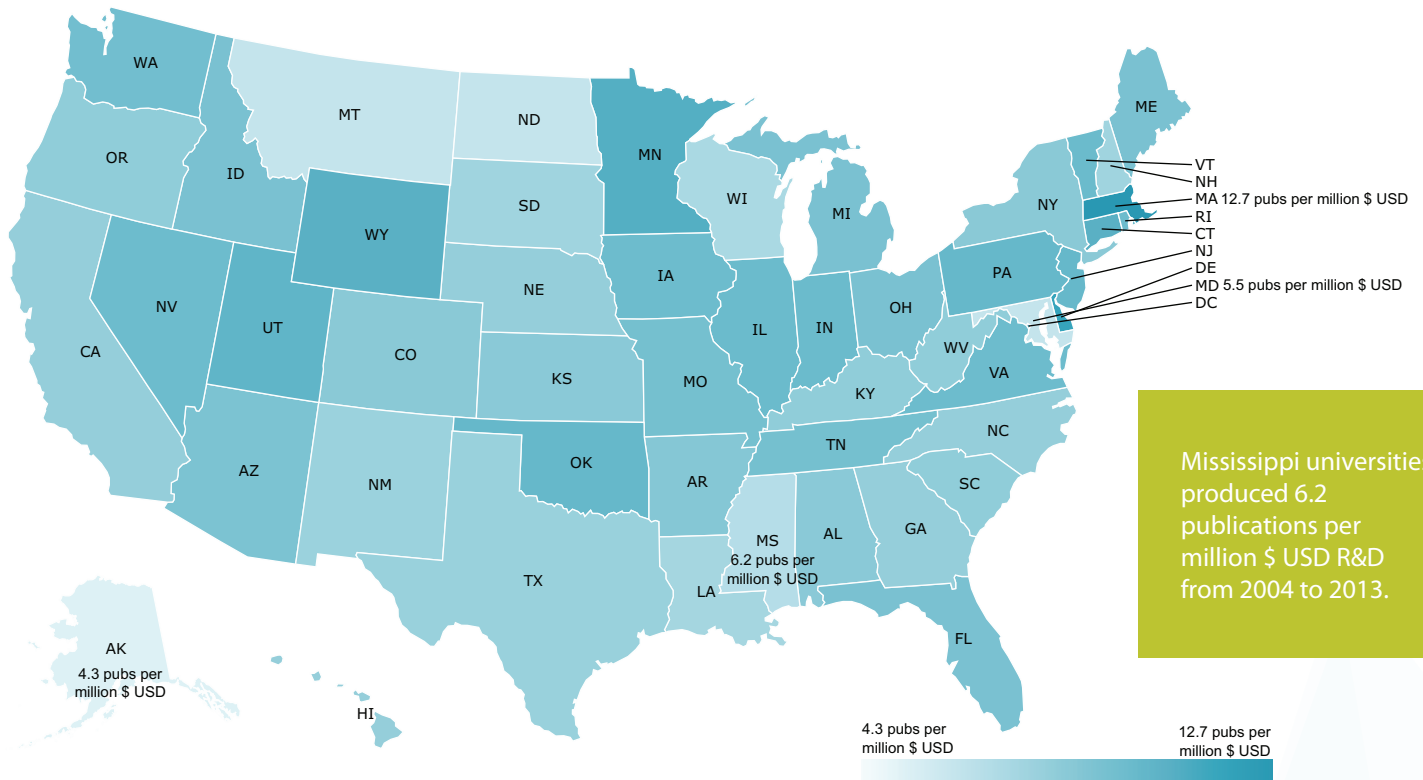
**HIGH RELATIVE VOLUME IN CHEMISTRY, 2004–13**

**3<sup>RD</sup> AMONG ALL STATES**

Mississippi produces **45% more** publications in  
chemistry than its total research volume would suggest.

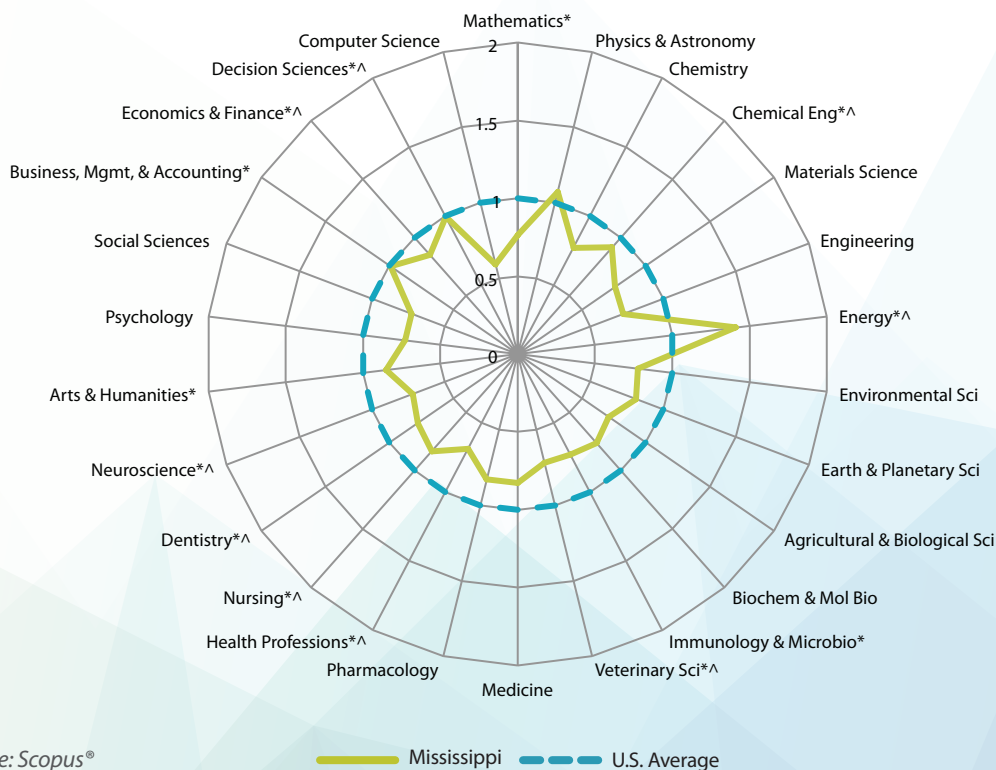
# America's Knowledge Economy: A State-by-State Review | MISSISSIPPI

## 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



Mississippi's research in physics and astronomy is cited 7% more than the U.S. average.