



# Advanced Placement 2020 Fall PrepFest

September 2, 2020

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Oklahoma State Department of Education



**OKLAHOMA**  
Education

- 
- AP and College Enrollment
  - AP Student Success at the College Level
  - Oklahoma Advanced Placement
  - Score Sends
  - AP 2020-2021

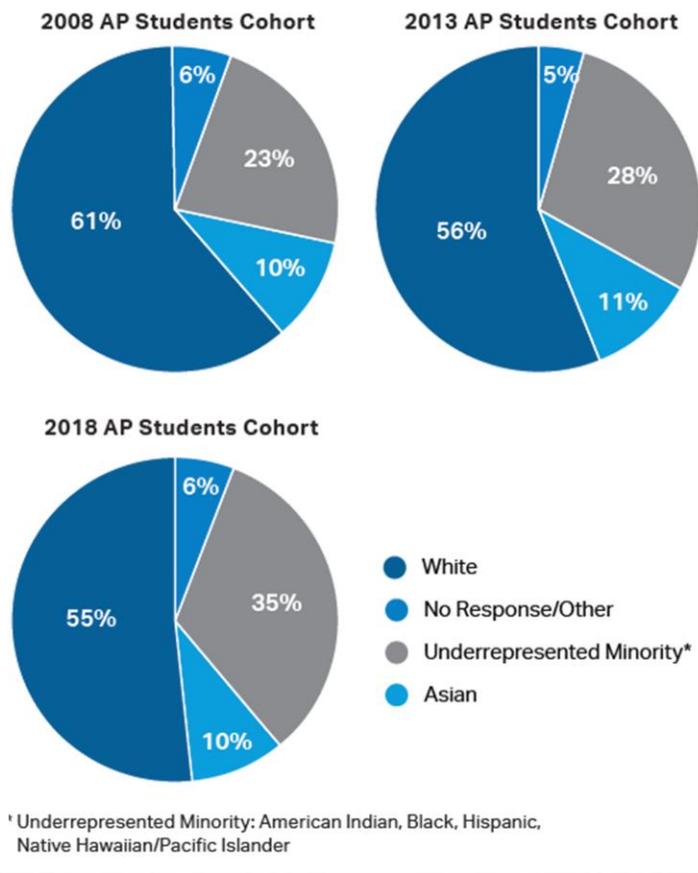
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# AP and College Enrollment

# Recent Trends

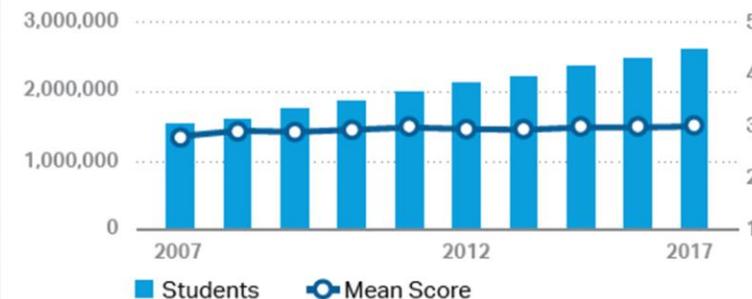
There are three key trends that are the most important for enrollment professionals to understand to more fully leverage AP in meeting institutional goals:

## 1. DRAMATIC PARTICIPATION INCREASES ACROSS DEMOGRAPHIC GROUPS



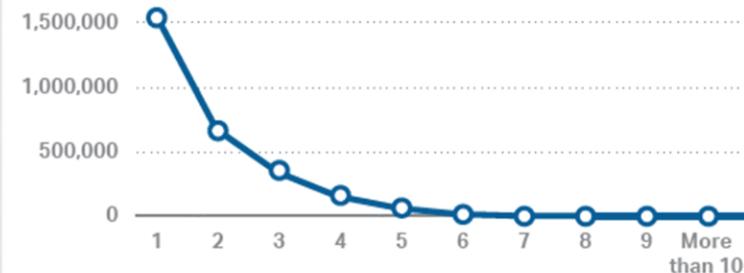
## 2. AS PARTICIPATION HAS INCREASED, PERFORMANCE HAS STAYED CONSISTENT

Student Participation and Mean Scores



## 3. AP STUDENTS' COURSE-TAKING PATTERNS

Numbers of AP Exams Taken by Students in May 2018  
Expressed as Percentage of Total Cohort



