

Is RVA Ready?

Presentation for Richmond's Future -- May 8, 2014

Kelli Parmley, Executive Director

Jason Smith, PhD, Evidence-Based Decision Making, Manager



BRIDGING RVA
COLLECTIVE ACTION — CRADLE TO CAREER



BRIDGING RVA
COLLECTIVE ACTION — CRADLE TO CAREER

"It's great that you love dinosaurs, but that won't make you college and career ready. Paleontology is a hard field to break into."



BY JOHN SPENCER - CREATIVE COMMONS





Virginia Backdrop

- **Top Jobs Act**- increase college graduation, greater employability, focus on STEM-H
- **Blueprint VA**- prioritize Top Jobs and STEM-H, Grow by Degrees, build on VCCS, align business and K-12 partnerships
- **Four Regional Planning Effort** – Capital Region Collaborative (CRC), Comprehensive Economic Development Strategy (CEDS), The Resource (WIB), and Bridging RVA
- **Virginia Department of Education** – increased requirements for the Standard Diploma starting Fall 2014
- **HB1184**- increase dual enrollment (college credits while in high school)





If our region needs

**65,000 additional 2 and 4 year degrees
(55% of our population) by 2030, and
11,000 of those in STEM-H fields,**

and living wage opportunities for those with
a high school degree or less are
shrinking.....

what about the other 45%?

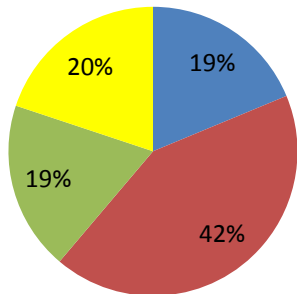




Regional Educational Attainment

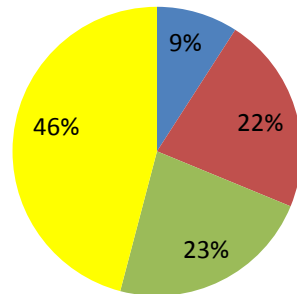
Charles City County

Population 4,153



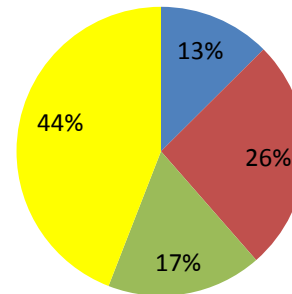
Chesterfield County

Population 173,965



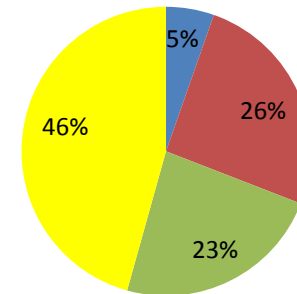
Goochland County

Population 12,660



Hanover County

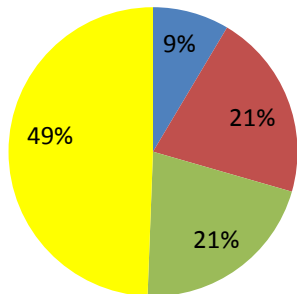
Population 53,799



- Less than 12th grade, no diploma
- High school graduate, GED, or alternative
- Some college, no degree
- Associate's degree or higher

