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—a 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.

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

FIELD-WEIGHTED CITATION IMPACT, 2004–13
1.90 Cited 90% more than global average

MOST IMPACTFUL RESEARCH FIELD
MEDICINE Ranked 2nd among all states in terms of research impact and cited 44% more than the U.S. average.

CALIFORNIA TOP COLLABORATING STATE, 2004–13
42,985 collaborations (12.4% of all of Maryland’s publications)

4TH AMONG ALL STATES $31.6 BILLION Research and development funding, 2004-13

4TH AMONG ALL STATES Research impact across all fields, 2004-13

www.csg.org/knowledgeeconomy
The field-weighted citation impact of Maryland’s research is above the U.S. average in most areas, particularly the life and health sciences.