



STRONGER

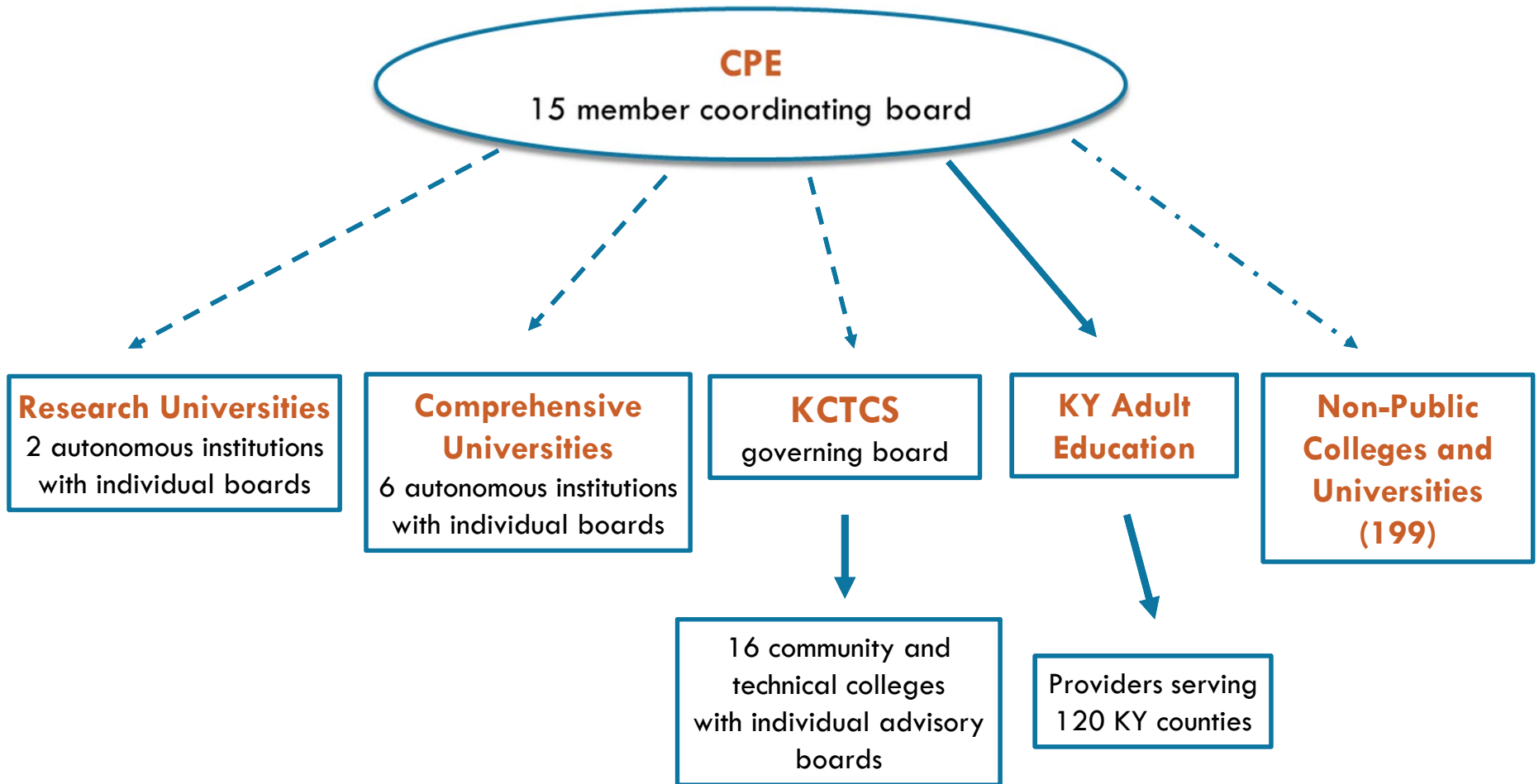
by degrees



Community College Tour

President Robert L. King
Kentucky Council on Postsecondary
Education

Higher Education Governance in KY



CPE's Mission

**To strengthen our workforce, economy
and quality of life.**

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We do this by guiding the continuous improvement and efficient operation of a high-quality, diverse, innovative, accessible and affordable system of postsecondary education.



Our Concern: The Economy Is Changing.

As our nation recovers from the Great Recession, one thing has become clear: **Nearly all the jobs created in the recovery, 11.5 million out of 11.6 million, have gone to workers with at least some postsecondary education.**