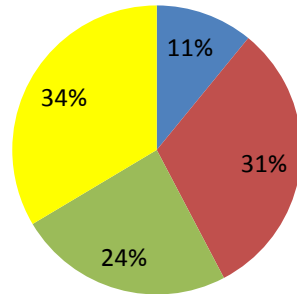
Henrico County

Population 169,936



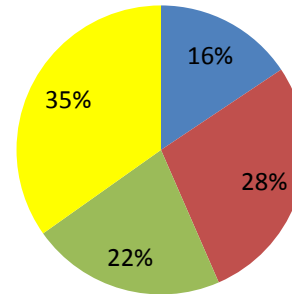
New Kent County

Population 10,897



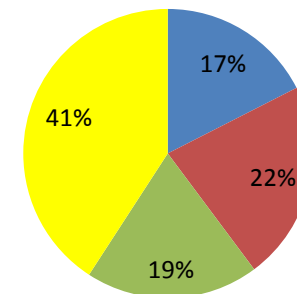
Powhatan County

Population 16,589



City of Richmond

Population 108,098



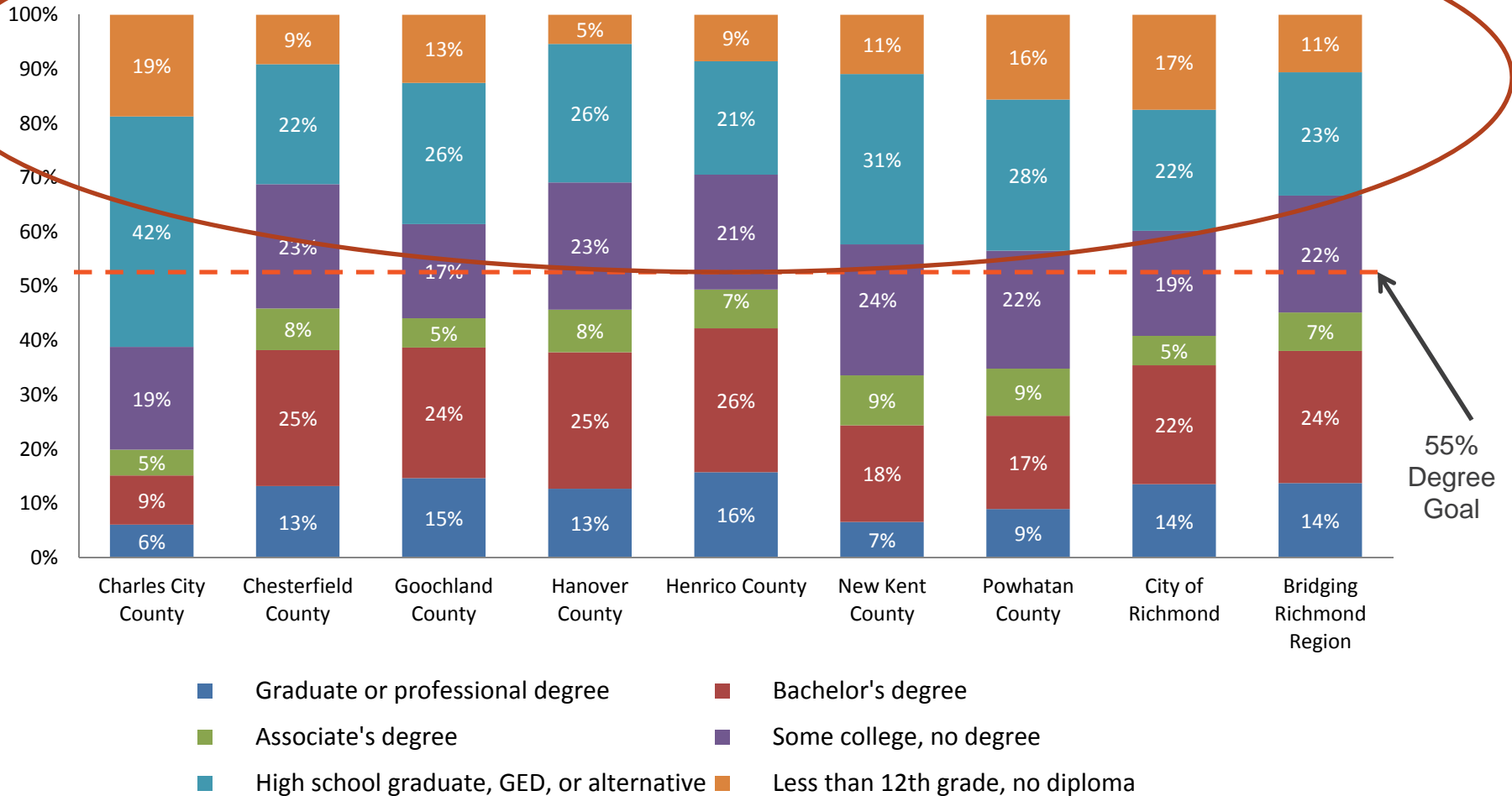
Source: U.S. Census, American Community Survey 2012, 5-Year Estimates . Populations given are for Working Age adults, ages 25-64



