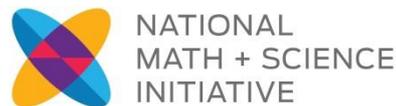




# Announcement of Cohort 8 2014 Performance Report New Longitudinal Research

Kentucky Board of Education Meeting  
February 4, 2015





# Elements of Success



The NMSI AP\* College Readiness Program supports improvements in earning qualifying scores (QS) of 3, 4 or 5 (on a 5-point scale) on national AP Math, Science and English exams, which may earn college credit.



\* Advanced Placement, AP and Pre-AP are registered trademarks of College Board.





# Elements of Success



NMSI AP\* College Readiness Program



\* Advanced Placement, AP and Pre-AP are registered trademarks of College Board.





# New Cohort 8 Schools

Total Enrollment 8,700

54% Low Income

25% Minority

Projected APMSE

Enrollments 6,500

## Participating High Schools

- Bardstown Independent
- Bullitt East
- Jefferson County
  - Doss
  - Jeffersontown
  - Pleasure Ridge Park
- Somerset Independent
- Spencer County
- Union County
- Webster County







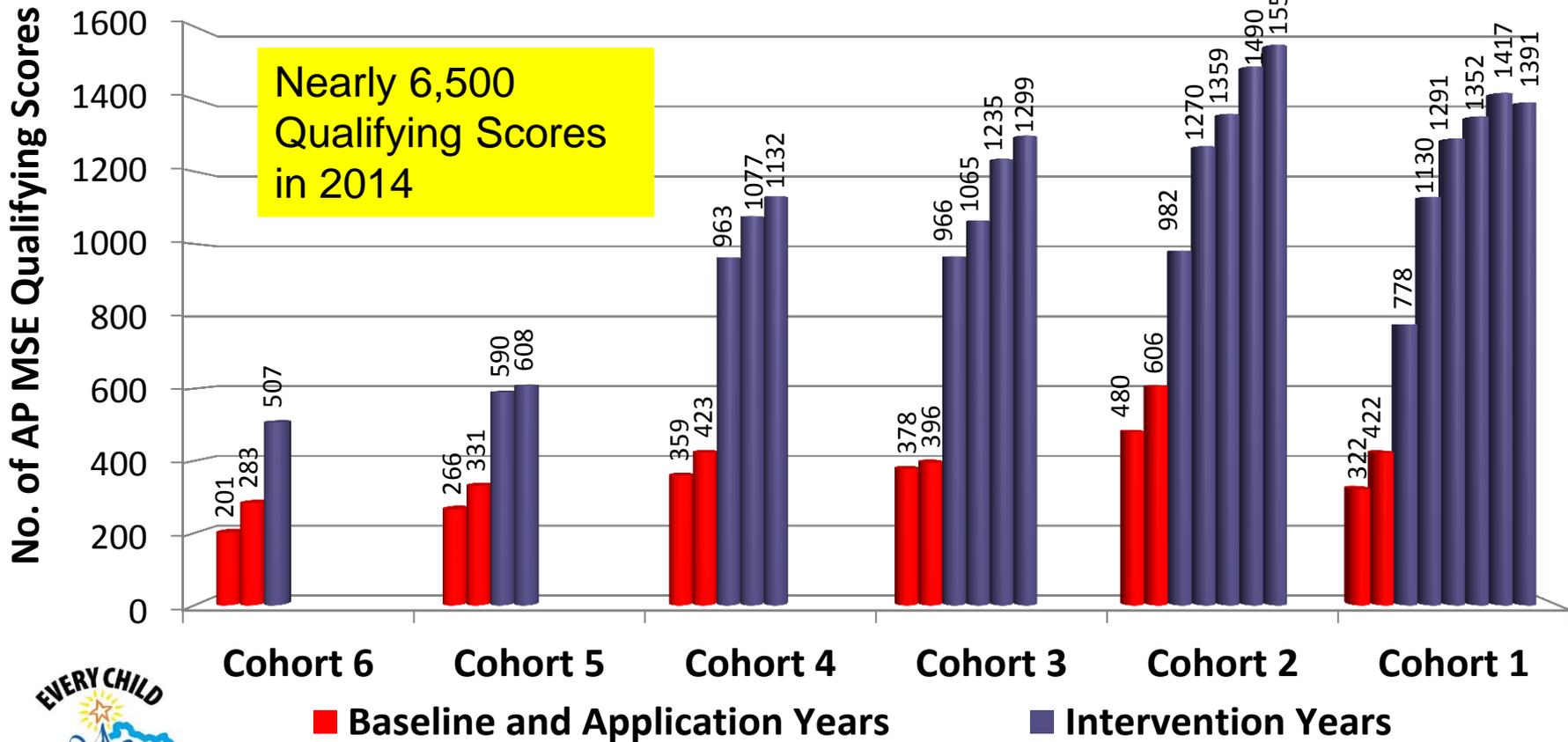
# PERFORMANCE Reports



# Annual Performance

## Number of AP Qualifying Scores by Cohort Per Year in the Program

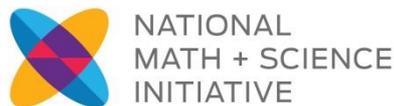
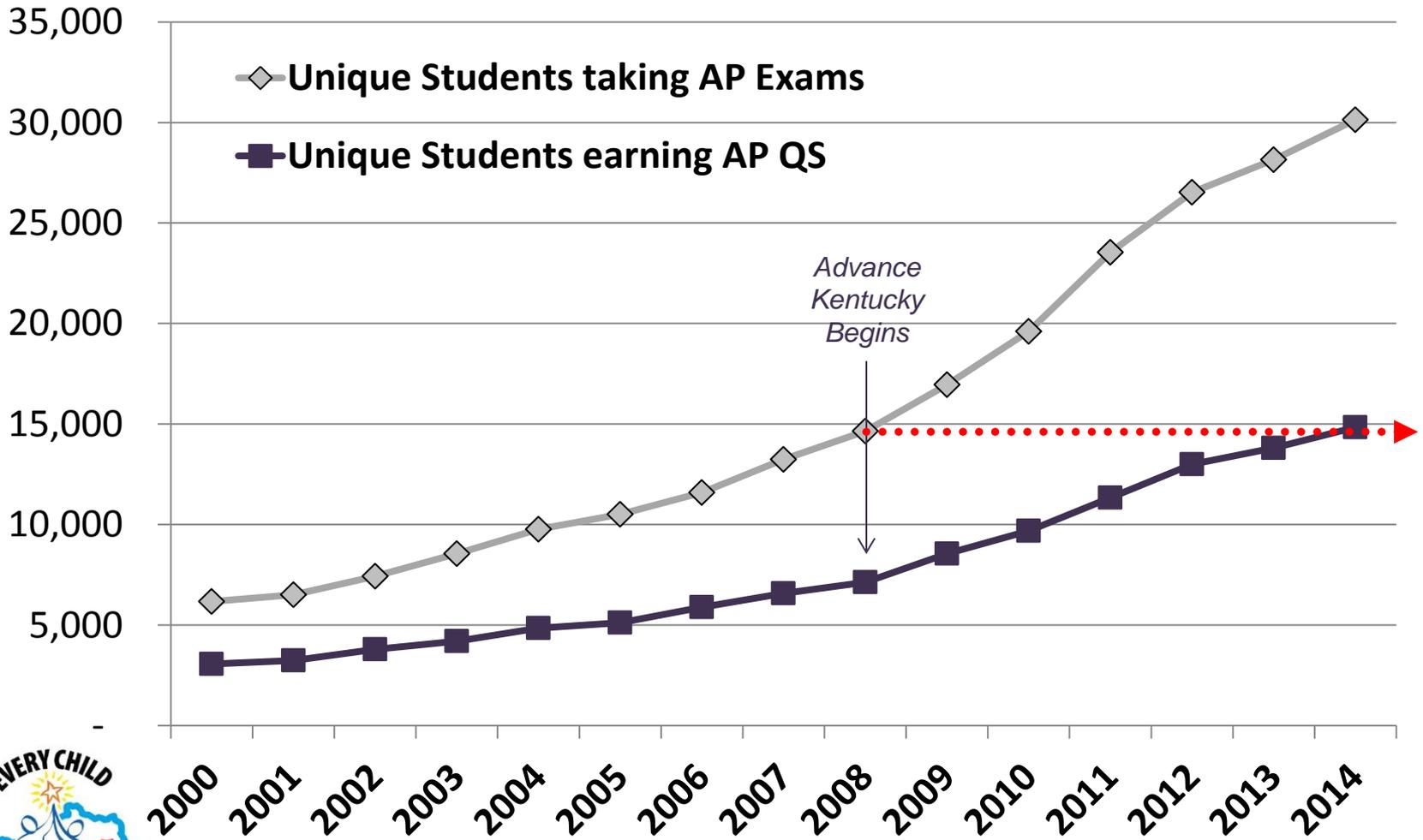
\* Math, Science and English