# The Value of AP in Recruitment

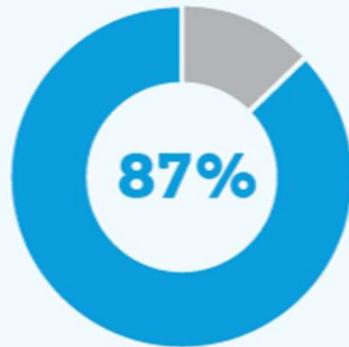
**AP® students are more likely to succeed, persist, and graduate on time.**

**Over 2.8 million high school students participate in AP each year, more than a third of whom are from underrepresented minority populations.**

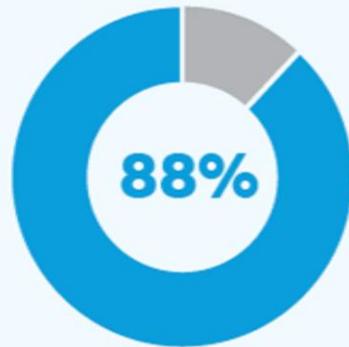
## Key Finding

Regardless of race or ethnicity, the vast majority of students attending public high schools have access to the AP Program.

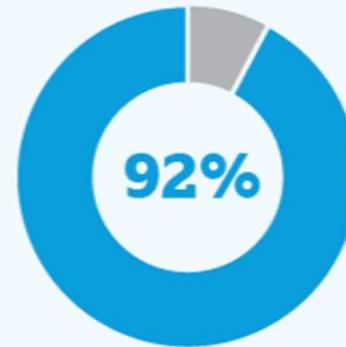
■ Percentage of public school students whose high schools offer AP courses



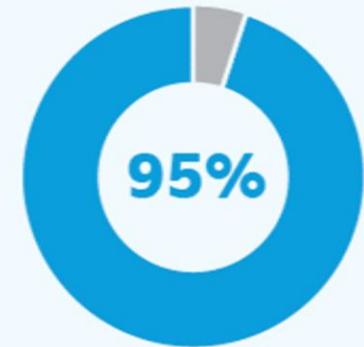
WHITE



BLACK/AFRICAN AMERICAN



HISPANIC



ASIAN

Source: Nat Malkus. *AP at Scale: Public School Students in Advanced Placement, 1990-2013*. Washington, DC: American Enterprise Institute, 2016.

Above data reflects the 2011-2012 academic year.

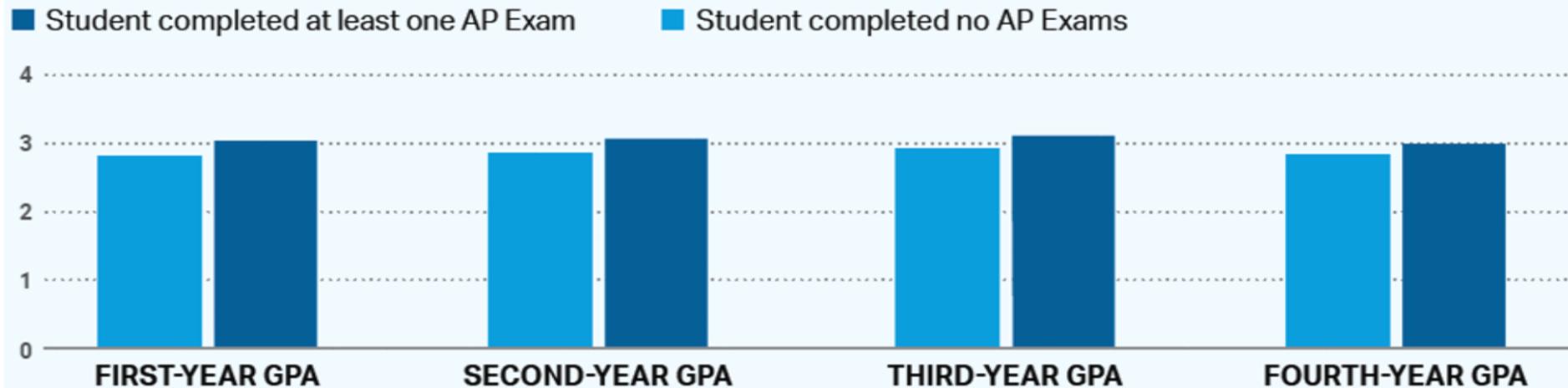
# The Value of AP in Admissions

When evaluating students for admission, examining AP® participation helps colleges and universities understand the extent to which they have challenged themselves in high school.

## Key Finding

Students who earn a 3 or higher on an AP Exam are more likely to earn higher first-year GPAs in college, compared to non-AP students of similar ability.

