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# FIND YOUR FUTURE

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Building a Pathway from Middle  
School to College & Career



# OBJECTIVE

- Gain insights into how to support your child's success in high school, college, and beyond
  - Define “College Ready”
  - Identify important behaviors, attitudes, and skills that lead to student success
  - Identify an academic pathway through high school to college



# RULES OF THE EVOLVING LANDSCAPE

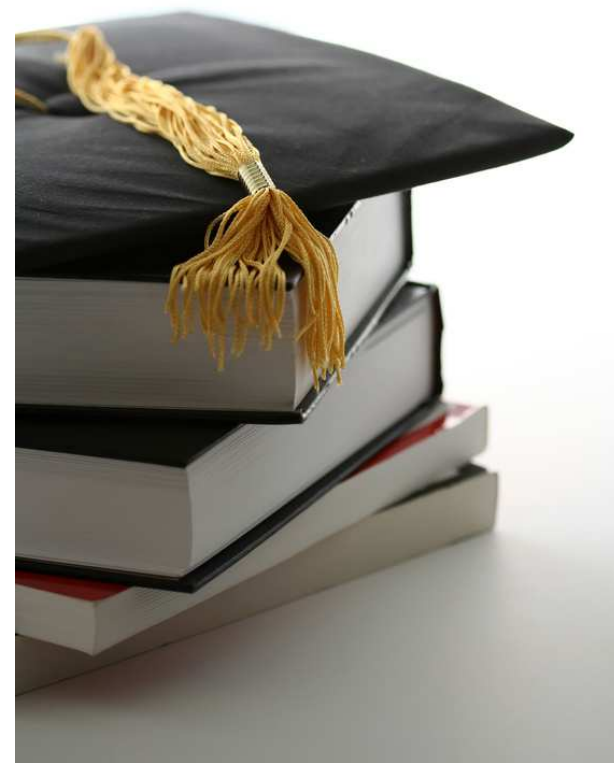
- ❑ Rule 1: Success is now essentially a skills and behaviors game
- ❑ Rule 2: The 21<sup>st</sup> Century will reward individuals who can create and innovate
- ❑ Rule 3: Competition is now global
- ❑ Rule 4: Obtained Education level will greatly influence success
- ❑ Rule 5: The traditional “in classroom” K-12 education system will not by itself prepare your child for success in the 21<sup>st</sup> century



# **MANAGING RISK IN THE COLLEGIATE LANDSCAPE**

# DEFINING “COLLEGE READY”

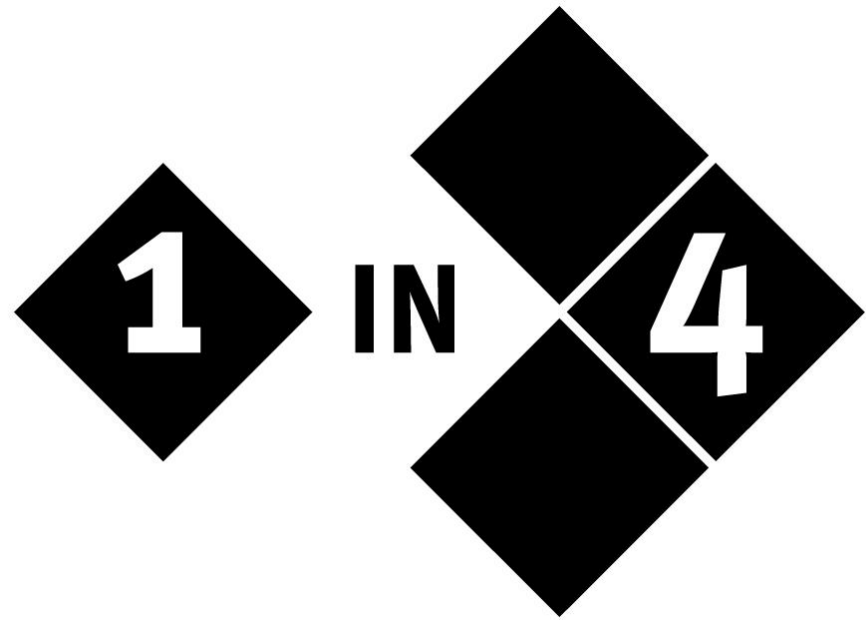
“The level of preparation a student needs in order to enroll and succeed . . . at a postsecondary institution that offers a baccalaureate degree . . .”



David T. Conley, *Redefining College Readiness*, (Eugene, OR, Education Policy Improvement Center), March 2007.