Source: College Board

# Unique AP Students in KY

In 2014, more individual students earned AP qualifying scores than took AP exams in 2008

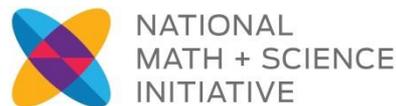




# LONGITUDINAL Research

## 2014 Report\* on AdvanceKentucky Students vs. Control Group and vs. Comparison Group

\* Research provided by Kentucky Center for Education and Workforce Statistics





# LONGITUDINAL Research

- *Experimental Group*
  - **2012** High School Graduates
  - From AdvanceKY schools who took AP MSE classes
- *Control Group*
  - **All other 2012** High School Graduates
    - with average Explore scores within  $\pm 1$  standard deviation of students in Experimental Group



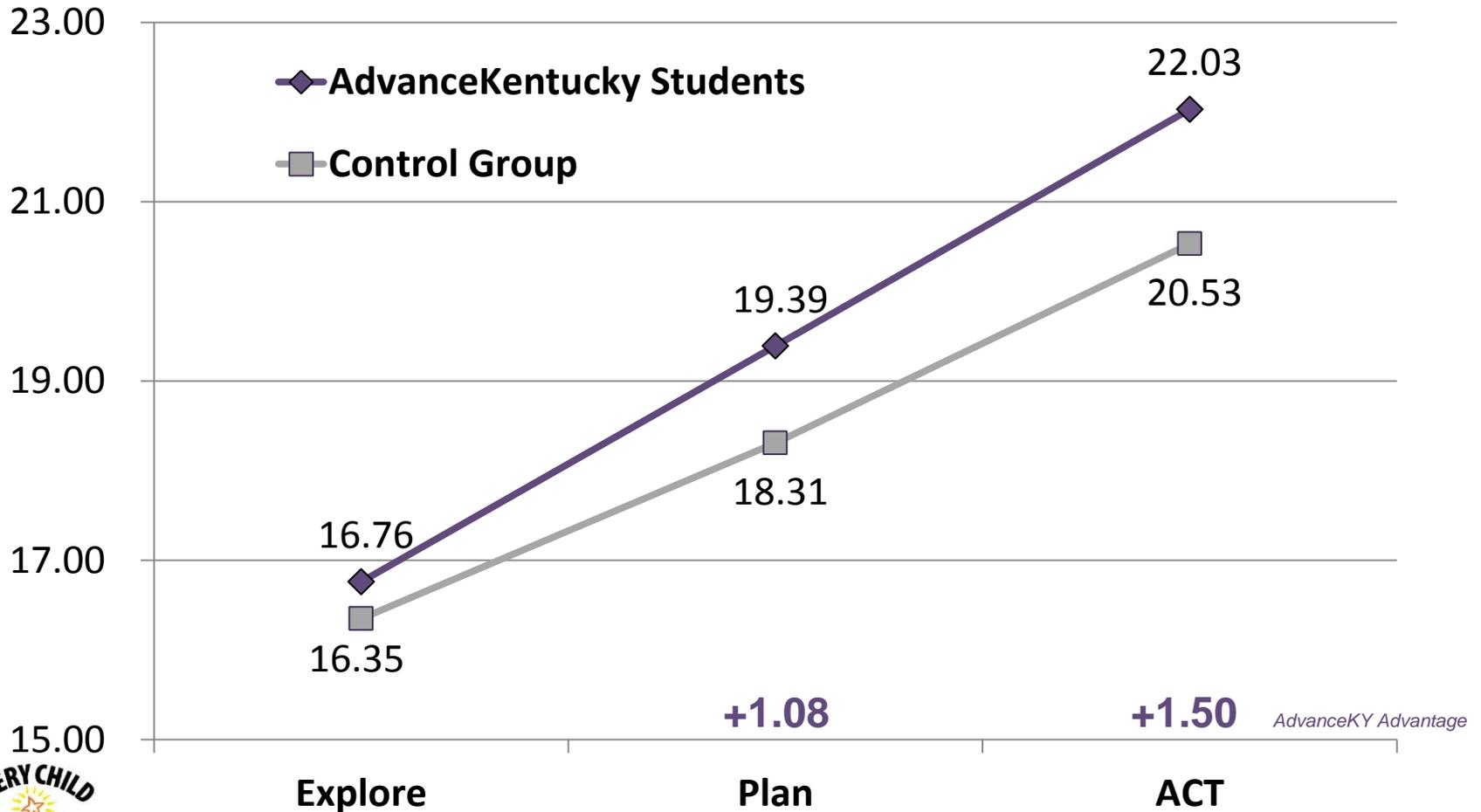


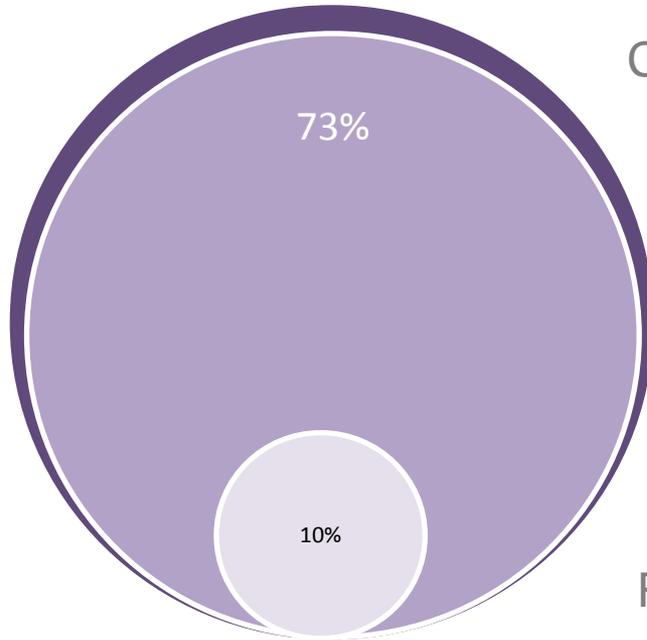
# LONGITUDINAL Research

## Comparison Groups

- *AdvanceKentucky Students*
  - **2009** High School Graduates from AdvanceKY schools
- *Non-AdvanceKentucky Students*
  - All other **2009** High School Graduates