### Performance of Students With and Without AP Exam Participation



Source: Ackerman, P.L., R. Kanfer, and C. Calderwood (2013). "High School Advanced Placement and Student Performance in College: STEM Majors, Non-STEM Majors, and Gender Differences." *Teachers College Record*, 115.

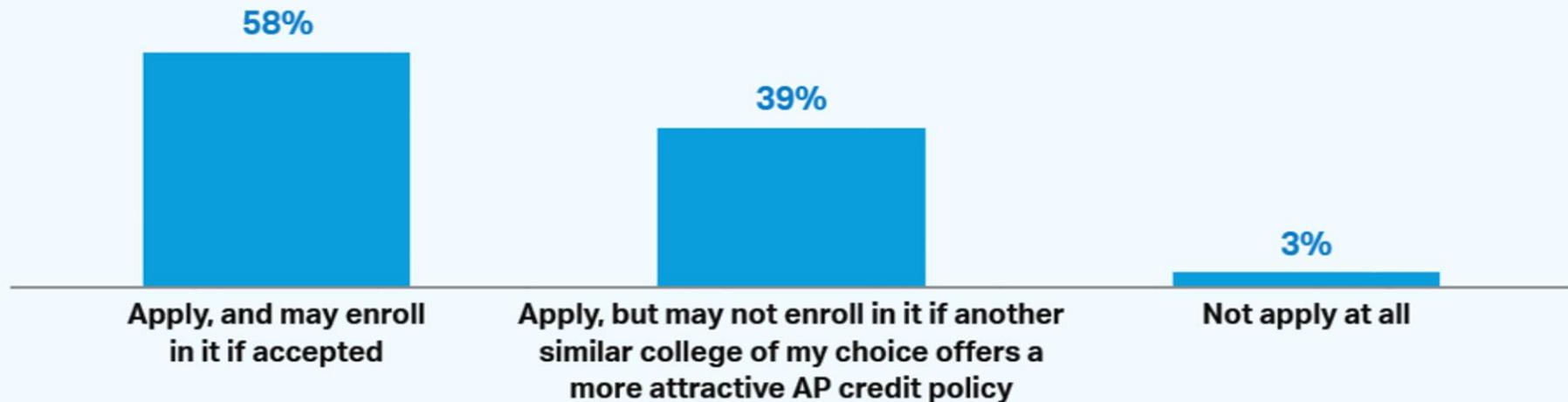
# The Value of AP in Yield Efforts

**A strong, data-informed AP® credit policy has a clear positive impact on student choice of college—a key driver in yield efforts. Improving yield rates can come from acting on a research-based study of institutional credit policies.**

## Key Finding

Nearly 4 in 10 students indicated they would consider enrolling in another college if it were to offer a more attractive AP credit policy.

**Suppose a college you are interested in does not provide college credit for qualifying scores you received on your AP Exams. What would you do? (Among college-bound students who take an AP Exam in 2017-18.)**



Based on Morris, K. and Jacklin, A. (2018). *What Students Are Saying: How AP Credit Policies Influence Application and Enrollment Choices*. New York: College Board.

# The Value of AP in Placement

**Granting credit for AP® Exam scores of 3 or higher allows students to be placed in appropriately challenging coursework in college, increasing student satisfaction and retention.**