# REALITY OF COLLEGE READINESS

Based upon ACT benchmarks, **only in 1 in 4 U.S. students are academically ready for college** upon high school graduation.



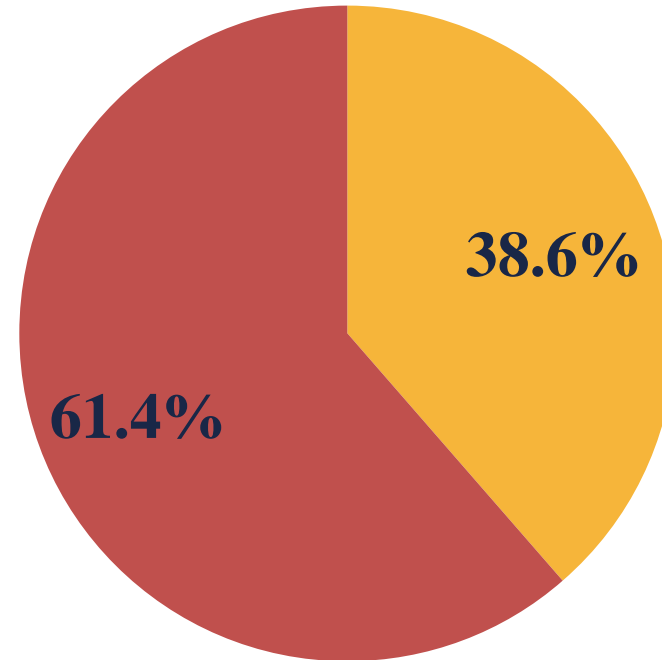
Source: ACT (2013). *The Condition of College & Career Readiness 2013*.

# 4 YEAR COLLEGE COMPLETION RATES

## Percent of Students Who Graduate Within Four Years

■ Graduate in 4 Years ■ Do Not Graduate in 4 Years

★ Over 60% of freshmen who enroll in a four year degree program will not finish on time



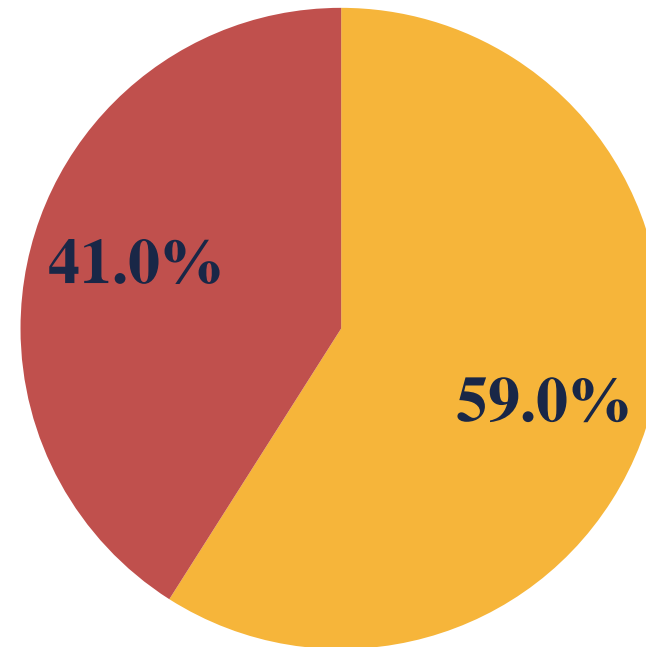
Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Graduation Rates component (provisional data).

# 6 YEAR COLLEGE COMPLETION RATES

## Percent of Students Who Graduate Within Six Years

■ Graduate in 6 Years ■ Do Not Graduate in 6 Years

★ Over 40% of freshmen who enroll in a four year degree program will not finish within six years