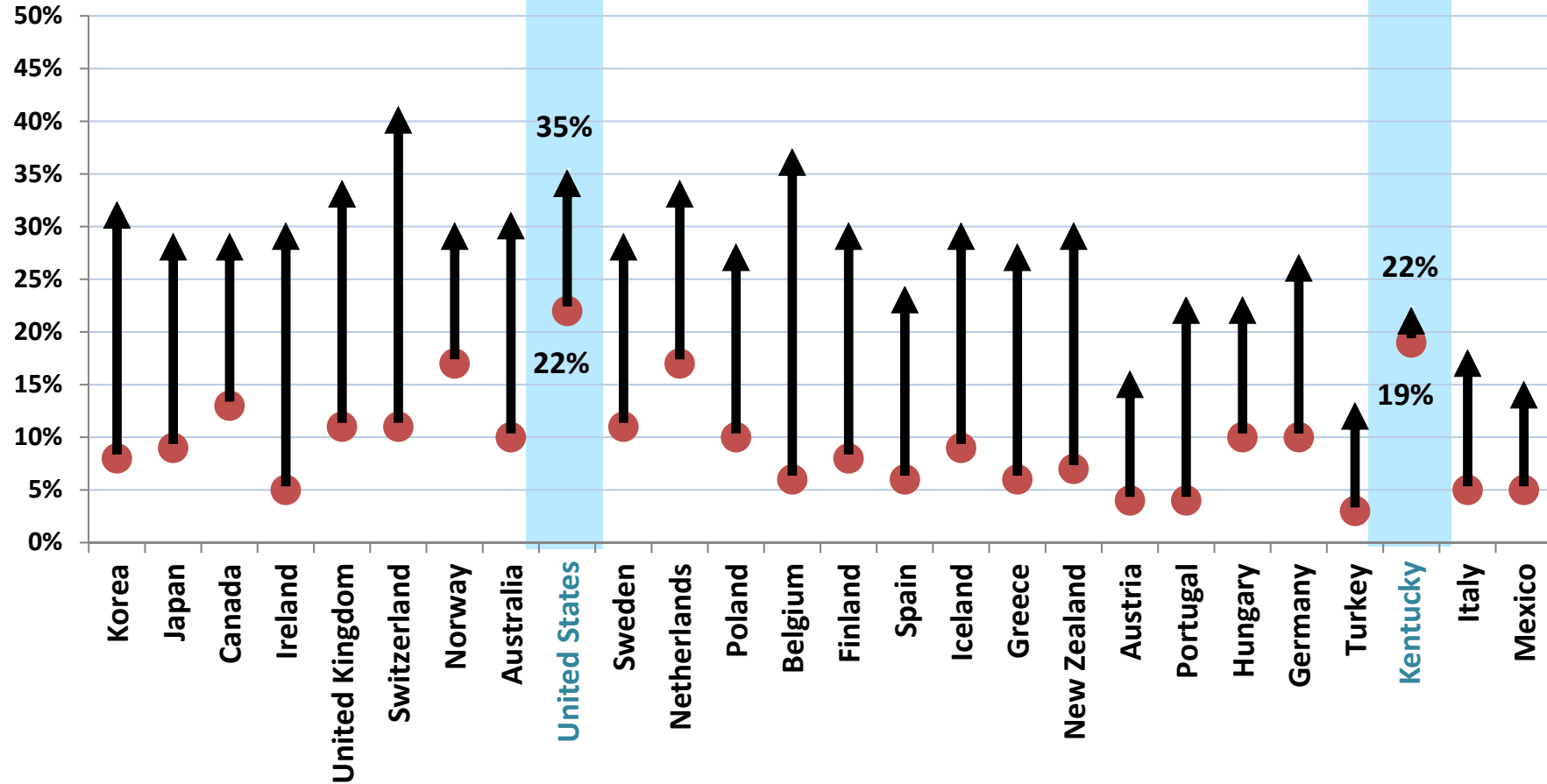


Source: Georgetown University Center on Education and the Workforce, America's Divided Economy: College Haves and Have-Nots, 2016.



Competition for Jobs Is Now Global

Growth in Baccalaureate Attainment & Above, Population Age 25-64 (1968, 2015)



Source: OECD 2015 Indicators. American Community Survey, 2015 5-Year Estimates. Kentucky.

Definition of "Baccalaureate Attainment:" for Kentucky – Baccalaureate and over; for OECD – Tertiary level attainment.



The U.S.A. Is Falling Behind in Math

Comparing 2015 PISA Scores with Other Countries

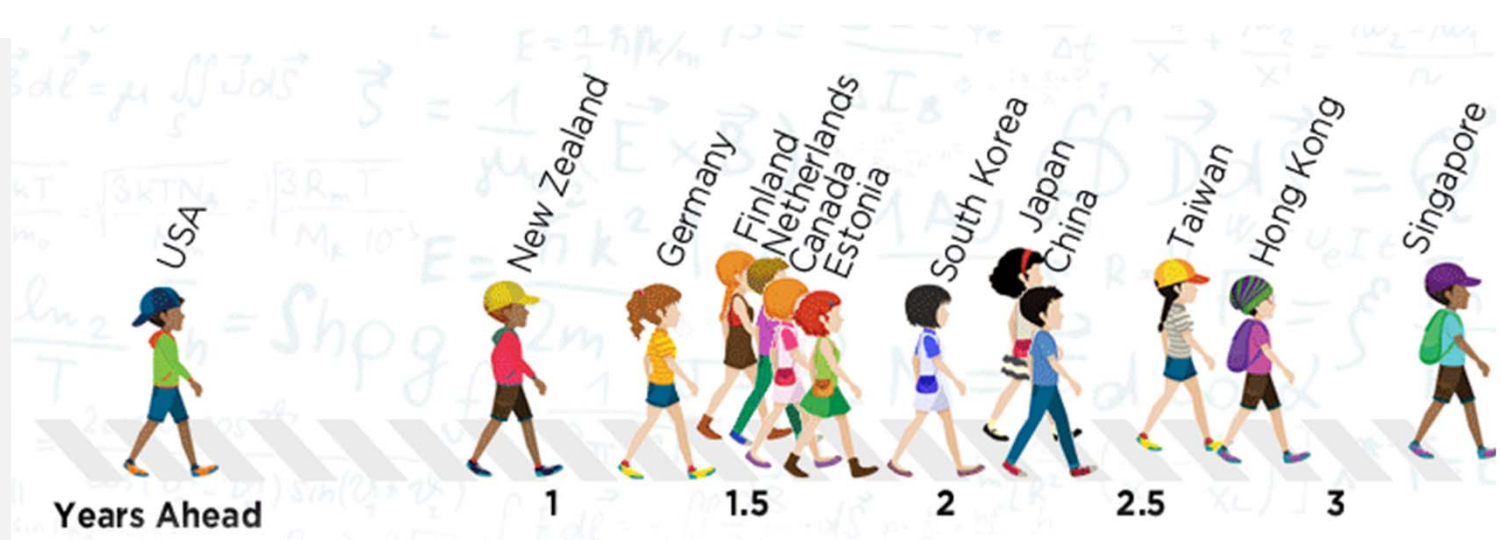
U.S.A Rankings

Math

2009 – 31

2012 – 36

2015 – 40



The gap is widest, however, in mathematics. Average students in New Zealand, Germany, Finland, the Netherlands, Canada and Estonia are **1-2 years ahead** of the average U.S. student in mathematics performance. Average students in South Korea, Japan, China, Taiwan and Hong Kong are **2-3 years ahead**. And the average student in **Singapore** is **almost 3.5 years ahead** of the average U.S. student in mathematics performance.

Source: National Center for Education and the Economy. <http://ncee.org/2017/08/statistic-of-the-month-just-how-far-behind-is-the-average-u-s-student/>. Last accessed 9/2017.



