

PRESS RELEASE

For Immediate Release
February 4, 2015

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AdvanceKentucky Announces: New High Schools for the Next Cohort, Results on the 2014 AP Exams, and New Research on Program Impact

LEXINGTON, Ky. – Nine (9) more public high schools have been invited to participate in the newest cohort of AdvanceKentucky, which supports schools in implementation of the [National Math and Science Initiative College Readiness Program](#) under a partnership between Kentucky Department of Education and Kentucky Science and Technology Corporation. These schools are being recognized today at the Kentucky Board of Education meeting. This successful program involves content-rich teacher training and extensive support and incentives for students and teachers for achieving qualifying scores on Advanced Placement (AP)* exams in math, science and English. Click this link for the '[Elements of Success](#)' comprising this proven model.

The nine public high schools invited to participate in **Cohort 8** are: **Bardstown Independent, Bullitt East, Doss (Jefferson County), Jeffersontown (Jefferson County), Pleasure Ridge Park (Jefferson County), Somerset Independent, Spencer County, Union County, Webster County**. Among the students in these schools an average of **53 percent** are eligible for free/reduced lunch and **25 percent** are minority (African American and Hispanic). With these schools **46 percent** of the public high schools in Kentucky will have participated in AdvanceKentucky. See Figure 5 for map of all AdvanceKentucky schools.

Letters of Agreement are under development with **Cohort 8** schools, which alone are projecting **3,500** AP MSE enrollments for 15-16 among just these nine schools.

Planning for Continued Expansion and Access to Ongoing Support for Schools

Schools interested in applying to AdvanceKentucky for **Cohort 9** may access the [application materials](#) and eligibility guidelines on the website or email jlang@kstc.com for more information.

With the close of the 12-13 school year, the first cohorts of schools graduated to the AdvanceKentucky [Partner Program](#), which provides ongoing access to key elements in support of AP students and teachers.

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2014 ADVANCED PLACEMENT PERFORMANCE

The NMSI model continues to demonstrate its ability in Kentucky schools to dramatically increase access to and accelerate successful learning in rigorous math, science and English (MSE) courses, as shown by qualifying scores on AP exams, particularly among underrepresented student populations. AdvanceKentucky supports AP courses in calculus, statistics, computer science, biology, chemistry, physics, environmental science, English language and English literature.

Figure 1 displays the 2014 results of nearly **6,500** qualifying scores earned across all cohorts, which is found in the last bar for each cohort.

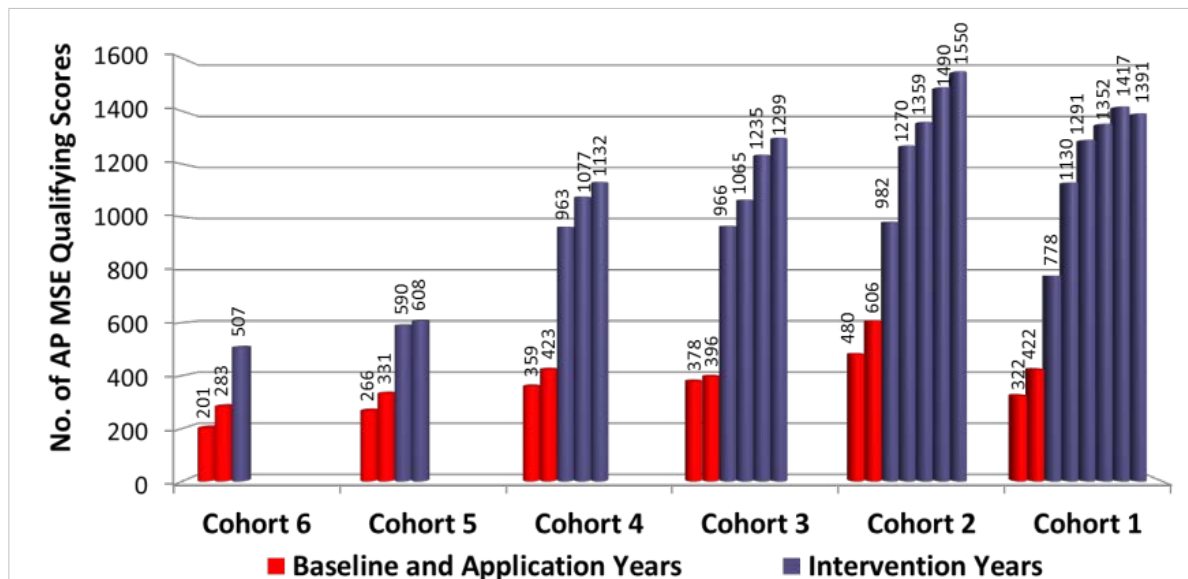


Figure 1: Annual Number of AP Math, Science, English Qualifying Scores Earned by AdvanceKentucky Cohort (2014 Results are contained in the last bar for each Cohort)

These 2014 math, science and English AP qualifying scores earned among just AdvanceKentucky schools helped Kentucky continue to rank among the top in the nation for sustained growth. Kentucky increased **115 percent** in AP qualifying scores in *all* subjects since the inception of the program in 2008-09, versus 59 percent increase for the nation. During the same time, qualifying scores earned among Minority students increased **176 percent** in all subjects and **195 percent** in math-science only, compared to 126 percent and 134 percent respectively nationwide. This helps demonstrate the broader school wide impact of the program to help generate interest and success across *all* AP subjects and reach students traditionally underrepresented in AP.