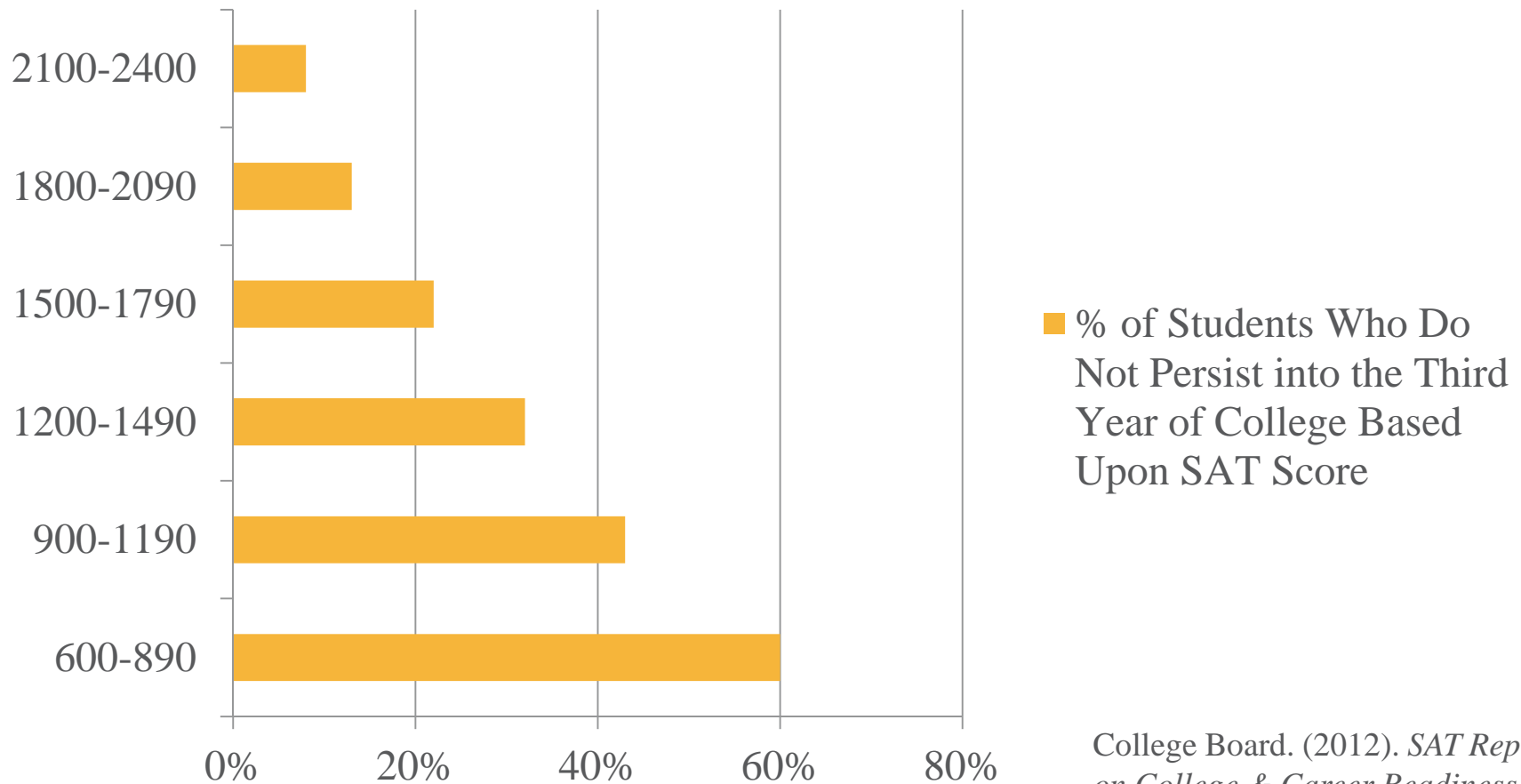


Source: U.S. Department of Education, National Center for Education Statistics, Institute of Education Sciences (IES), Spring 2013, The Condition of Education 2013



# BUT I AM A HIGH ACHIEVER...

**% of Students Who Do Not Persist into the Third Year of College Based Upon SAT Score**



College Board. (2012). *SAT Report on College & Career Readiness: 2012.*

# WHAT WE KNOW ABOUT SUCCESS

# KEY INGREDIENTS

## ★ The Big 3

- Quality Teacher
- Challenging Learning Environment
- Support outside the classroom

## ★ MS & HS Content & Skills

- 3 R's = Reading, Writing, Math
- 4 C's = Critical Thinking, Collaboration, Communication, Creativity
- Attitudes/Attributes: Persistence, Discipline, Social Awareness, Confidence
- Challenging MS and HS Math Tracks