The U.S.A. Is Falling Behind in Reading

Comparing 2015 PISA Scores with Other Countries

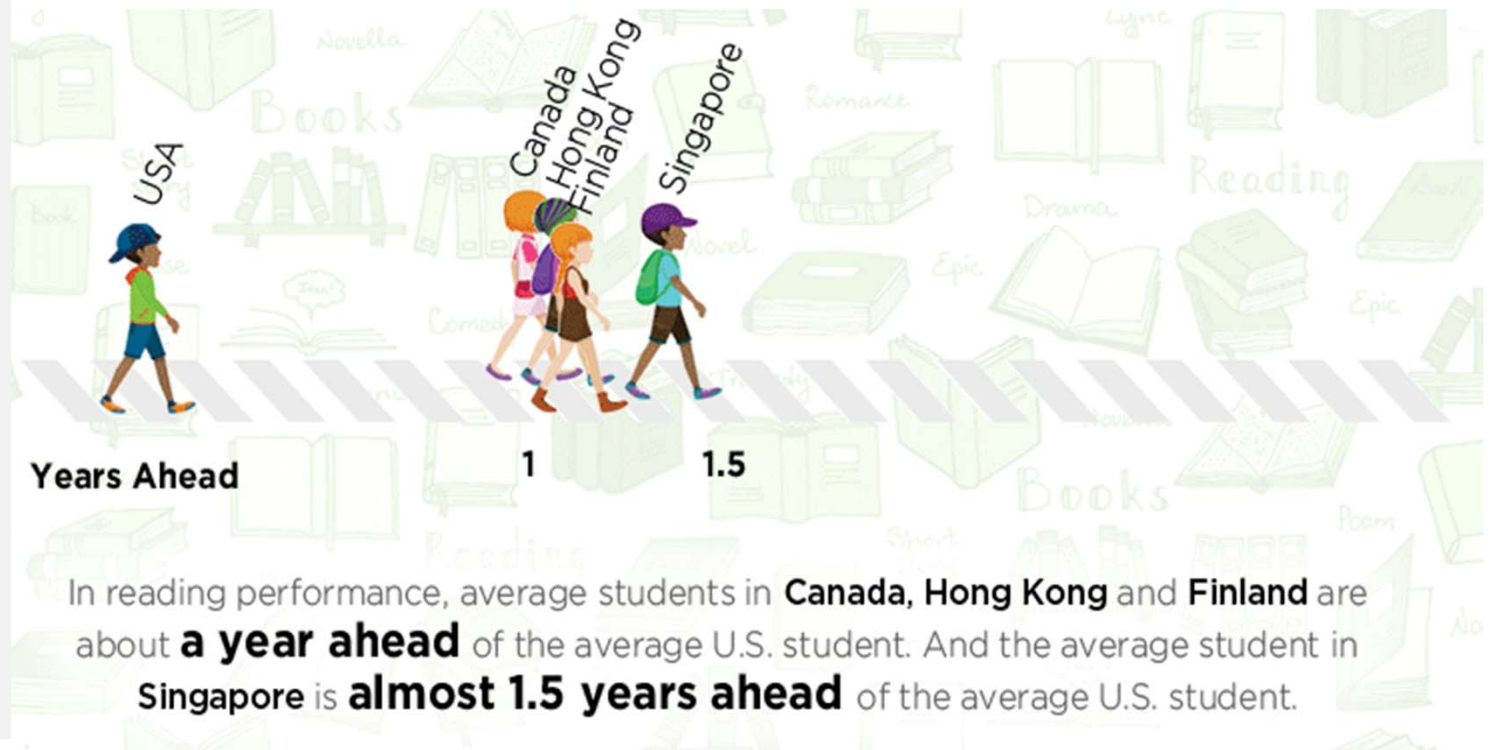
U.S.A Rankings

Reading

2009 – 14

2012 – 24

2015 – 24



Source: National Center for Education and the Economy. <http://ncee.org/2017/08/statistic-of-the-month-just-how-far-behind-is-the-average-u-s-student/>. Last accessed 9/2017.



