

# RISE OF THE REST ROAD TRIP

## BY THE NUMBERS

New and small firms have created over

# ONE MILLION JOBS PER YEAR

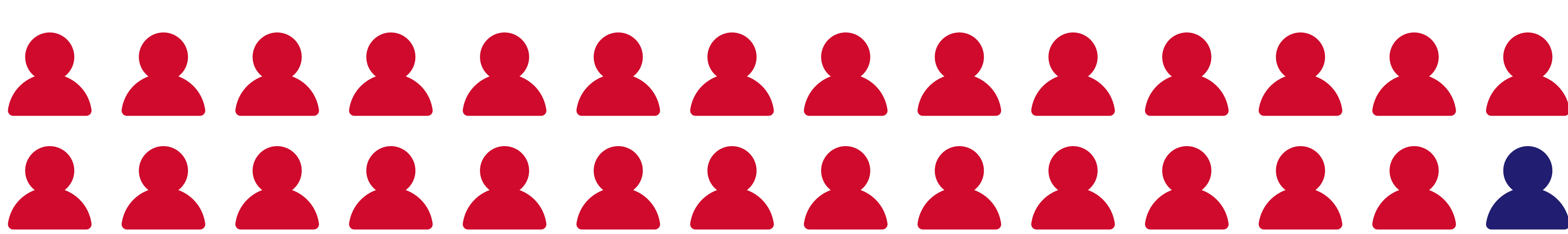
over the past three decades.

### NEW BUSINESS FORMATION

During the last three decades, the high-tech sector was 23 percent more likely and ICT 48 percent more likely than the private sector as a whole to witness a new business formation.