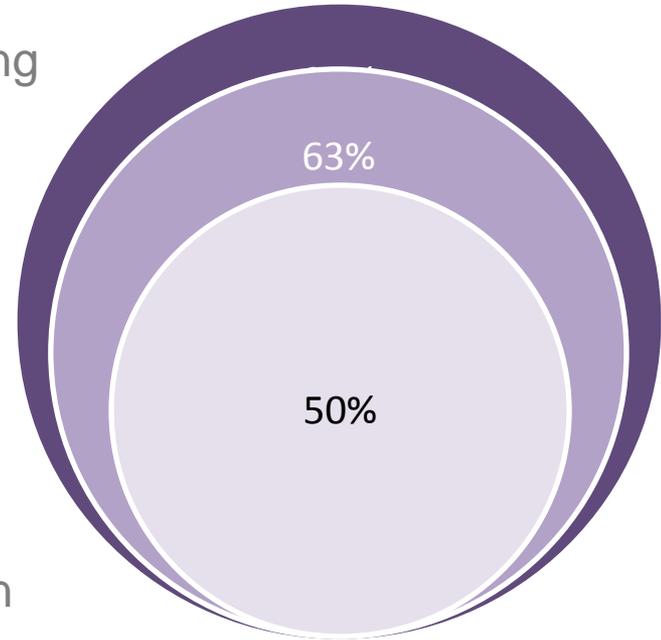


**AdvanceKentucky**

College Going

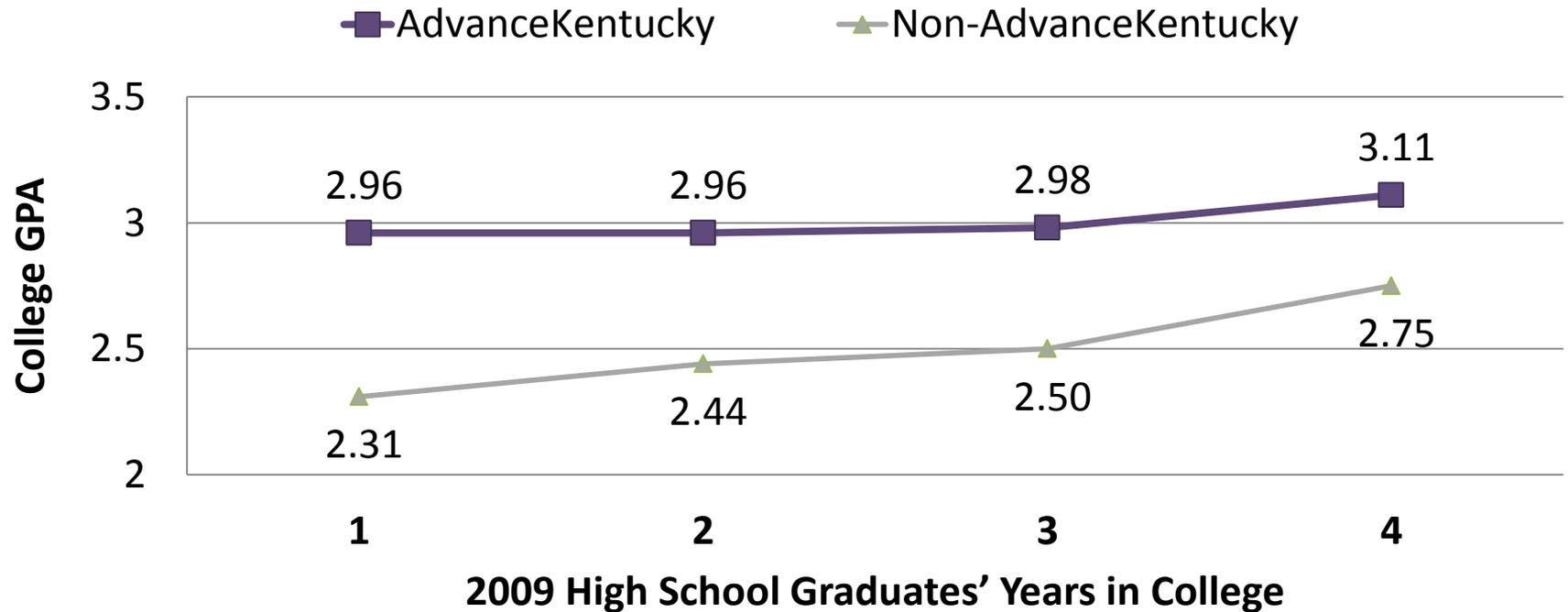
College Ready

College Remediation



**Control Group**

### College GPAs by Year



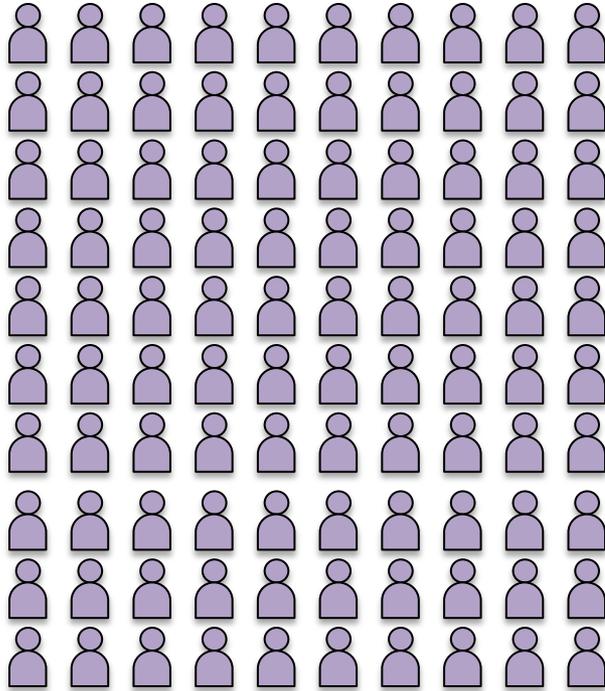


