

Kentucky Education Listens: High School Graduation Requirements



Spring 2018





Current Minimum Graduation Requirements



704 KAR 3:305, Section 2

- ▶ Each student shall have a total of at least 22 credits for high school graduation
- ▶ Standards-based learning experiences shall align to the student individual learning plan (ILP)



704 KAR 3:305–Required Courses

- ▶ **Language Arts – 4 Credits**
English I, II, III, and IV
- ▶ **Language Arts shall be taken**
each year of high school
- ▶ **If a student doesn't meet the college- readiness**
benchmarks for English and language arts as
established by the Council on Postsecondary
Education, the students shall take an English
and language arts transitional course or
intervention before exiting high school



704 KAR 3:305–Required Courses

- ▶ **Mathematics – 3 credits**
(Algebra I, Geometry, and Algebra II)
- ▶ **A mathematics course or its equivalent as determined by the district shall be taken each year of high school**
- ▶ **Any mathematics course other than the 3 identified courses will be counted as an elective**
- ▶ **If a student doesn't meet the college readiness benchmarks for mathematics as established by the Council on Postsecondary Education, the students shall take a mathematics transitional course or intervention before exiting high school**



704 KAR 3:305–Required Courses

- ▶ **Social Studies – 3 credits**
- ▶ **Science – 3 credits that shall incorporate lab-based scientific investigation experiences**
- ▶ **Health – ½ credit**
- ▶ **Physical Education – ½ credit**
- ▶ **History and Appreciation of Visual and Performing Arts or another arts course which incorporates the content – 1 credit**



704 KAR 3:305–Required Courses

- ▶ Academic and career interest standards-based learning experience – 7 credits (including 4 standards-based learning experiences in an academic or career interest based on the student’s ILP)
- ▶ Demonstrated performance-based competency in technology





Why New Graduation Requirements?

Why Now?



2016-17 Student Performance

▶ **There is a disconnect between graduation rates, student performance and college- and career-readiness (transition) rates.**

- **Graduation rates**

- ✓ All students: 89.8%
- ✓ Black students: 81.7%
- ✓ White students: 91.3%
- ✓ Low socioeconomic students: 82.7%

- **Algebra II End-of-Course performance**

- ✓ 18.5% black students score proficient or above
- ✓ 41.7% white students score proficient or above
- ✓ 28.1% of low socioeconomic students score proficient or above



2016-17 College- and Career-Readiness (now known as Transition Readiness)



▶ College-ready (only) rates

- All students: 54.7%
- Black students: 33.0%
- White students: 57.9%
- Low Socioeconomic Students: 41.4%
- Students with Disabilities: 12.5%

▶ Career-ready (only) rates

- All students: 22.3%
- Black students: 9.4%
- White students: 24.6%
- Low Socioeconomic Students: 22.8%
- Students with Disabilities: 10.7%