↑ ITC  
**48%**

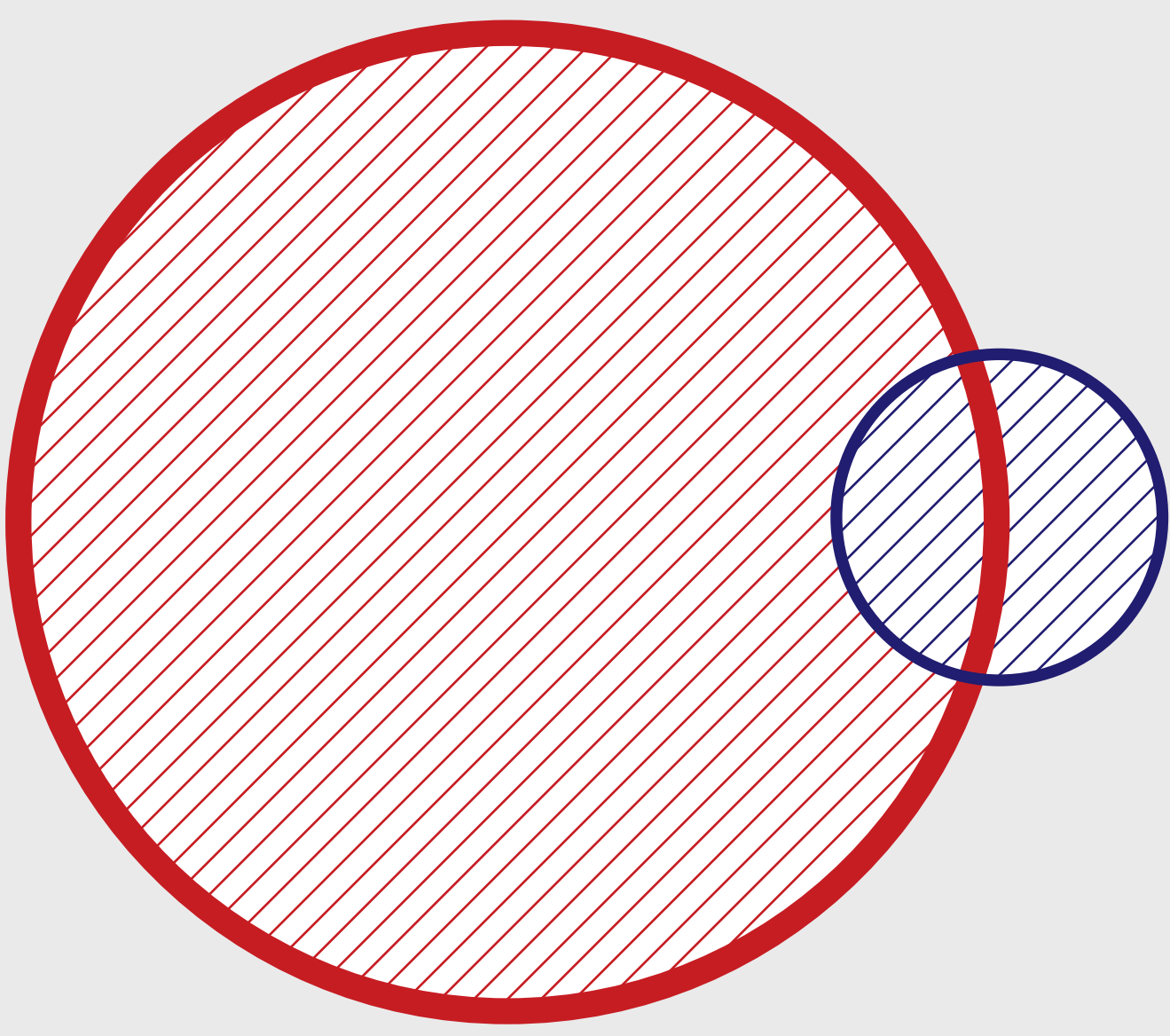
↑ HIGH-TECH  
**23%**



### EMPLOYMENT GROWTH

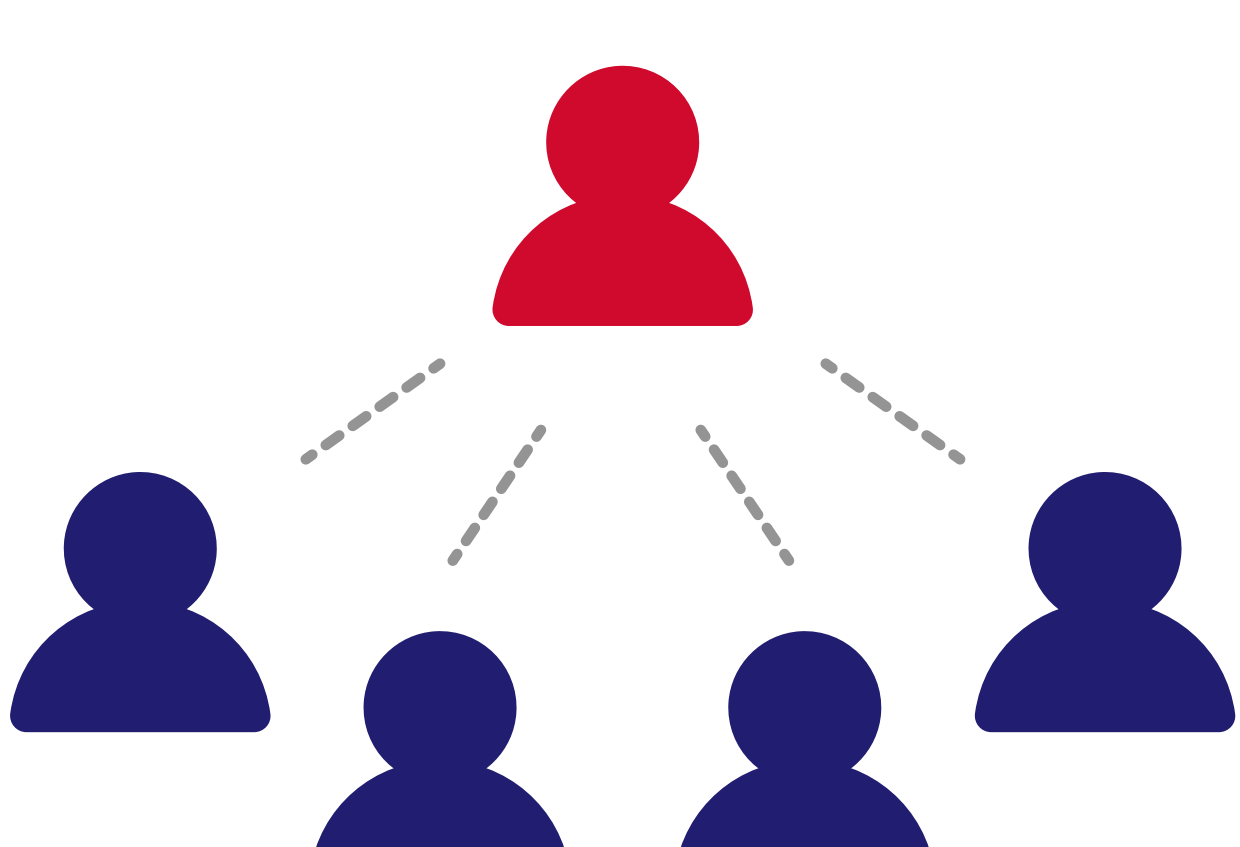
Between 2002 and 2011, employment growth in STEM occupations has outpaced job gains across all occupations 27:1