# Longitudinal Research – Comparison Group

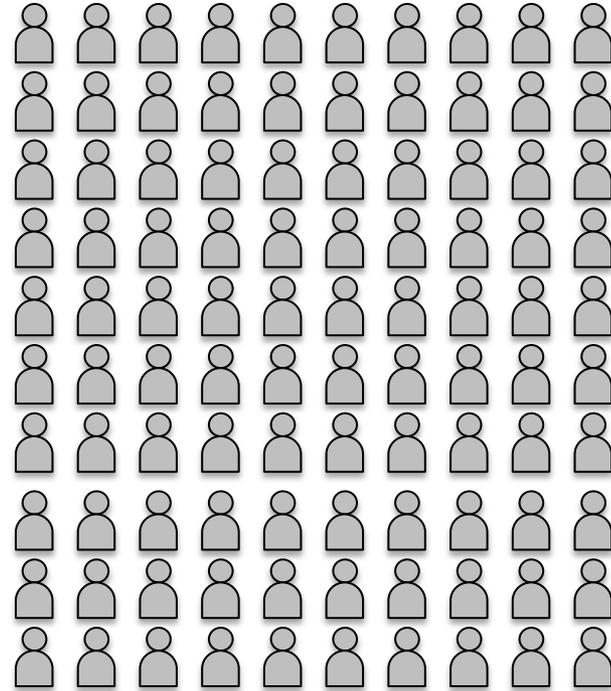
## College Persistence and 4-Year Graduation

### CLASS OF 2009

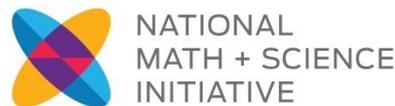
Among all College Going...