The U.S.A. Is Falling Behind in Science

Comparing 2015 PISA Scores with Other Countries

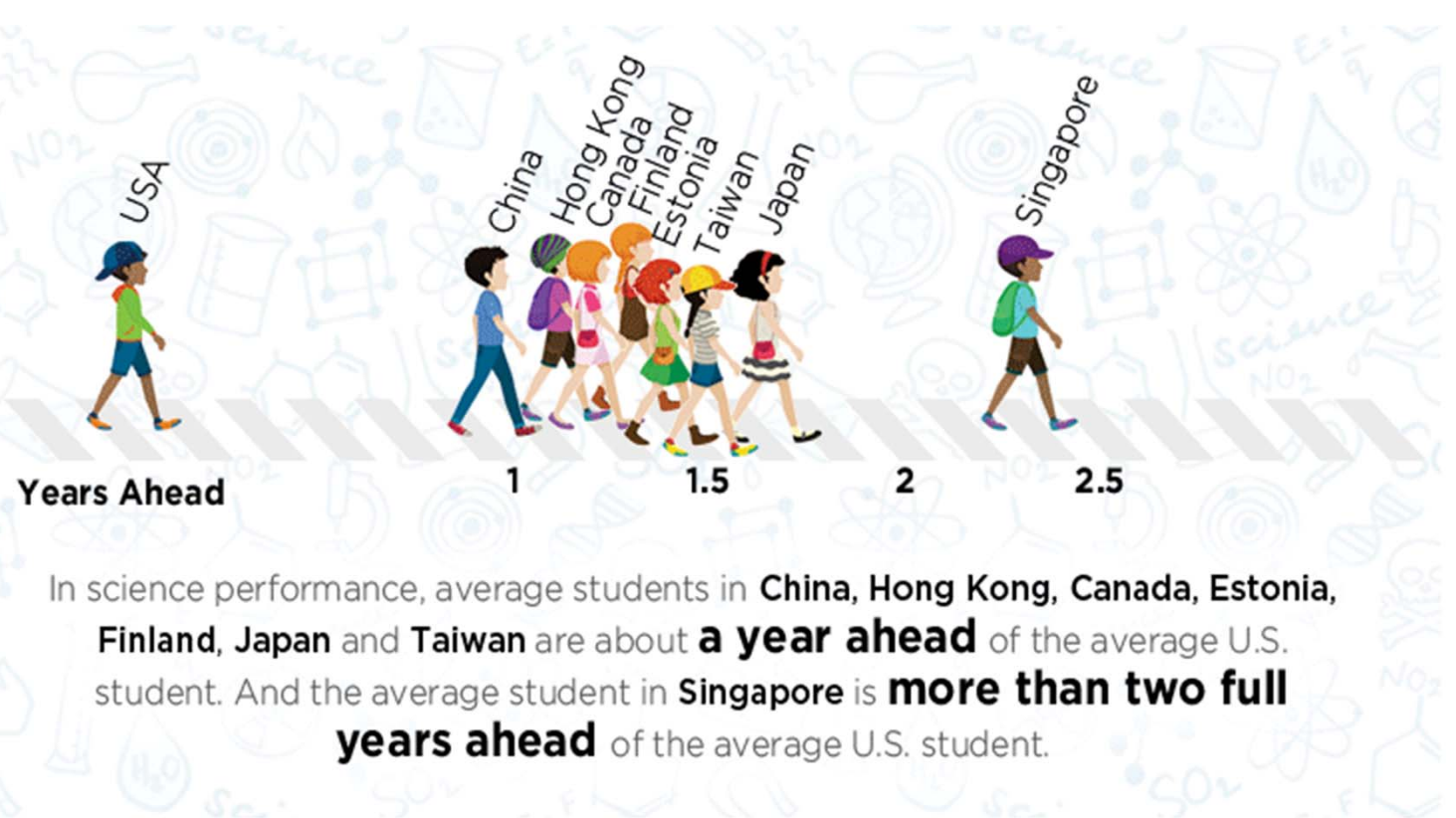
U.S.A Rankings

Science

2009 – 20

2012 – 28

2015 – 25



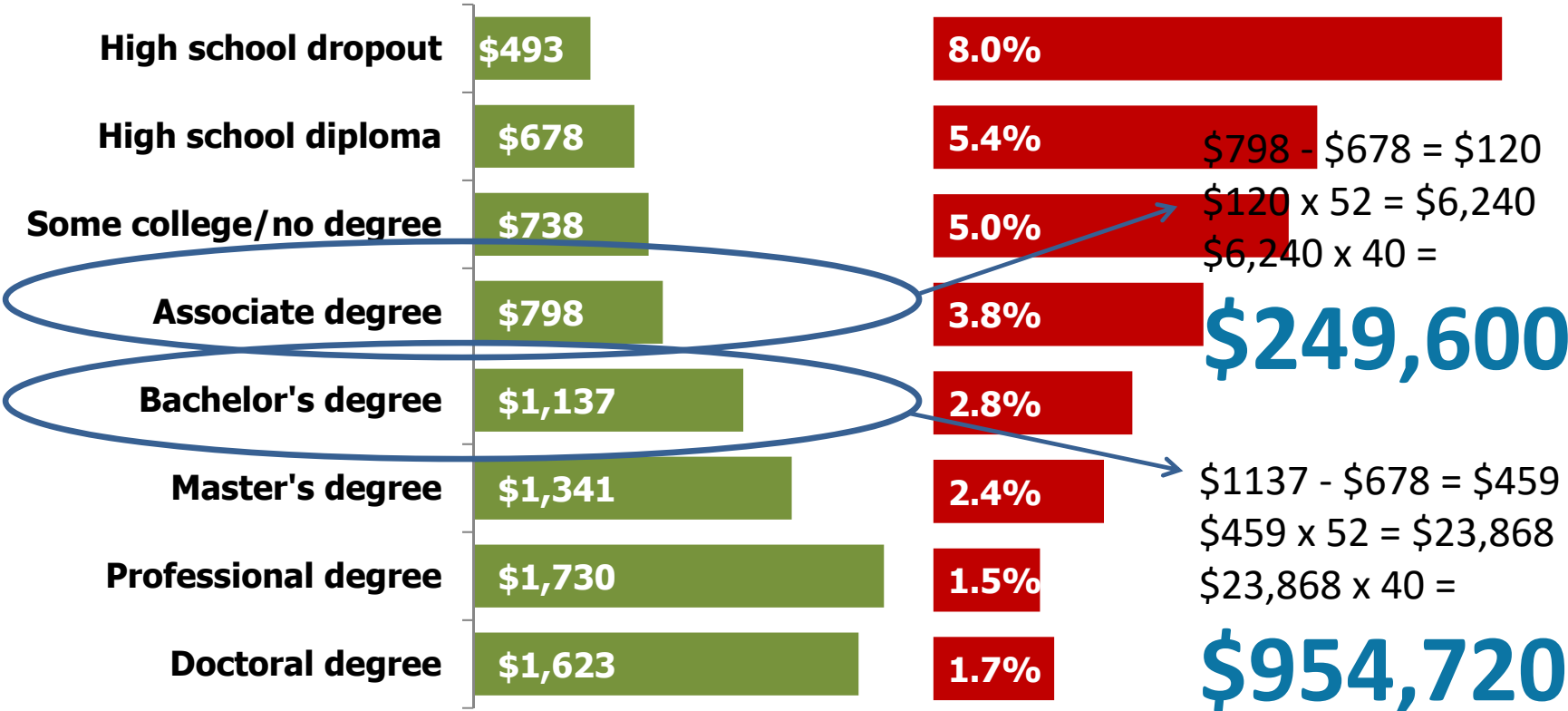
Source: National Center for Education and the Economy. <http://ncee.org/2017/08/statistic-of-the-month-just-how-far-behind-is-the-average-u-s-student/>. Last accessed 9/2017.



Educational Attainment Drives Our Economy

Median usual weekly earnings

Unemployment rate



Source: U.S. Bureau of Labor Statistics, Current Population Survey. 2015.



Community Challenges (Big Sandy Area Dev. District)

- Poverty rate: Approximately 1 in 4 are living in poverty.
- Median household income: \$31,761, compared to \$43,740 (KY) or \$53,889 (US).
- Educational attainment of working adults (25-64):
 - Currently, statewide, 45% of the population has a postsecondary credential; in this region only 38%.
 - Statewide, 16% of the population has not yet earned a high school diploma or equivalent; this region, 26%.
- Opioid Epidemic:
 - The area's opioid problem is among the worst in the nation.

Sources: Data USA. American Community Survey 2015, 5-Year Estimates.



Student Challenges

- College-going rate
 - In-state rate 60.3% (KY, 56.2%)
 - Top colleges attended: Big Sandy CTC, Morehead State, University of Pikeville
 - Out-of-state rate 3.2% (KY, 5.5%)
- Average junior year ACT scores
 - Composite 18.1 (KY, 19.5)
 - Mathematics 17.5 (College readiness = 19 or higher)
 - English 17.2 (College readiness = 18 or higher)
 - Reading 18.6 (College readiness = 20 or higher)

*Source: KCEWS. County Profiles. Big Sandy Area Development District.
https://kcews.ky.gov/Content/Reports/CPR/CPG_2015_wholeCP.pdf. Last accessed 11/2017.*



Other challenges

- Big Sandy has one of the highest student loan default rates among borrowers.