# BEHAVIORS FOR 21<sup>st</sup> CENTURY SUCCESS

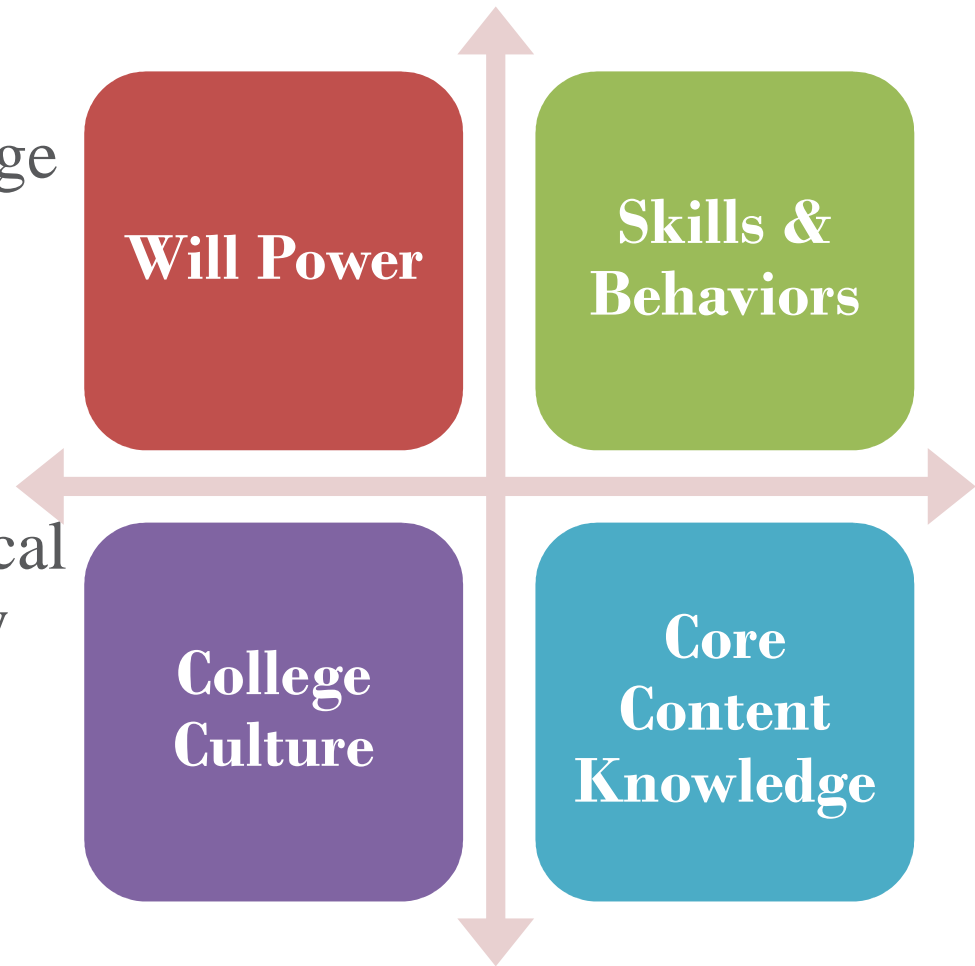


Source: Tony Wagner. (2012). *Creating Innovators*. Scribner: New York.

# BECOME A GRADUATE, NOT A STATISTIC

## ★ Preparation

- **Knowledge** – College Landscape; Core Content
- **Skills** – Communication; Collaboration; Critical Thinking; Creativity
- **Will** – Effort; Perseverance; High Expectations; Confidence



# BECOME A GRADUATE, NOT A STATISTIC

## ★ Engagement

- **Academic** –  
Classroom  
Involvement; Faculty  
Contact
- **Social** – Clubs;  
Athletics; Living on  
Campus