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2014 LONGITUDINAL STUDY

Annual research tracks the longitudinal impact of AdvanceKentucky students into postsecondary education. For the 2014 research, undertaken by the Kentucky Center for Education and Workforce Statistics, the AdvanceKentucky group is comprised of students from the Class of 2012 that have taken AP math, science and English classes among schools participating in the program.

These students are compared to a Control group, who were non-AdvanceKY students also from among the 2012 high school graduation class who earned similar average Explore scores (within ± 1 standard deviation) to the AdvanceKY study sample.

While the focus of the latest research is on a more direct comparison to a control group, other indicators compare

AdvanceKY students to all other non-AdvanceKY students among the 2009 high school graduating class. Key findings are presented below.

AdvanceKY students demonstrate a 1.5-point advantage on the ACT taken as juniors, outpacing a control group of students with Explore scores similar to those for AdvanceKY students. (Figure 2)

Compared to the same control group, both groups go to college at similar rates. AdvanceKY students going to college achieved a 10 percentage point advantage in **College and Career Readiness** vs students in the control group. (Figure 3)

Ten percent of AdvanceKY students took at least one **remedial class** in college vs 50 percent among the control group. (Figure 3)

AdvanceKY students who go to college persist at higher rates and **graduate in four years** at twice the rate of non-AdvanceKY students. (Figure 4)

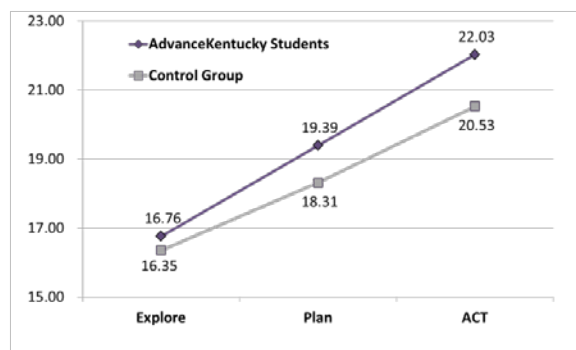


Figure 2: EPAS for AdvanceKY Students vs Control Group (Junior ACT – Class of 2012)

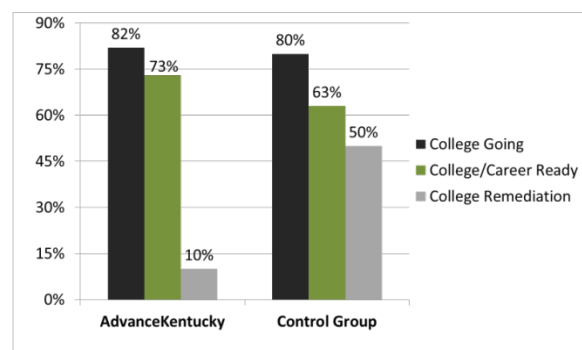


Figure 3: Class of 2012 (Cohorts 1-4)
College Going, Readiness, Remediation:
AdvanceKY vs. Control Group

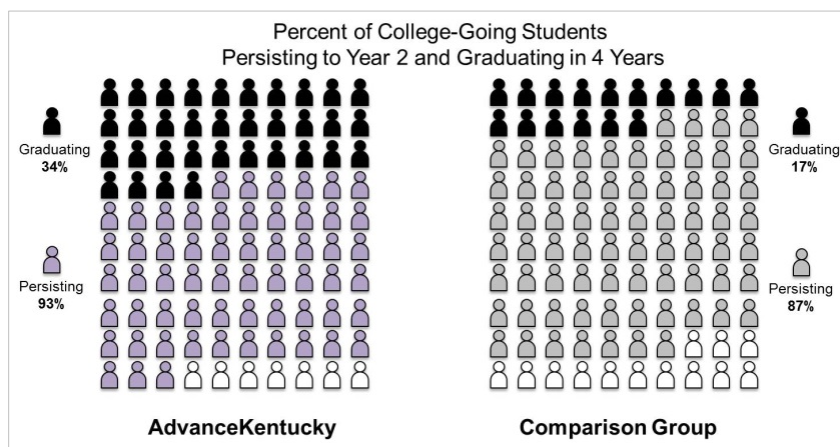


Figure 4: Class of 2009 (Cohort 1)