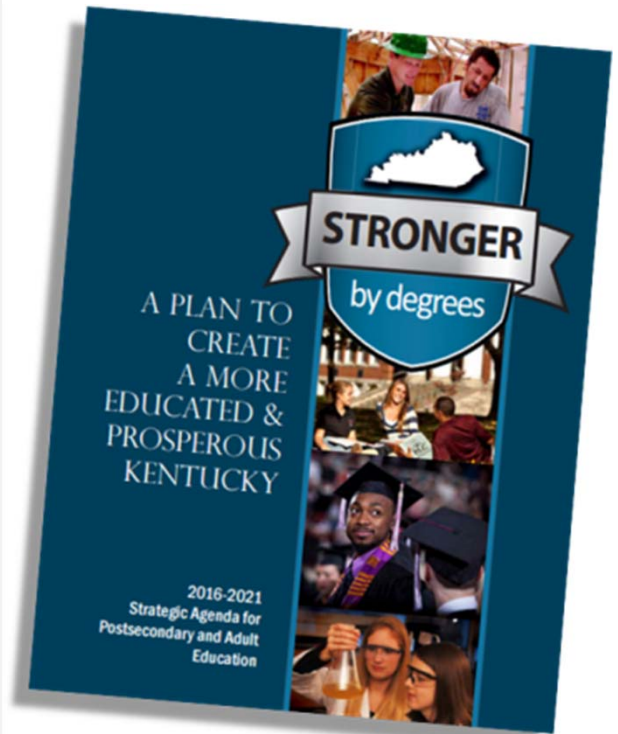
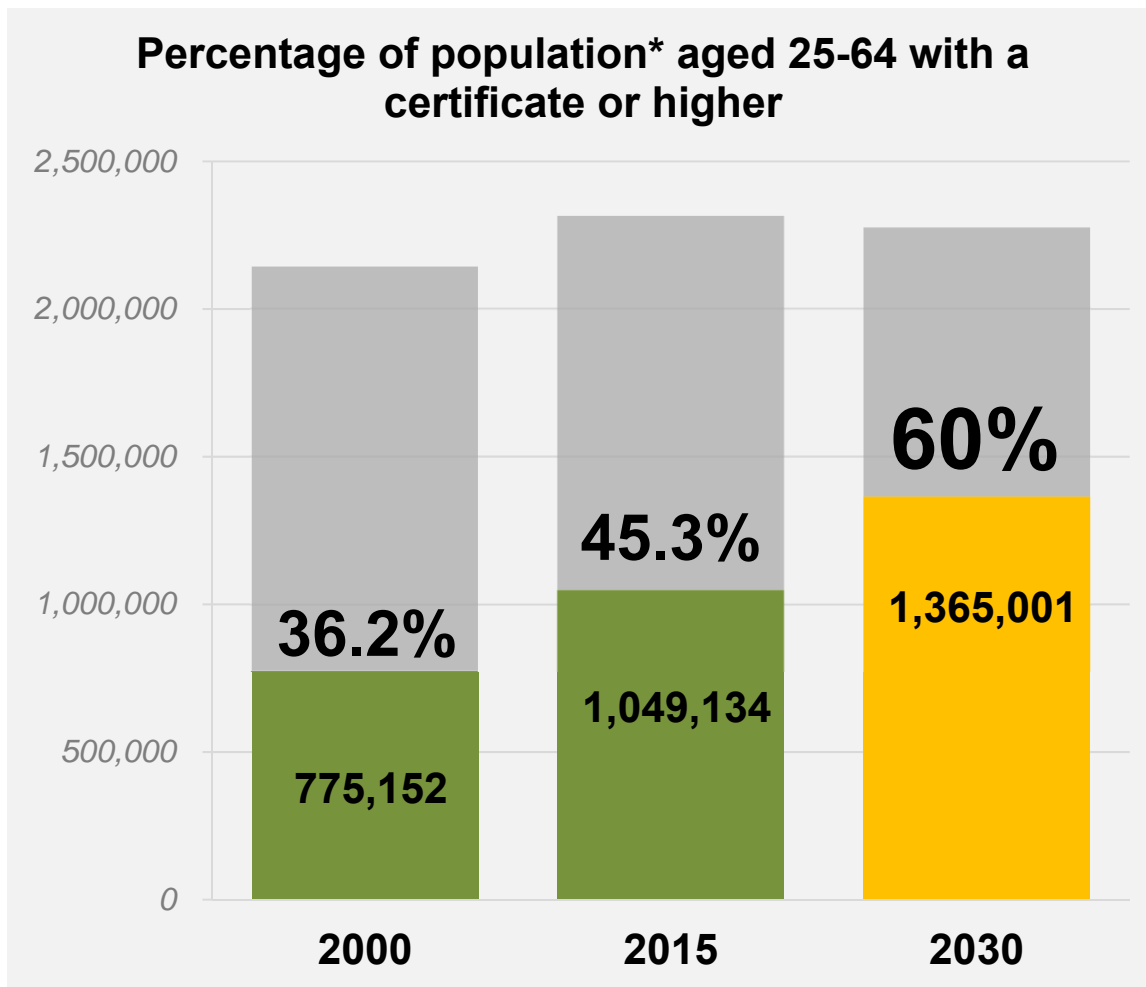
Student loan default rates

	2013 Cohort	2014 Cohort
Southeast	31.8%	33.8%
Big Sandy	27%	29.3%
Ashland	29%	26.5%
Southcentral	28.5%	26.2%
Hazard	28.5%	25.3%
Somerset	26.4%	25.3%
West Kentucky	26.5%	24.7%
Owensboro	26.3%	24.4%
Maysville	29.9%	24.4%



Sources: Kentucky Still Among the Worst for Student Loan Default". Kentucky Center for Economic Policy. <http://kypolicy.org/kentucky-still-among-worst-student-loan-default/>. Last accessed 11/2017.

Kentucky's Big Goal: 60% by 2030.