# **BUILDING YOUR PATHWAY**

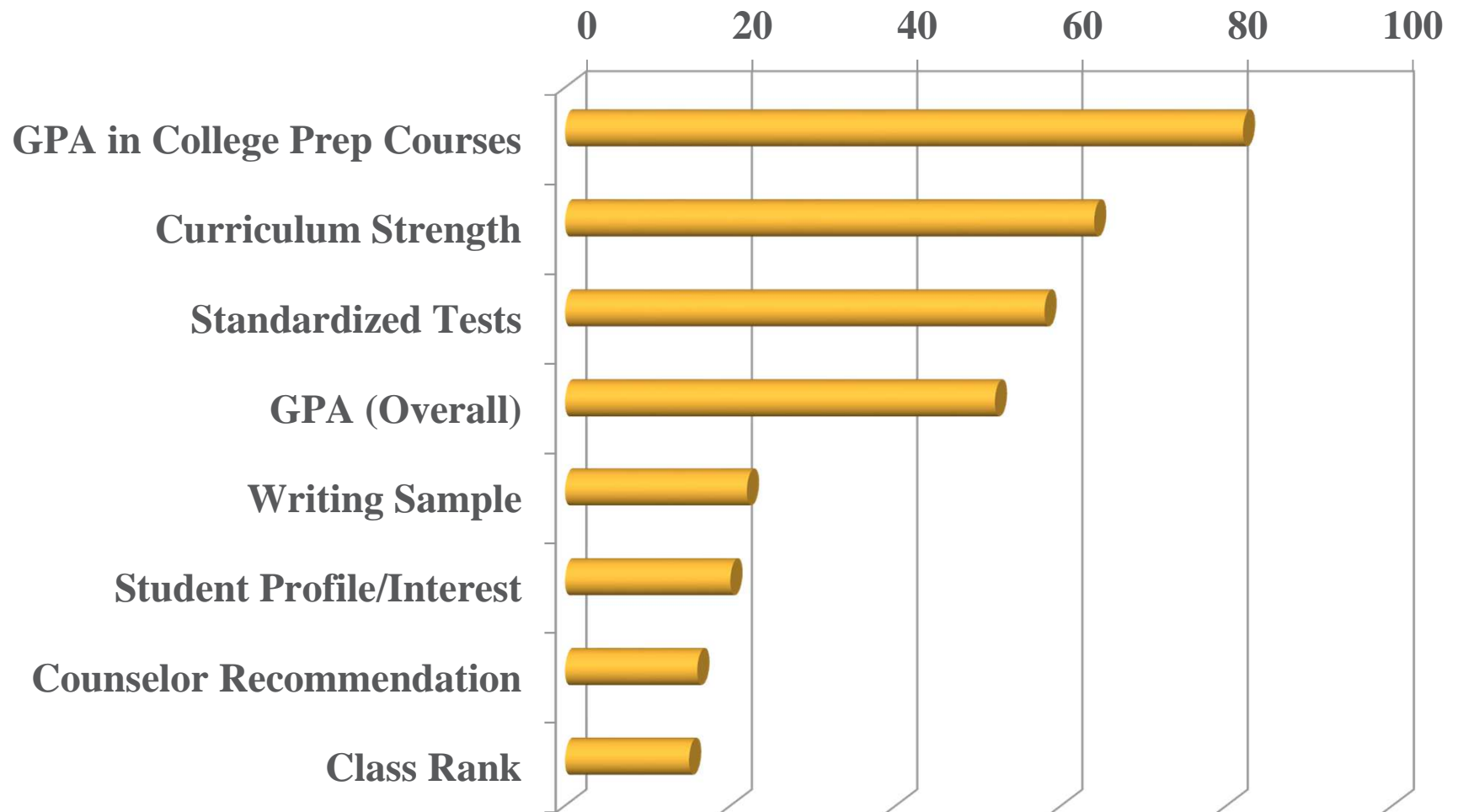
# GETTING IN...

- How do you get from HS to College?
  - Right Academics
  - Hard Work
  - Perseverance
- What Matters
  - HS Curriculum Strength
  - Standardized Test Scores
  - Extra Curricular Activities
  - GPA





# MOST IMPORTANT FACTORS AFFECTING ADMISSIONS DECISIONS



Source: NACAC State of College Admissions 2014

# HIGH SCHOOL CURRICULAR OPTIONS

- ★ Advanced Placement
- ★ International Baccalaureate
- ★ Early College Scholar Programs
- ★ Dual Enrollment
- ★ Others



# ADVANCED PLACEMENT

- Advantages

- Challenging curriculum
- College content experience
- Near universal recognition by American universities

- Disadvantages

- Highly dependent on teacher quality
- Lack of coherence
- Overemphasis on content vs. skills
- Limited access
- Student success rate is low



# INTERNATIONAL BACCALAUREATE

- Advantages

- Coherent and systematic curriculum
- Strong international recognition
- Critical thinking focus
- School within a school approach

- Disadvantages

- Highly dependent on teacher quality
- Global curriculum (?)
- Complexity
- Not as recognized as AP (credit often extended for HL courses or exam scores only)



# EARLY COLLEGE SCHOLAR PROGRAMS

- ★ Goal is to increase post-secondary participation rates in partnership with public post-secondary institutions
- ★ Most courses reflect a career/technical focus though in selection varies by institution
- ★ Restricted to HS juniors and seniors (exceptions are possible depending on state rules)
- ★ Allows for the completion of 15+ college credits while in HS (recommendation is that the credits be free)

# DUAL ENROLLMENT COURSES

- **Articulated Credits**
  - Gain college credit for HS course work
  - No tuition cost
  - Viable transcript for 24 months
  - Credit is NOT transferrable from granting institution
- **Dual Enrollment Credits**
  - Earn HS and college credit simultaneously for college course work
  - Reduced tuition
  - Credit MAY be transferrable to public institutions within the state

