

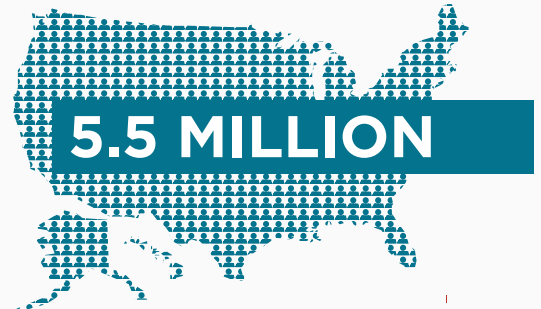
SOLVING THE SKILLS GAP

Businesses can't find people with the STEM knowledge and skills they need, according to a new survey of CEOs. Business Roundtable and Change the Equation members weigh in on the effects of the skills gap on the bottom line.



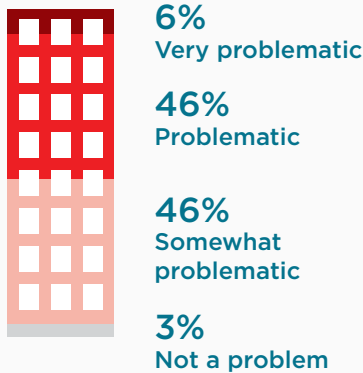
ENGINES OF PROSPERITY

BRT and CTEq members represent a big slice of the economy. Together, they generated **\$4.4 trillion** in revenue and employed **5.5 million** people in the United States in 2013.



Skills Shortage

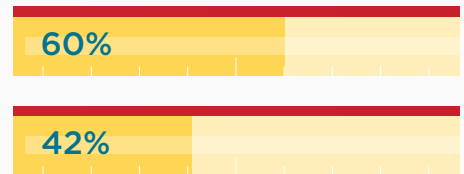
More than half say skills shortages are a significant problem for their companies.



Help Wanted in STEM

60% of these companies' roughly 200,000 current U.S. job openings require basic STEM literacy; 42% require advanced STEM knowledge.*

200,000 job openings



STEM Retraining

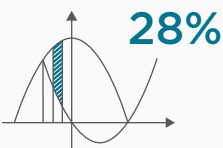
Advanced computer/IT knowledge, general business skills, and advanced quantitative knowledge are top areas where employers say retraining is needed.



Advanced computer/IT knowledge



General business skills



Advanced quantitative knowledge

Filling the Coming Void

Companies will have to replace **945,000** U.S. employees with basic STEM literacy and **635,000** U.S. employees with advanced STEM knowledge in the next five years.



The Basic STEM Skills Gap

38% of companies say at least half of their entry-level job applicants in the U.S. lack even basic STEM skills.



38%



70%



54%



37%



21%

Shortage Solutions

70% say internships are one of the most effective ways to address shortages

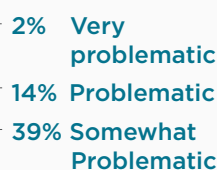
54% say assisting education institutions with curriculum development

37% say apprenticeship programs

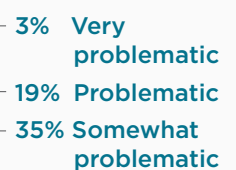
21% say assisting educational institutions with classroom instruction

The Graduate Skills Gap

55% of companies see skills gaps among U.S. applicants with bachelor's degrees. 57% see gaps in those with industry-recognized certifications.



Bachelor's degree graduates



Industry-recognized certifications