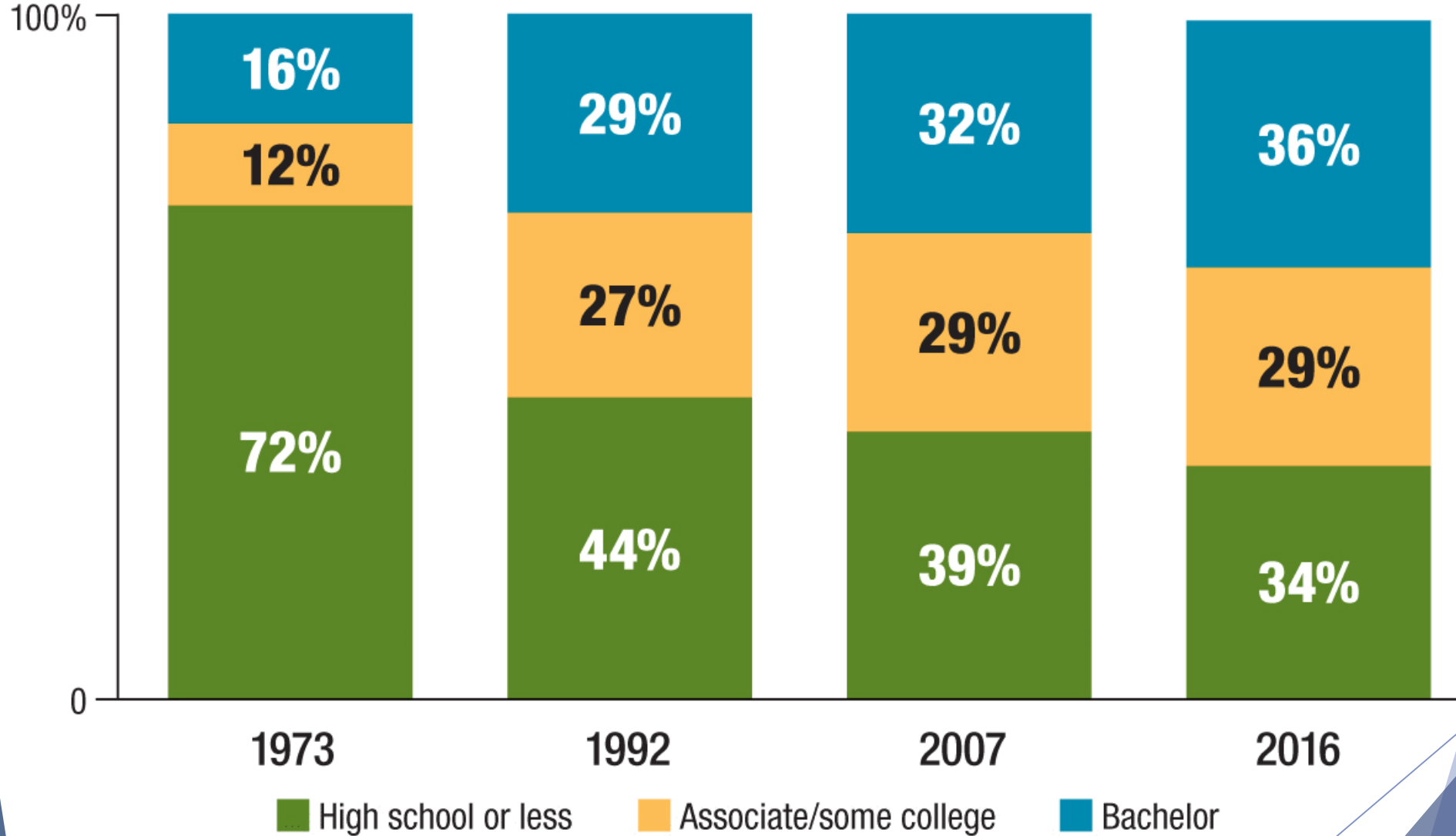
Better alignment between state workforce opportunities and college- and career-readiness is needed now.

- ▶ Since the 1970s, the U.S. has seen a steady rise in the education needed to obtain a good job.
- ▶ Based on current trends, by 2020, **65 percent of all jobs will require some postsecondary education and training that leads to advanced credentials — for example an associate or bachelor's degrees or higher.**