# FROM COLLEGE TO CAREER

# ENVISIONING 2020

- U.S. Economy will add 55M net new jobs; of these 24M will be new
- By 2020; 65% of all jobs will require some level of post-secondary education and training, up from 28% in 1973
- High-Wage, High-Demand, and High-Growth occupations demand 21<sup>st</sup> Century Skills



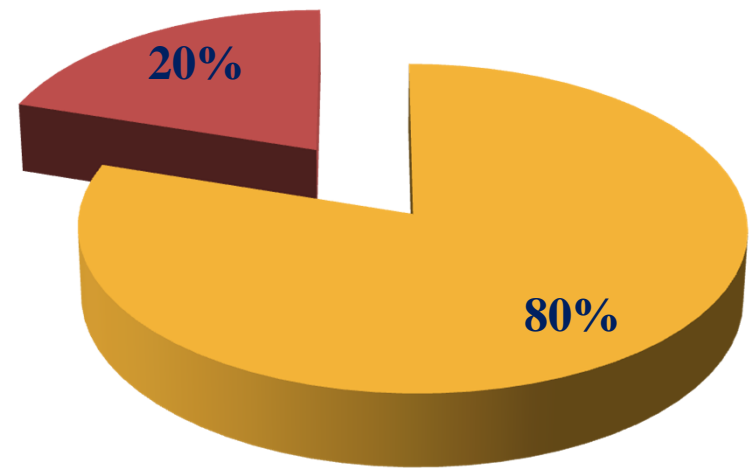
Center for Education and the Workforce (2013).  
*Recovery: Job Growth and Education Requirements through 2020*. Georgetown University.



# CAREER RISK ASSESSMENT

60% of new jobs that emerge in the 21<sup>st</sup> century will require skills that are possessed by only 20% of the current workforce