BRIDGING RVA
COLLECTIVE ACTION — CRADLE TO CAREER

Educational Attainment in Working-Age Adults

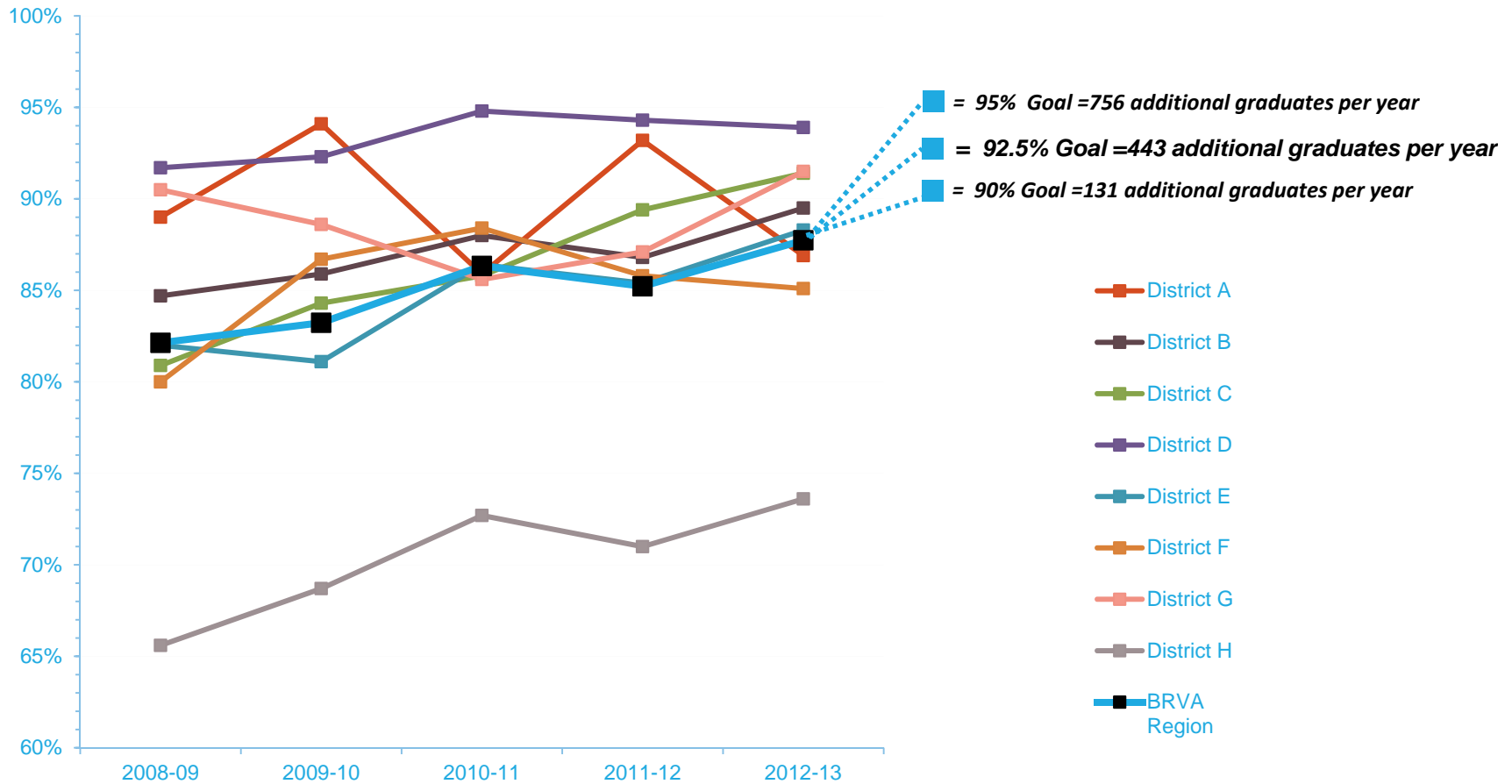
High school, Some College, No Diploma



Source: U.S. Census, American Community Survey 2012, 5-Year Estimates



What if we increased regional on-time graduation rates to 90%, 92.5% or 95%?





Three Opportunities


- A. Strengthen Career Exploration** – as early as middle school

 - B. Support Career and Technical Education (CTE) 2.0**
– as a rigorous, relevant, and real-world approach to post-secondary attainment

 - C. Create Industry/Sector (e.g. healthcare, finance) Partnerships** – identify in-demand, regional career pathways and provide the “real-world” context for CTE 2.0
- 




Recommendation A: Strengthen Career Exploration

- **Regional Career Exploration Portal-** Develop a “portal” accessible to youth and families as early as Middle School
 - **Career counselors-** Advocate for reduced case loads for professional and career counselors to provide sufficient capacity to support career exploration
 - **STEM-H Awareness-** Leverage strength of the Idea Station’s “Science Matters” to promote awareness of regional STEM-H occupations
- 




Recommendation B: Support CTE 2.0

- **Public Perception Campaign-** leverage strength of the Idea Station, colleges, and business partners to improve public perception of CTE 2.0
 - **Contribute to the Education Curriculum-** support access to front-line employee expertise to identify 21st century knowledge, skills, and abilities (KSAs)
 - **Grow Dual Enrollment** - increase the number of teachers certified to teach dual enrollment, improve availability to underserved youth, and improve integration with CTE
- 



Recommendation C: Develop Industry/Sector Specific Partnerships

- **Create Public Awareness Campaign-** Promote the use of comprehensive tools, such as the Virginia Education Wizard, for use by families, counselors, non-profits, etc. to improve career exploration and planning
 - **Develop Regional Career Pathways-** Convene industry partnerships in sectors such as Healthcare, Finance, and Professional/Technical Services to identify at least one high-demand occupation and pilot the development of a regional career pathway
 - **Align Awareness and Work-based Learning-** Utilize sector partnerships to increase awareness of high-demand occupations and efficiently coordinate opportunities to provide youth with work experiences
- 



What would be different if....