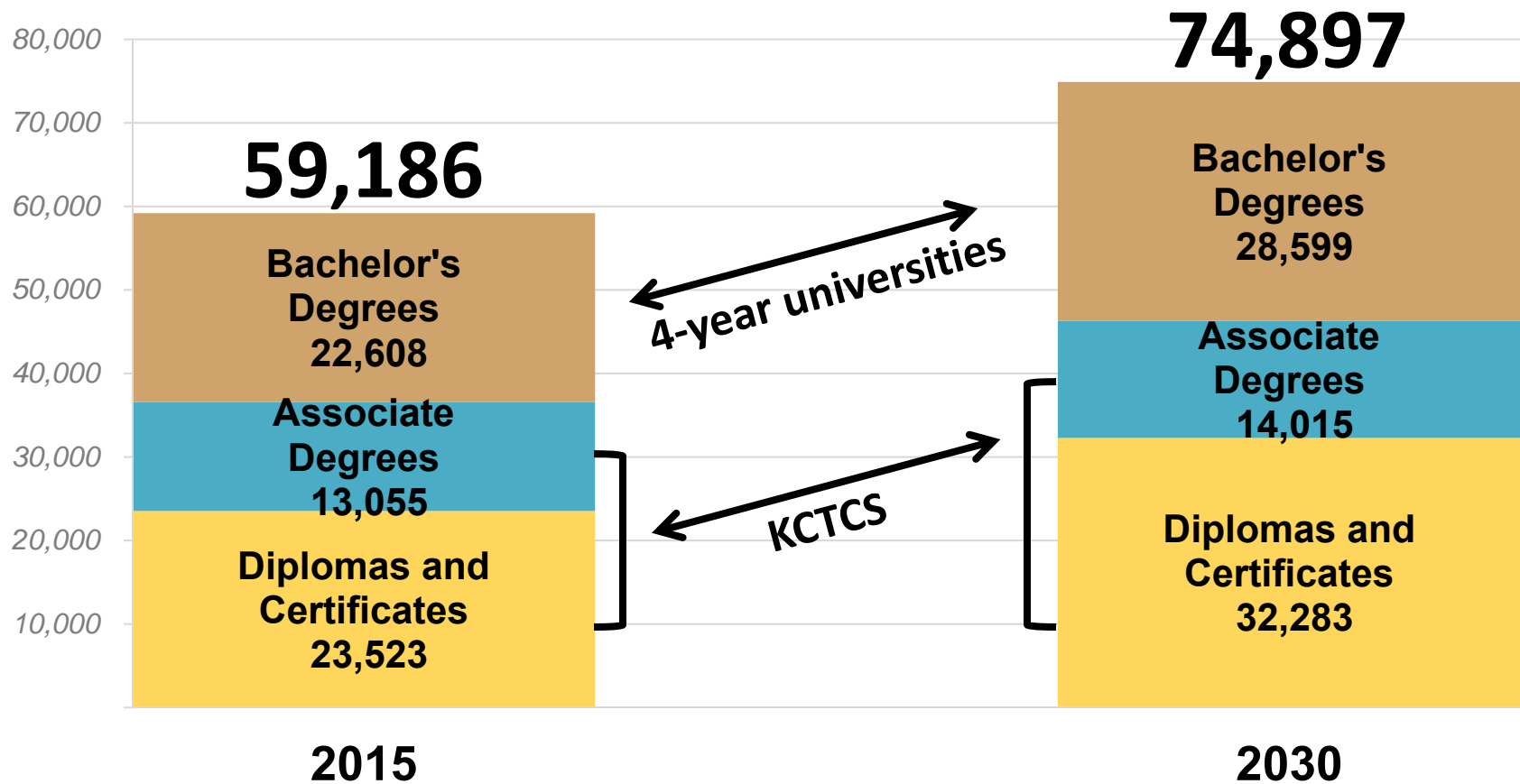


*2030 numbers based on estimated population of 2,275,001.