21st Century Skill Workforce Readiness



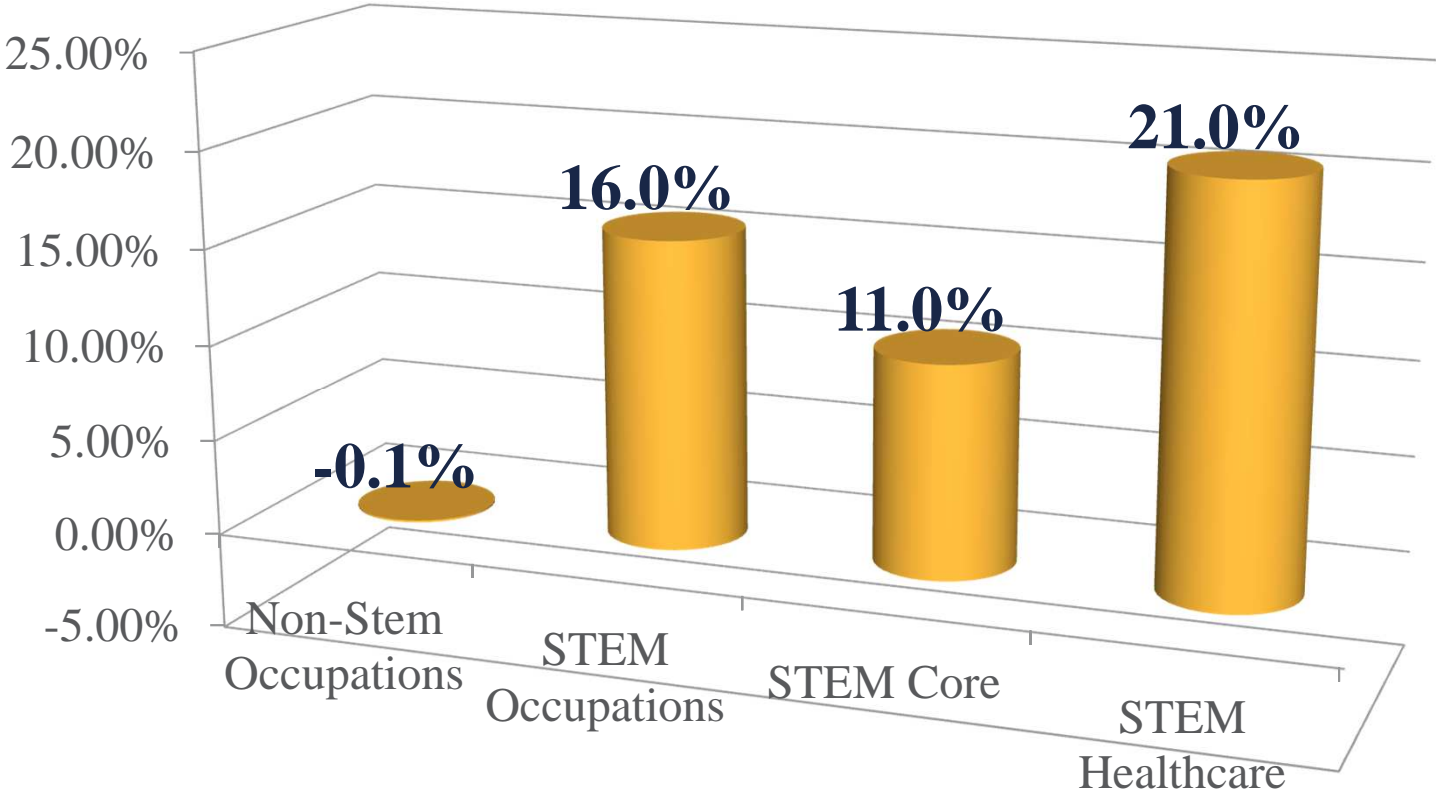
- Not Ready
- Ready

Source: National Commission on Mathematics and Science for the 21<sup>st</sup> Century. (2000).

# OCCUPATIONAL GROWTH TRENDS

## STEM Occupations

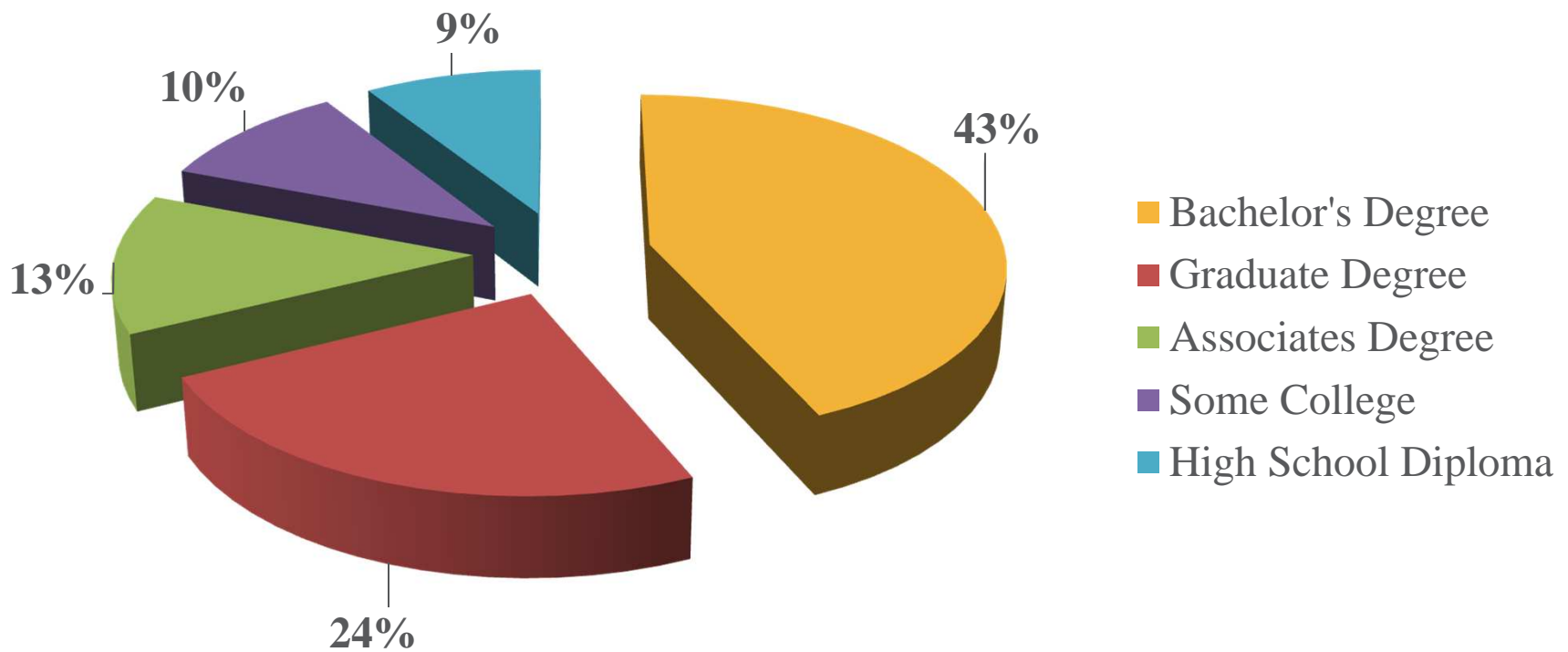
■ Job Increases (May 2004 to May 2012)



Source: US Government Accountability Office (2014). *STEM Education: Assessing the Relationship between Education and the Workforce*. GAO-14-374.