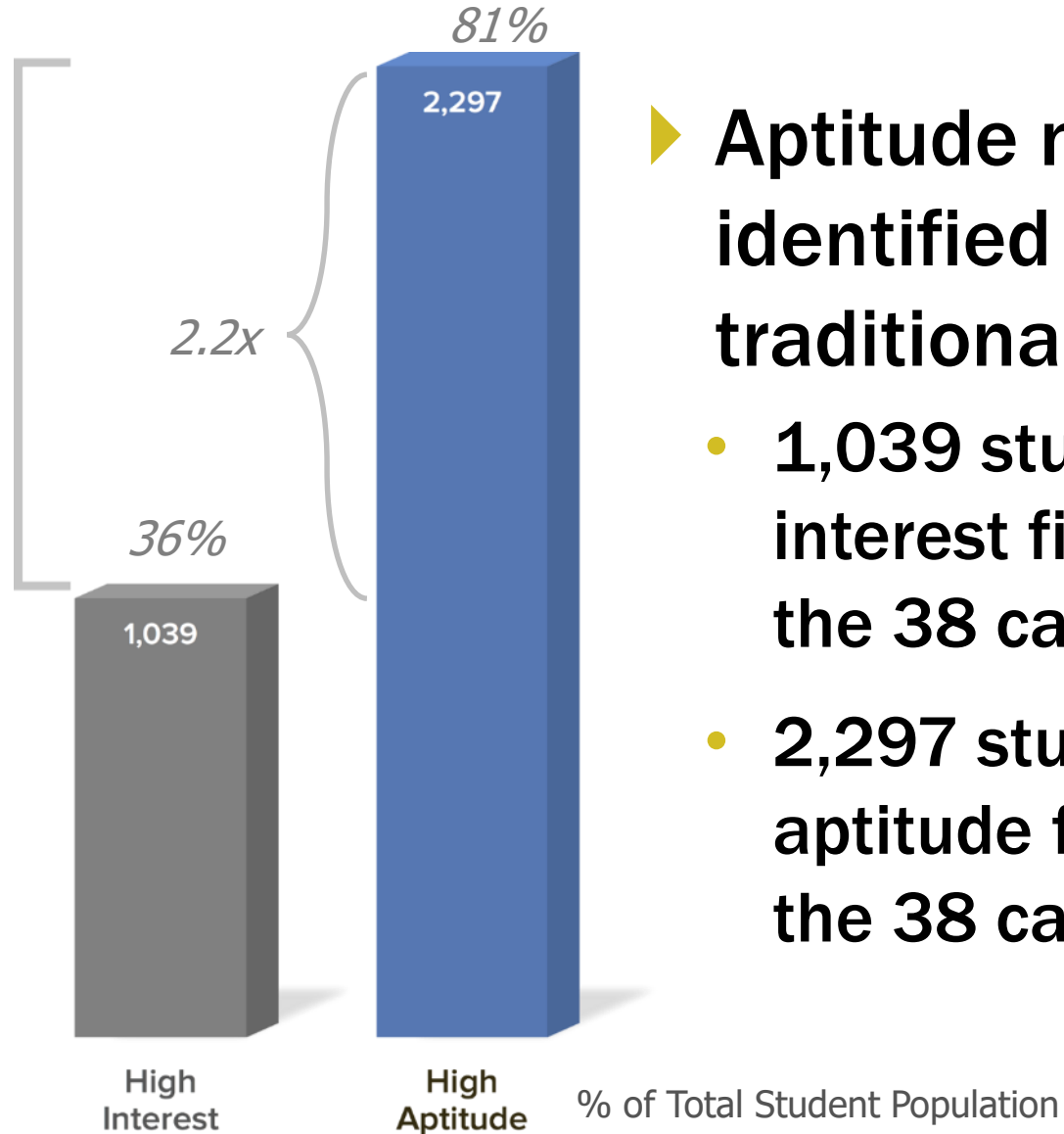


Rise in Education Levels for Jobs: 1973 to 2016

Source: Georgetown Center on Education and the Workforce analysis. Note: Numbers may not sum to 100 percent due to rounding.



Measuring Aptitudes Reveals a Larger Talent Pool



- ▶ Aptitude measures identified 2.2x the talent of traditional interest surveys
- 1,039 students showed a high interest fit for at least one of the 38 careers
- 2,297 students showed a high aptitude fit for at least one of the 38 careers



Kentucky Career Clusters



Career Clusters provide a way for schools to organize instruction and student experiences around 16 broad categories that encompass virtually all occupations from entry through professional levels.



Agriculture, Food & Natural Resources

The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.



Arts, A/V Technology & Communications

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.



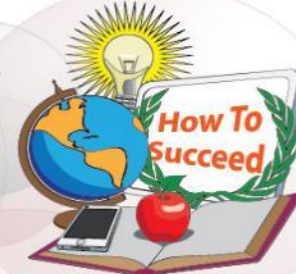
Architecture & Construction

Careers in designing, planning, managing, building and maintaining the built environment.



Business Management & Administration

Careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.



Education & Training

Planning, managing and providing education and training services, and related learning support services such as administration, teaching/training, administrative support, and professional support services.



Finance

Planning and related services for financial and investment planning, banking, insurance, and business financial management.



Government & Public Administration

Planning and executing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations.



Health Science

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.



Hospitality & Tourism

Preparing individuals for employment in career pathways that relate to families and human needs such as restaurant and food/beverage services, lodging, travel and tourism, recreation, amusement and attractions.



Human Services

Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.



Information Technology

Building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.



Law, Public Safety, Corrections & Security

Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.



Transportation, Distribution & Logistics

The planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.



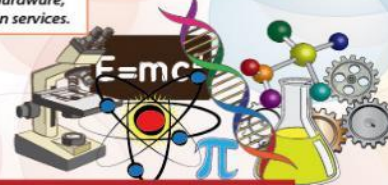
Manufacturing

Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.



Marketing

Planning, managing, and performing marketing activities to reach organizational objectives such as brand management, professional sales, merchandising, marketing communications and market research.



Science, Technology, Engineering & Mathematics

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.



Profile of a Kentucky Graduate



Questions to Consider

- ▶ Describe the experiences you would like for students to have during high school.
- ▶ Identify trends/issues that are having an impact on current and future workforce.
- ▶ Based on our current graduation requirements, what would you change to best prepare students for the next step?



Next steps toward new graduation requirements

- ▶ Online feedback sought through May 15
- ▶ Framework presented to the Kentucky Board of Education (KBE) in June
- ▶ Development committees finalize recommendations
- ▶ KBE approves graduation requirements (likely in October)
- ▶ Implementation of new requirements scheduled to take effect for 9th graders in the 2019-20 school year.



Please provide your feedback

- ▶ Go to online survey:
<http://bit.ly/KYgraduationreqs>
- ▶ Survey closes May 15.
- ▶ Thank you for your interest and participation!