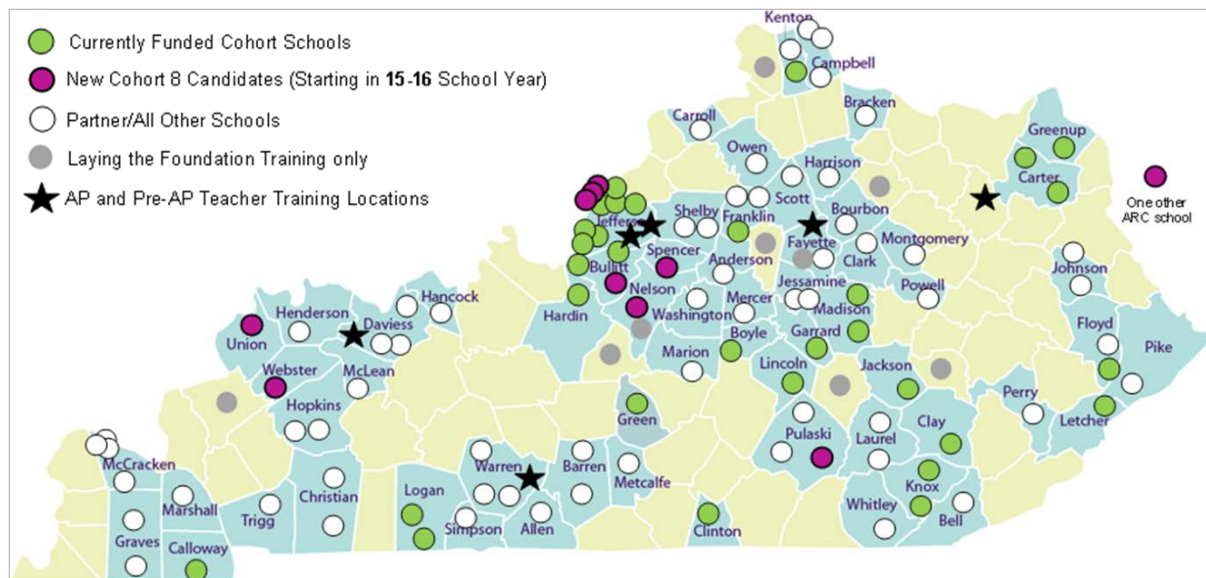
College Going, Persistence and Graduation: AdvanceKY vs. Non-AdvanceKY Comparison Group

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LIST OF 101 ADVANCEKENTUCKY SCHOOLS

Including the **nine** schools invited to Cohort 8, Figure 5 shows the location of the **101** high schools participating in AdvanceKentucky, which are listed below. Click here for the [full list](#) and [map](#).



***Figure 5:** Map of 101 AdvanceKentucky Schools since Inception
and other schools engaging in only NMSI's Laying the Foundation Teacher Training*

Allen County Scottsville, Anderson County, Apollo, **Bardstown**, Barren County, Bell County, Bellevue, Betsy Layne, Bourbon County, Bowling Green, Bracken County, Bryan Station, Bullitt Central, **Bullitt East**, Campbell County, Carroll County, Christian County, Clay County, Clinton County, Corbin, Danville, Daviess County, **Doss**, East Carter, East Jessamine, Fern Creek, Frankfort, Franklin County, Franklin-Simpson, , Garrard County, George Rogers Clark, Glasgow, Graves County, Green County, Hancock County, Harrison County, Heath, Henderson County, Highlands, Holmes, Hopkins County Central, Hopkinsville, Jackson County, **Jeffersontown**, Jenkins, Johnson Central, Knox Central, Lincoln County, Lloyd, Logan County, Lone Oak, Lynn Camp, Madison Central, Madison South, Madisonville North Hopkins, Martha Layne

Collins, McCracken County, McLean County, Mercer County, Metcalfe County, Marion County, Marshall County, Mayfield, Montgomery County, Moore, Murray, North Bullitt, North Hardin, North Laurel, Owen County, Owensboro, Paintsville, Perry County Central, Pikeville, **Pleasure Ridge Park**, Powell County, Pulaski County, Reidland, Russell, Russellville, Scott County, Seneca, Shelby County, **Somerset**, Southern, South Floyd, South Laurel, Southwestern, **Spencer County**, The Academy @ Shawnee, Trigg County, **Union County**, Valley, Waggener, Warren Central, Warren East, Washington County, **Webster County**, West Carter, Western Hills, and West Jessamine.

[Bold refers to the new Cohort 8 schools]
[Click here](#) to see which of these schools have been recognized on the College Board AP Honor Roll.

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