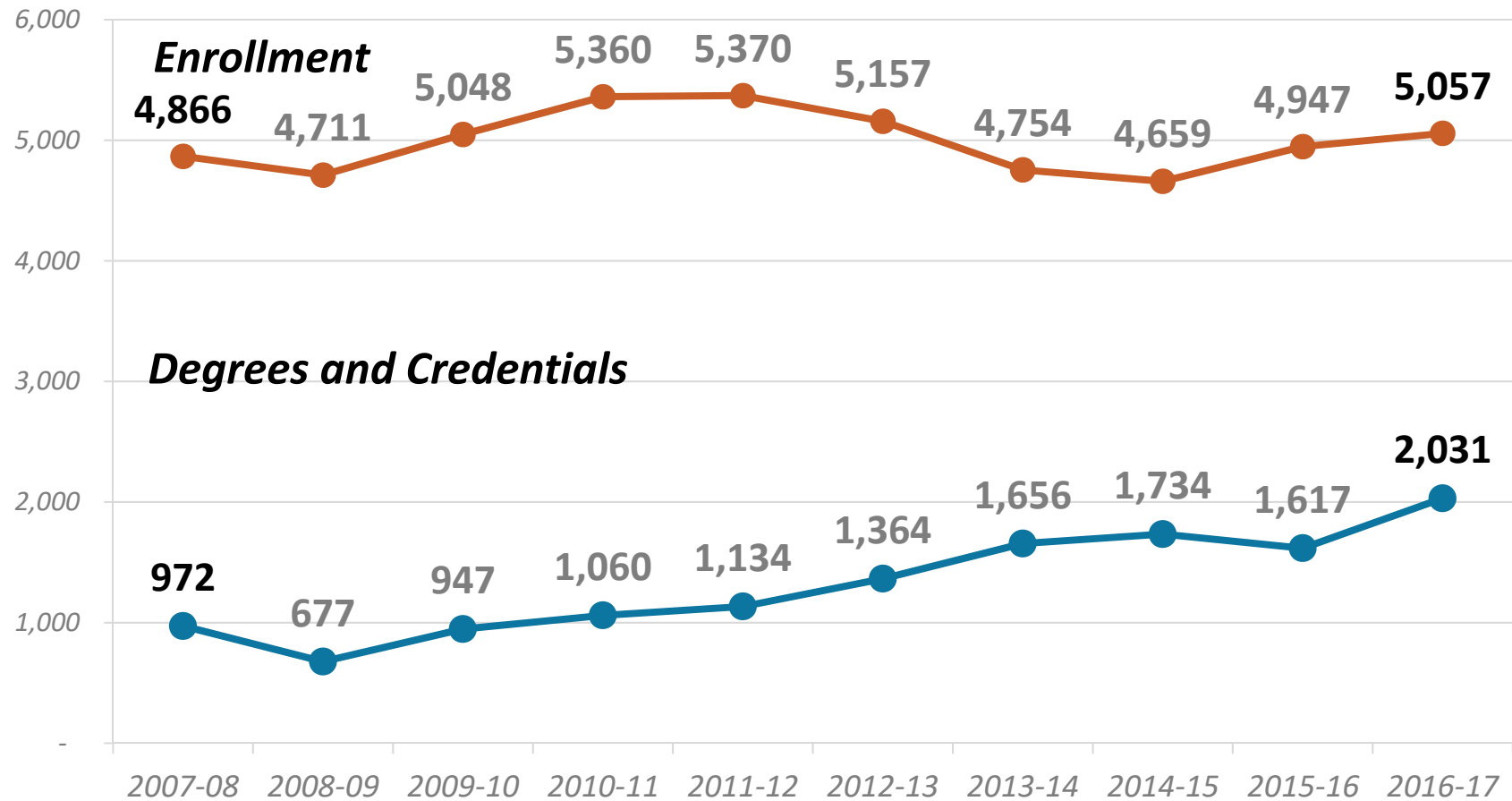


How We Can Get There

Yearly Undergraduate Degree Production



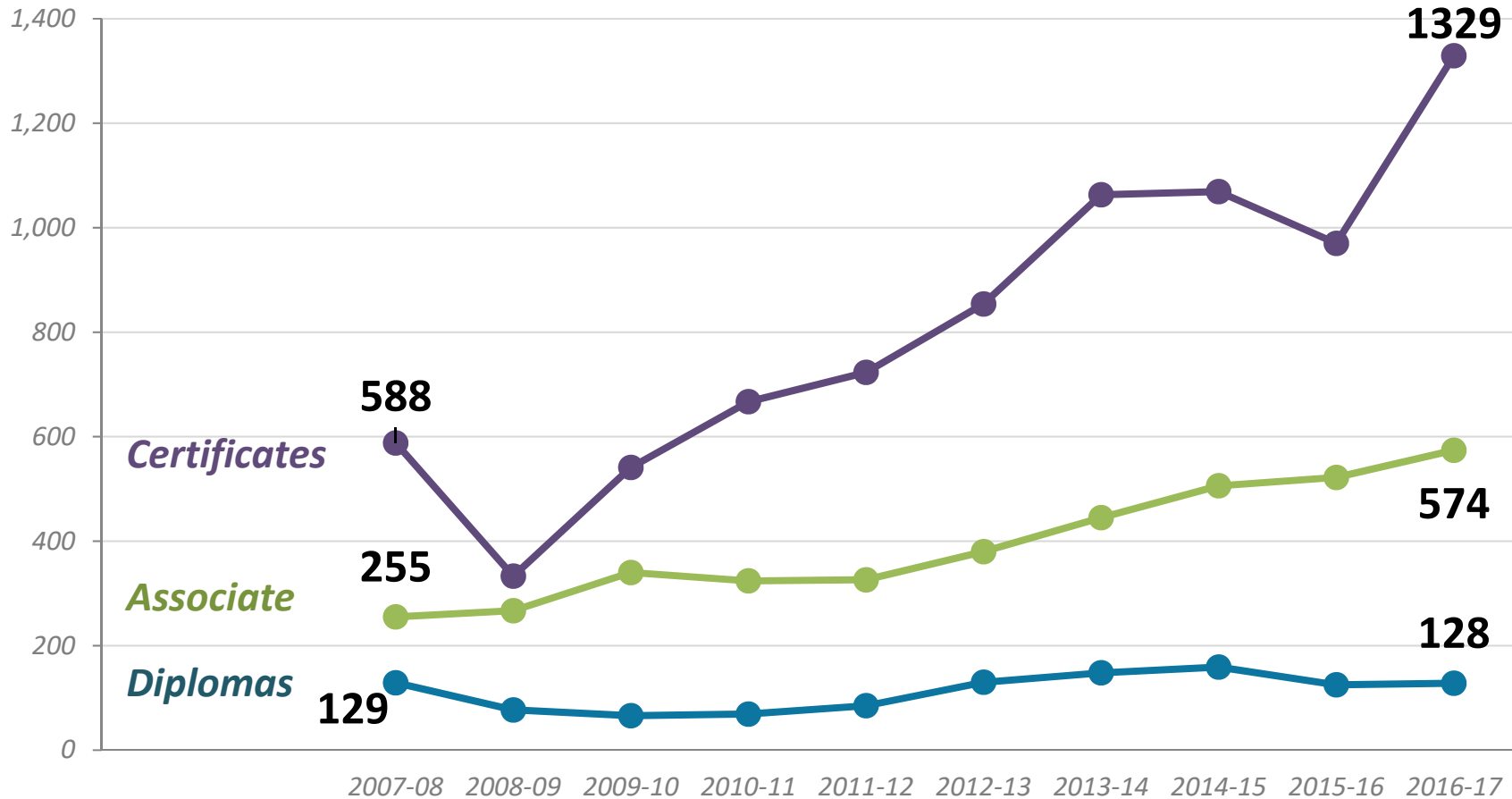
Degrees and Credentials Compared to Enrollment at Big Sandy Community and Technical College



Source: CPE Comprehensive Database.



Breakdown of Degrees and Credentials Big Sandy Community and Technical College



Source: CPE Comprehensive Database.



Where Do BSCTC Students Transfer?

Top Schools Receiving BSCTC Transfer Students (Public/AIKCU)

- Morehead State University
- Eastern Kentucky University
- University of Pikeville
- University of Kentucky

Top Majors for Transfer Students (BSCTC to 4Yr Public/AIKCU)

- Health Professions
- Public Administration/Social Services
- Business/Management, Marketing and Related Support
- Biological and Biomedical
- Education

Sources: Transfer Feedback Report: Big Sandy Community and Technical College. CPE. <http://cpe.ky.gov/data/reports/transferfeedbackreport.pdf>. Last accessed 11/2017.



Game changers the Council is promoting

- **Math pathways**
Align required math courses to student majors.
- **Corequisite remediation**
Place more students into college gateway courses.
- **15 to Finish**
Emphasize the need to take 15 credits a semester to graduate on time.

Source: Complete College America. <http://completercollege.org/the-game-changers/>. Last accessed 11/2017.



Game changers, continued

- **Structured schedules**
Helping working students balance work and school by creating schedules.
- **Guided pathways**
Place all students into highly structured degree plans.

Source: Complete College America. <http://completercollege.org/the-game-changers/>. Last accessed 11/2017.

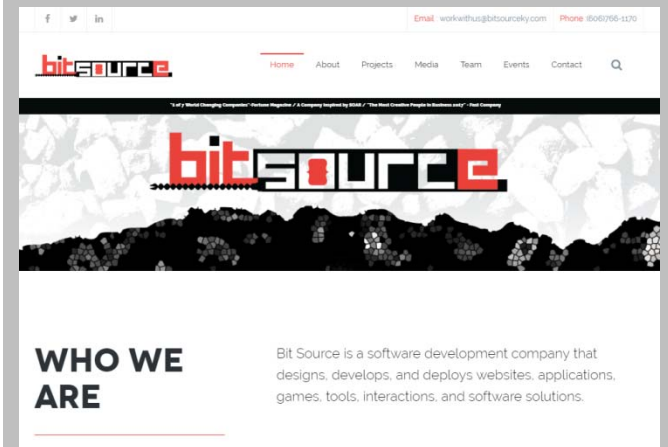


How local businesses can help

- Provide mentoring opportunities to students majoring in your respective field.
- Offer career and education counseling for employees in your organization.
- Consider tuition reimbursement programs.
- Participate in work experience programs, such as internships and apprenticeships.
- Become involved in your college's boards and committees.