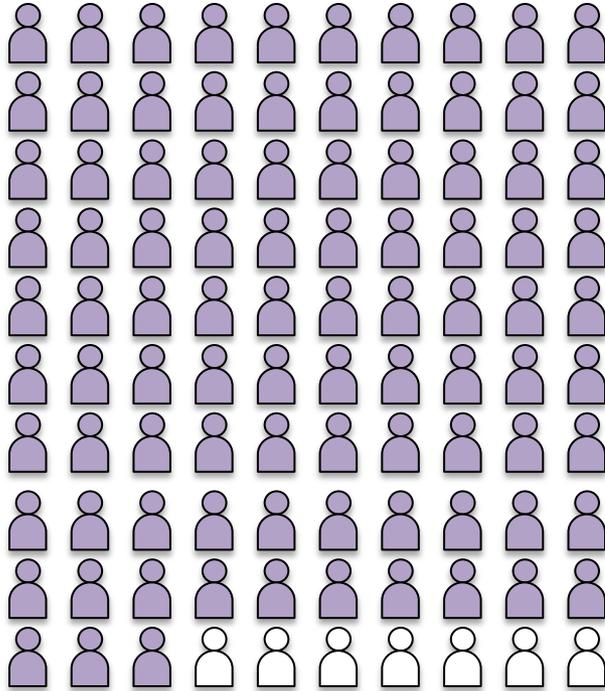
**AdvanceKentucky**



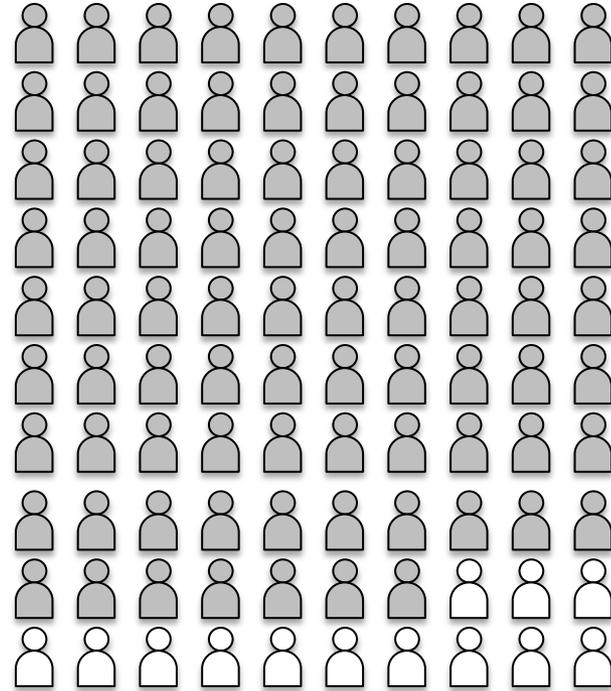
**Comparison Group**



% Persisting to Year 2 in College

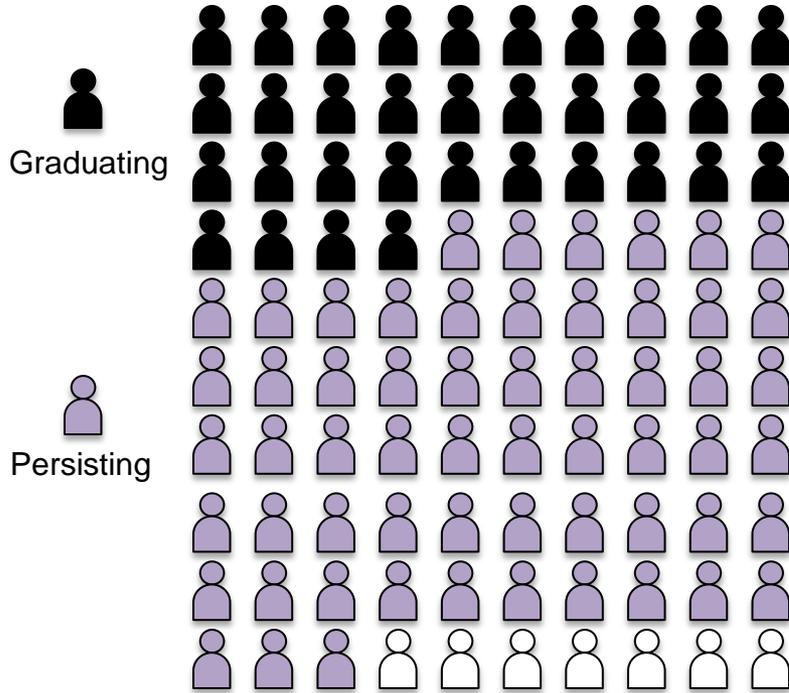


**AdvanceKentucky**  
**93%**

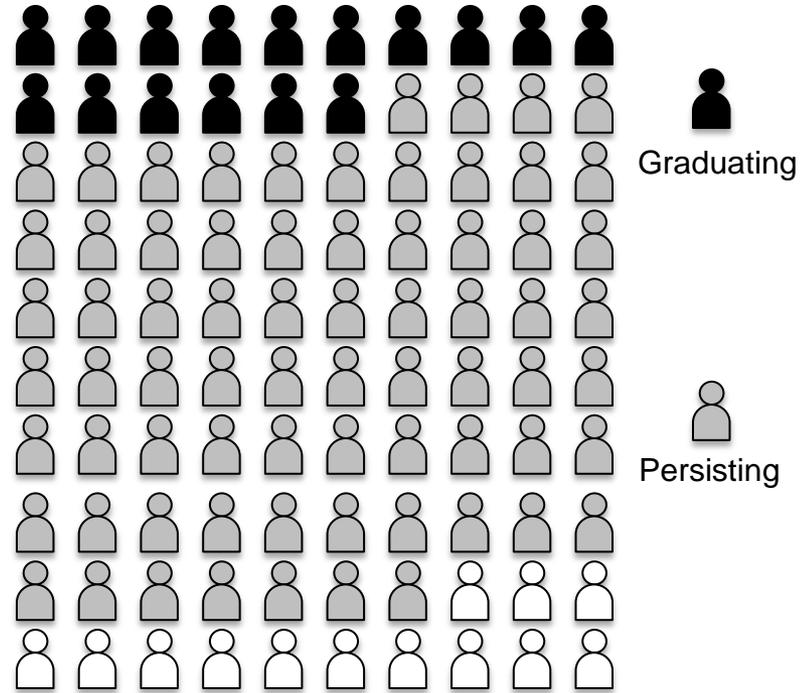


**Comparison Group**  
**87%**

% Graduating in 4 Years

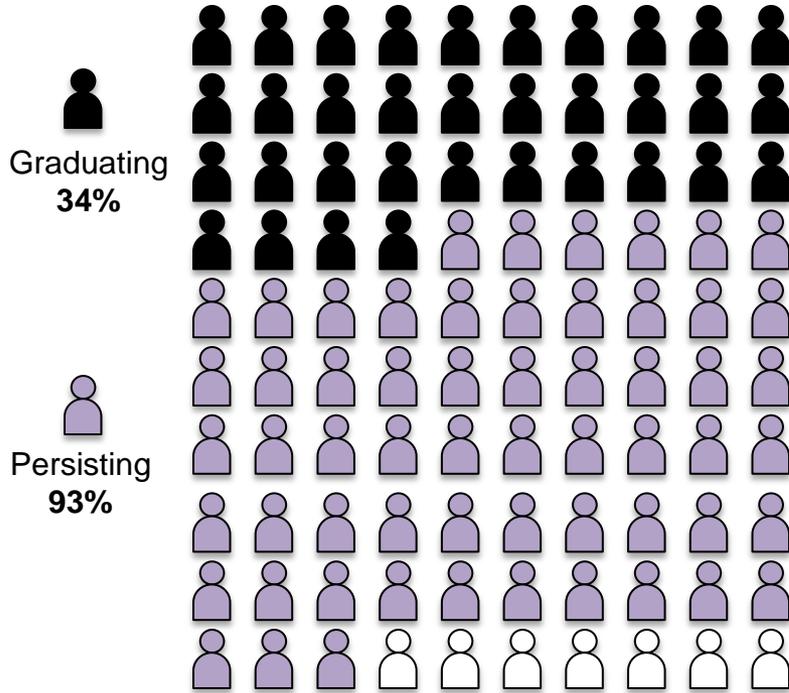


**AdvanceKentucky**  
**34%**

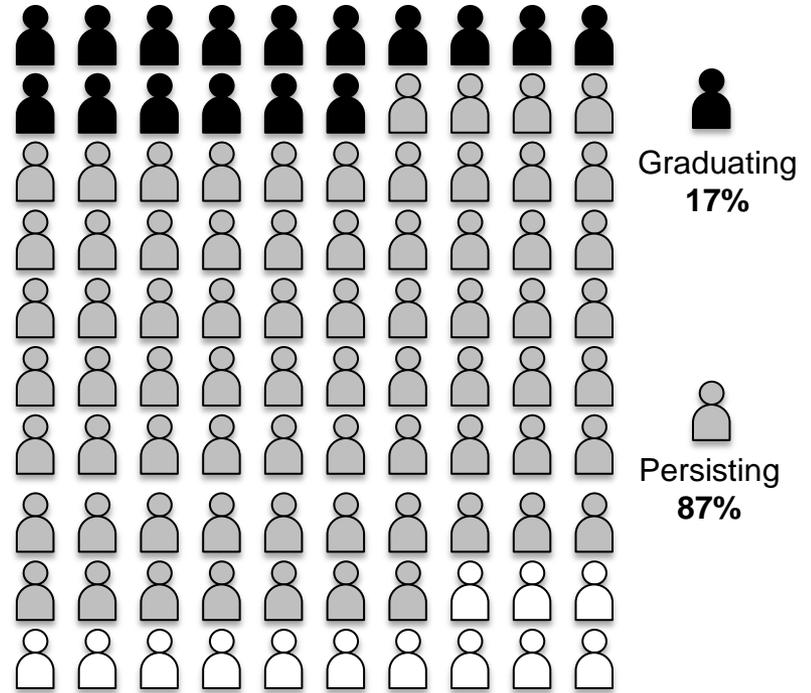


**Comparison Group**  
**17%**

Percent of College-Going Students  
Persisting to Year 2 and Graduating in 4 Years



**AdvanceKentucky**



**Comparison Group**



# LONGITUDINAL Research

## In summary, AdvanceKentucky Students...

*vs. CONTROL GROUP (class of 2012)*

- Enjoy a 1.5-point advantage on average **ACT** scores
- Achieved a 10%-point advantage in **College-Career Readiness**
- Enroll in **remedial** classes in college at a substantially lower rate

*vs. COMPARISON GROUP (class of 2009)*

- Earn higher **GPA**s each year in college
- **Persist** to year 2 in college at higher rates
- Graduate from college in **four years** at twice the rate



The control group is comprised of 2012 High School Graduates that earned average Explore scores within plus/minus 1 standard deviation of AdvanceKentucky students.





[www.advanceky.com](http://www.advanceky.com)

