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.

1.87 PUBLICATIONS
PER 1,000 RESIDENTS, 2013
U.S. Average: 1.70 publications per 1,000 residents

FIELD-WEIGHTED CITATION IMPACT, 2004–13
1.79 Cited 79% more than global average

MOST IMPACTFUL RESEARCH FIELD
EARTH & PLANETARY SCIENCE
Ranked 2nd among all states in terms of research impact and cited 53% more than the U.S. average.

NEW YORK | TOP COLLABORATING STATE, 2004–13
20,683 collaborations (12.9% of all of New Jersey’s publications)

RESEARCH STRENGTH IN BASIC SCIENCES, 2004–13
4th among all states in terms of relative impact of research in physics & astronomy, computer science, & mathematics.

8th among all states | Research impact across all fields, 2004–13.
20.8% of New Jersey’s total research output is from its corporate sector, the highest rate among all states.

New Jersey’s research in Earth and planetary science is cited 53% more than the U.S. average.