Other ways to help:

Create your own way to educate citizens



Other Factors: Performance Funding

Distribution of Allocable Funds

35% Student Success

- Diplomas, certificates and associate degrees.
- STEM+H and other high-wage, high-demand credentials.
- Credentials by URM, Underprepared, Low-Income.
- Student progression.
- Transfers.

35% Course Completion

Based on each institution's share of system total student credit hours earned.

10% Maintenance and Operations

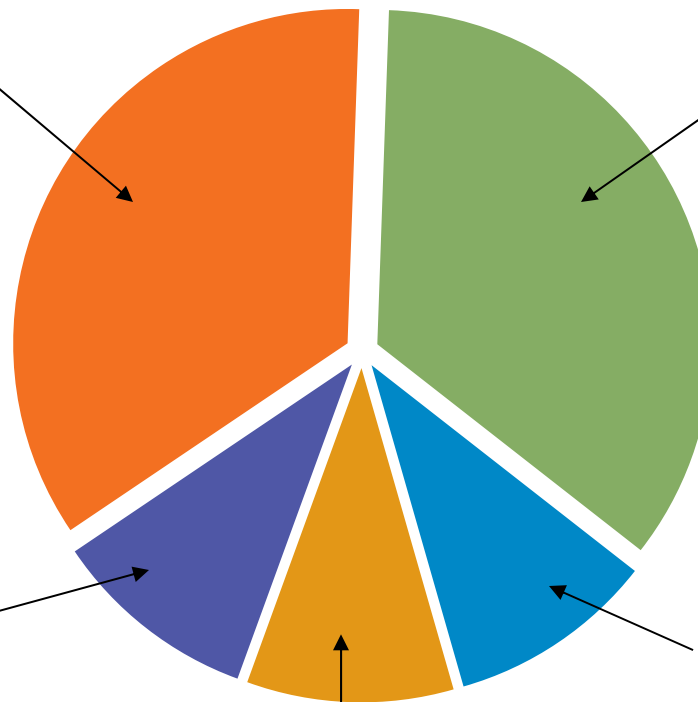
Based on each institution's share of square footage dedicated to student learning.

10% Institutional Support

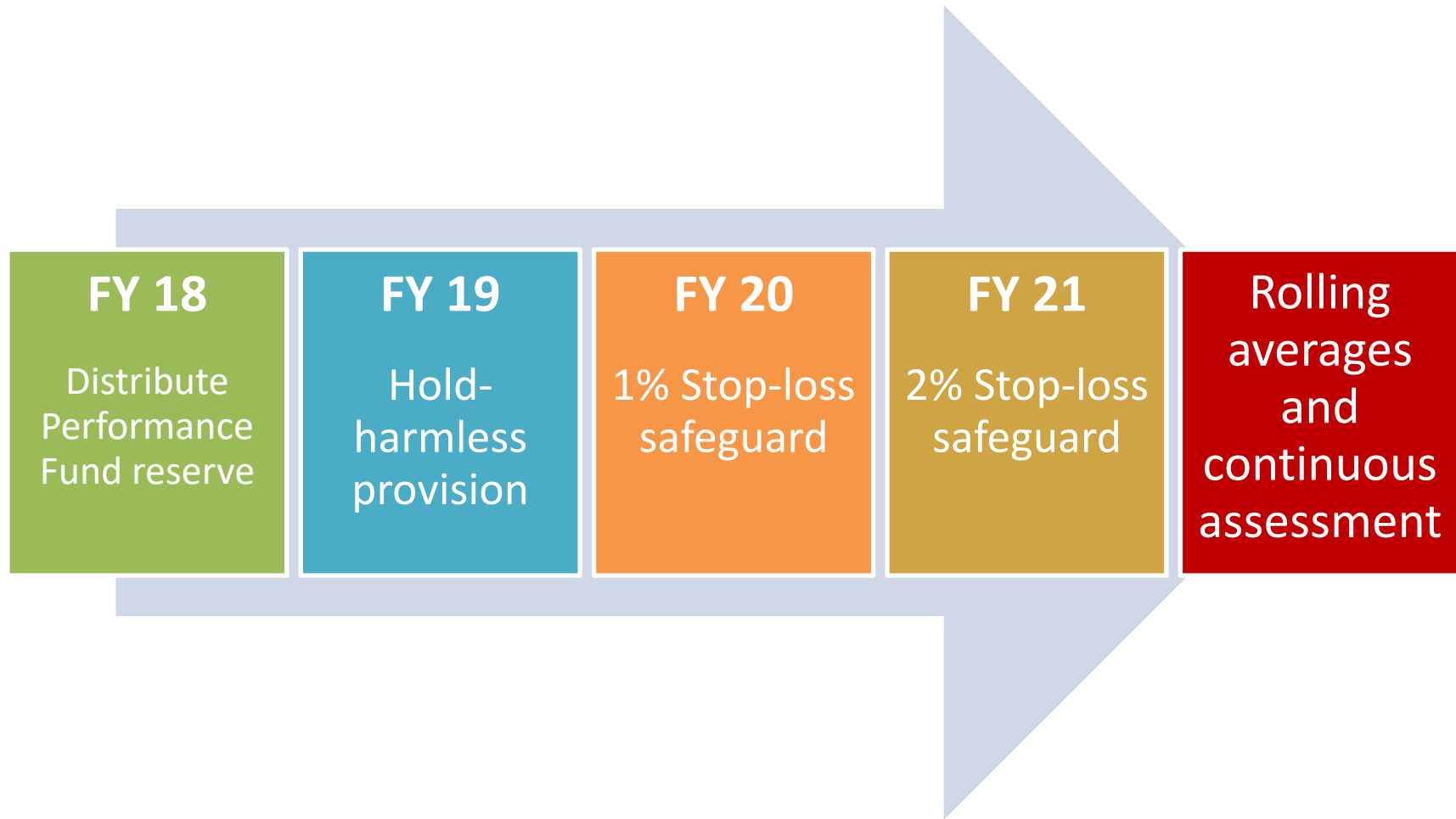
Based on each institution's share of sector total instruction and student services spending.

10% Academic Support

Based on each institution's share of sector total full-time enrollment.



Performance funding rollout



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QUESTIONS?



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by degrees



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