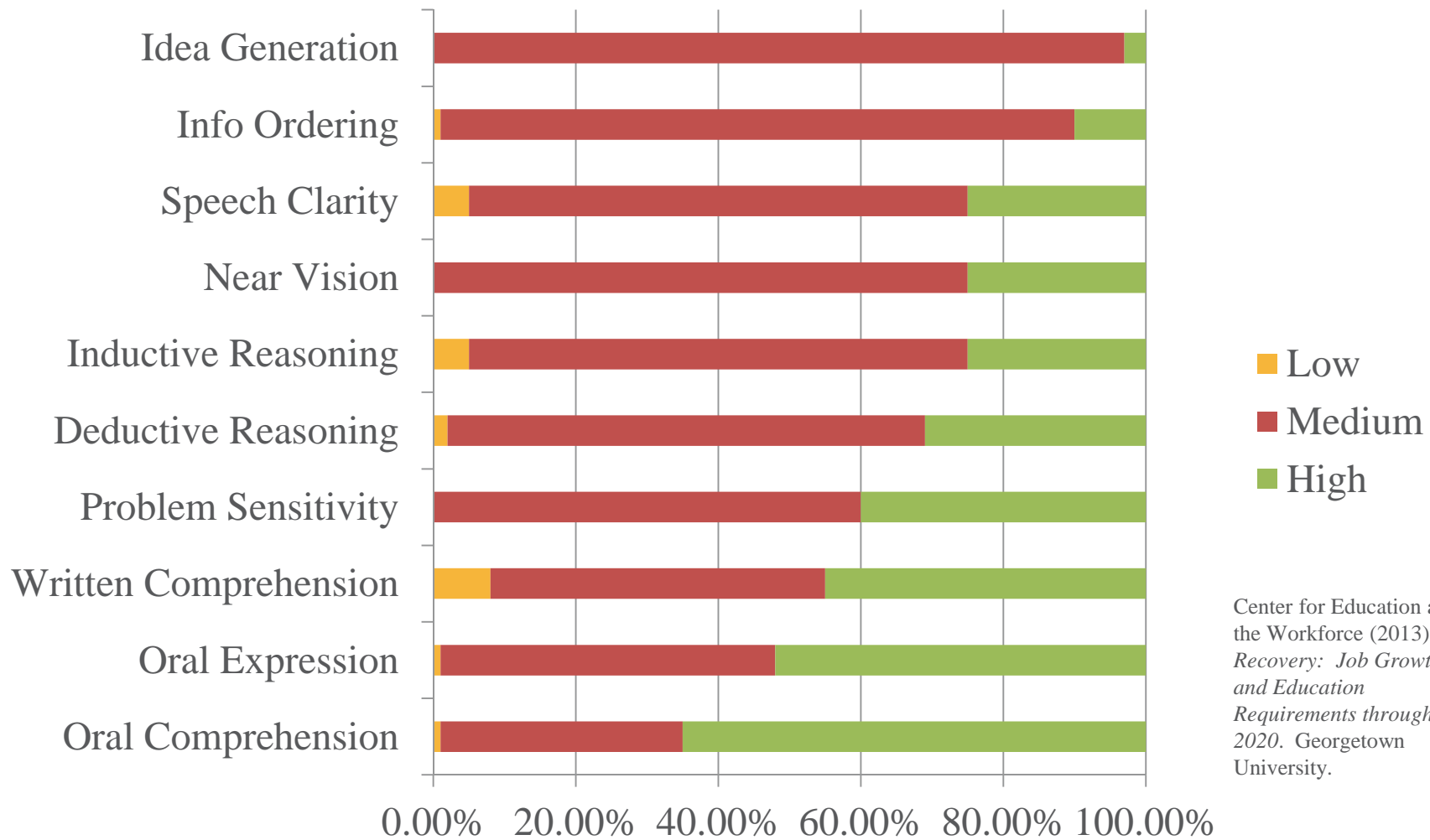
# PREPARING FOR THE STEM REVOLUTION

## Projected 2018 STEM Jobs by Educational Attainment



Source: Anthony Carnevale. (2011). STEM. The Georgetown University Center on Education and the Workforce.

# MOST HIGHLY VALUED ABILITIES (HIGH WAGE, HIGH GROWTH, HIGH DEMAND OCCUPATIONS)



Center for Education and the Workforce (2013). *Recovery: Job Growth and Education Requirements through 2020*. Georgetown University.

# QUESTIONS

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