- All of our youth, families, and schools had better information about the Top Jobs RVA ?
- Families, youth, educators, and businesses had better information about multiple career pathways?





What would be different if....

- Adults and youth did not see career and technical education as something “other people” do?
- More students graduate high school with college credits and work experience?



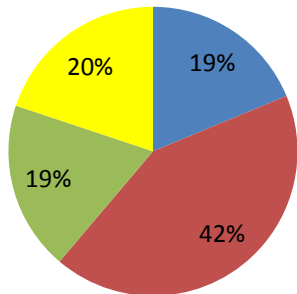


BRIDGING RVA
COLLECTIVE ACTION — CRADLE TO CAREER

Could we begin to see a shift?

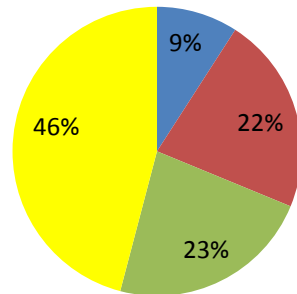
Charles City County

Population 4,153



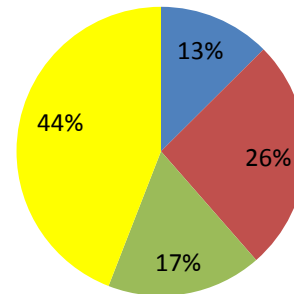
Chesterfield County

Population 173,965



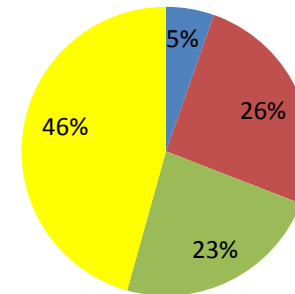
Goochland County

Population 12,660



Hanover County

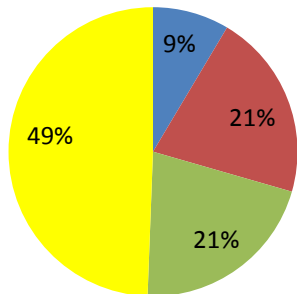
Population 53,799



- Less than 12th grade, no diploma
- High school graduate, GED, or alternative
- Some college, no degree
- Associate's degree or higher

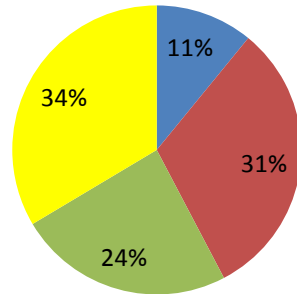
Henrico County

Population 169,936



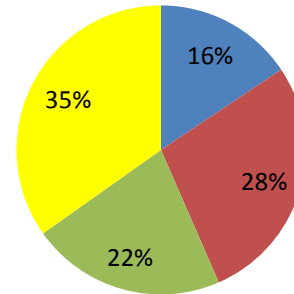
New Kent County

Population 10,897



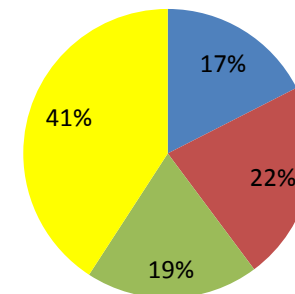
Powhatan County

Population 16,589



City of Richmond

Population 108,098



Source: U.S. Census, American Community Survey 2012, 5-Year Estimates . Populations given are for Working Age adults, ages 25-64



BRIDGING RVA
COLLECTIVE ACTION — CRADLE TO CAREER

What would a wildly
successful and “ready”

RVA

Look like?



BRIDGING RVA
COLLECTIVE ACTION — CRADLE TO CAREER

Questions?



BRIDGING RVA
COLLECTIVE ACTION — CRADLE TO CAREER

Appendix: Some Tangible Examples of Action




Potential Regional Activities

- Create Regional Career Academy
 - Examples: Linked Learning Alliance (<http://linkedlearning.org/about/>)
 - MDRC (http://www.mdrc.org/sites/default/files/full_50.pdf)
- Create Regional STEM-H Academy (potential for MathScience Innovation Center)
- Engage Schools with Project Lead the Way (PLTW) (<https://www.pltw.org/>)





Potential Regional Activities

- Pilot Regional CTE 2.0 Initiatives (e.g. computer science and information systems)
 - Develop Virtual Job Shadowing (<http://www.virtualjobshadow.com/>)
 - Create LinkedIn for Middle Skill Employees
 - Submit Regional Grant Proposals
- 
- A thick, horizontal blue brushstroke is located at the bottom of the slide, spanning across the width of the text area.