 STEM OCCUPATIONS  ALL OCCUPATIONS



Since 2004, employment growth in the high-tech sector has outpaced growth in the private sector 3:1

 HIGH-TECH SECTOR  PRIVATE SECTOR



### JOB CREATION

The creation of 1 high-tech job is projected to create 4.3 other jobs in a local economy

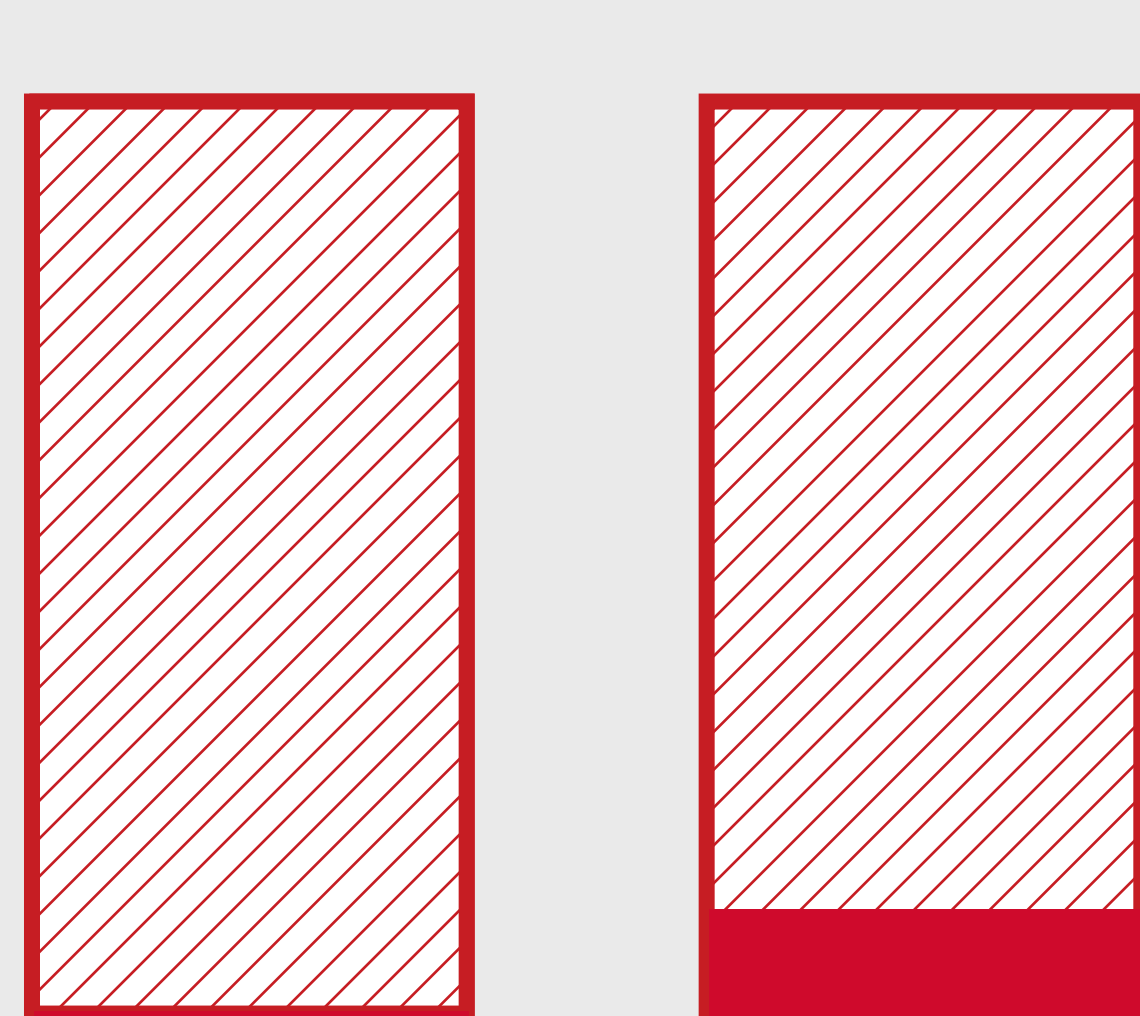
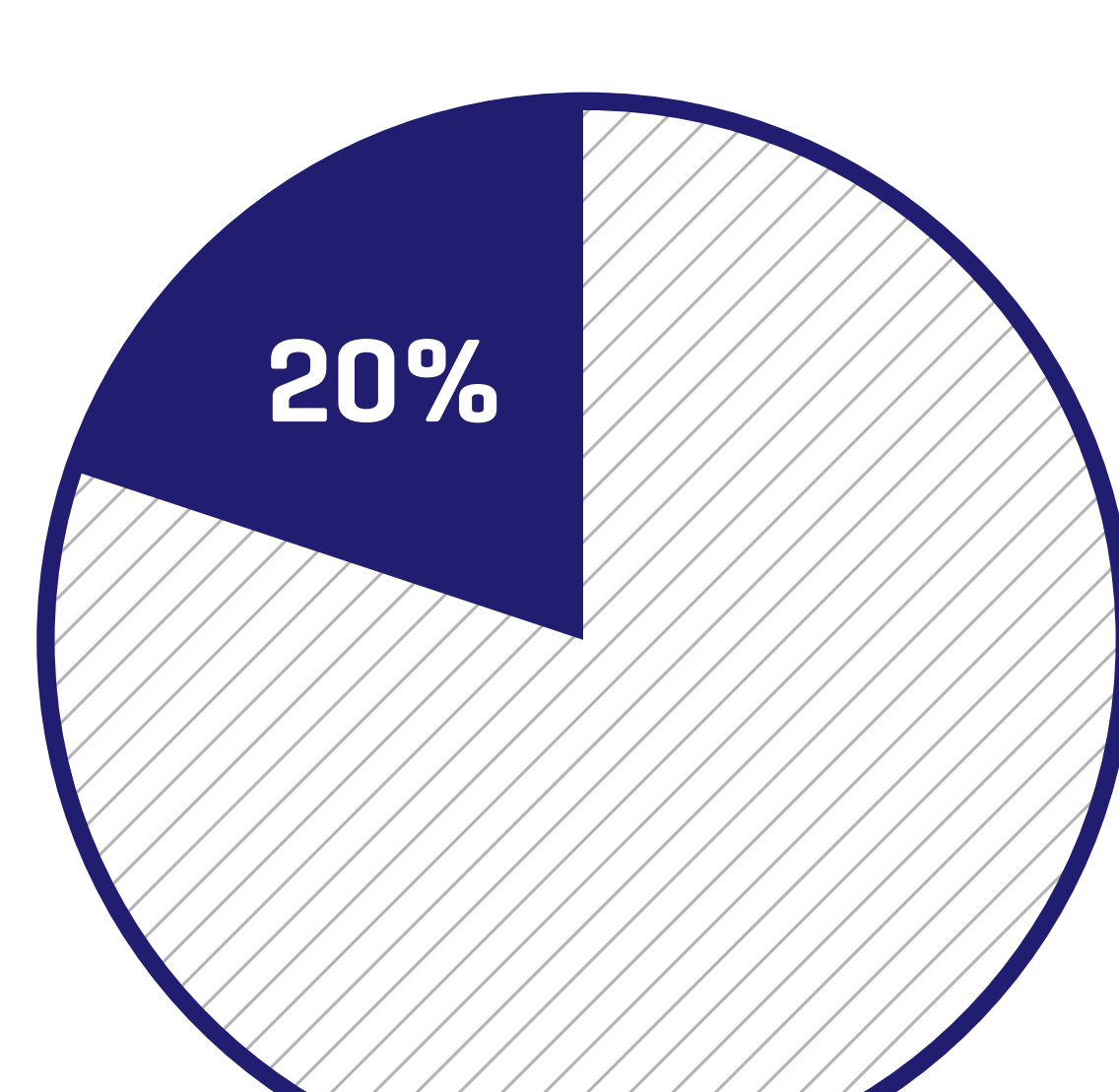
**HIGH-TECH AND ICT STARTUPS ARE GEOGRAPHICALLY DISPERSED, AND ARE INCREASINGLY LIKELY TO SPROUT IN LOWER DENSITY REGIONS.**

**THE OPPOSITE IS TRUE FOR FIRMS ACROSS THE ENTIRE PRIVATE SECTOR.**

**IN THIS NEW ECONOMY, THE RIGHT SKILLS ARE HIGHLY PRIZED BUT HARD TO COME BY.**

### STEM KNOWLEDGE REQUIREMENTS

As of 2011, 20 percent of all jobs require a high level of knowledge in any one STEM field



**10%**  
1850

**20%**  
2010

### STEM JOBS

STEM jobs have doubled as a share of all jobs since the Industrial Revolution, from less than 10 percent in 1850 to 20 percent in 2010

**MORE STEM-BASED METROPOLITAN ECONOMIES PERFORM STRONGLY ON A WIDE VARIETY OF ECONOMIC INDICATORS, FROM INNOVATION TO EMPLOYMENT.**



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