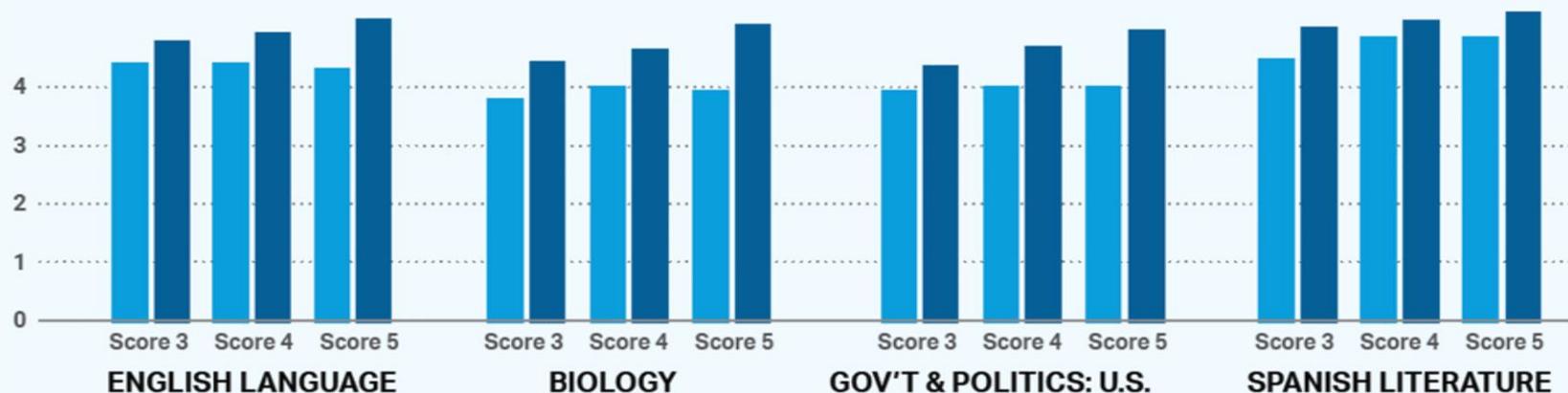
## Key Finding

For all AP subjects studied, students who took an AP Exam performed as well as or better than non-AP students in the subsequent college course related to their AP Exam—even after controlling for prior academic achievement and demographic variables.

### Performance of Students With and Without AP Exam Participation

■ GPA in subsequent college course, Non-AP Student

■ GPA in subsequent college course, AP Student



Source: Wyatt, J., Jagesic, S., and Godfrey, K. (2018). *Postsecondary Course Performance of AP® Exam Takers in Subsequent Coursework*. New York: College Board. Jagesic, S., and Wyatt, J. (2018). *Postsecondary Course Performance of AP® Exam Takers in Subsequent Coursework: Biology, Languages, and Studio Art*. New York: College Board.

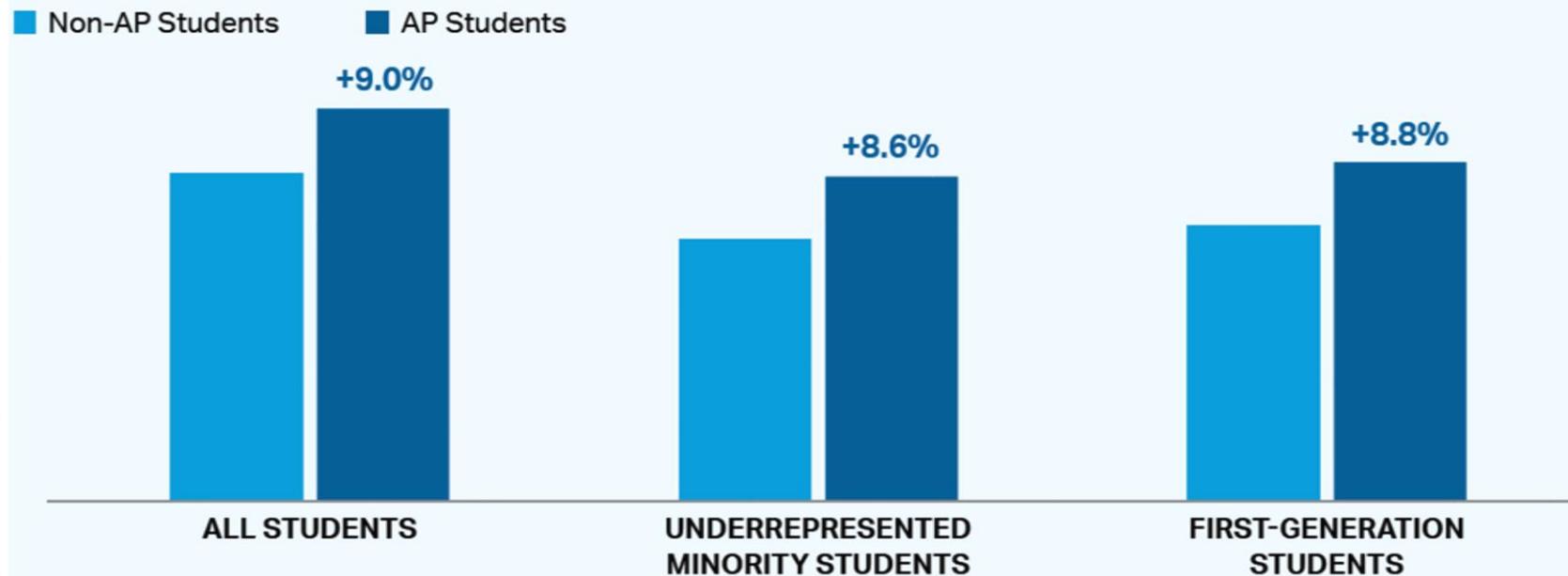
# The Value of AP in Retention

**Incorporating AP® into your retention models and other success initiatives that support students through graduation can have strong, positive impacts on institutional strategies and goals.**

## Key Finding

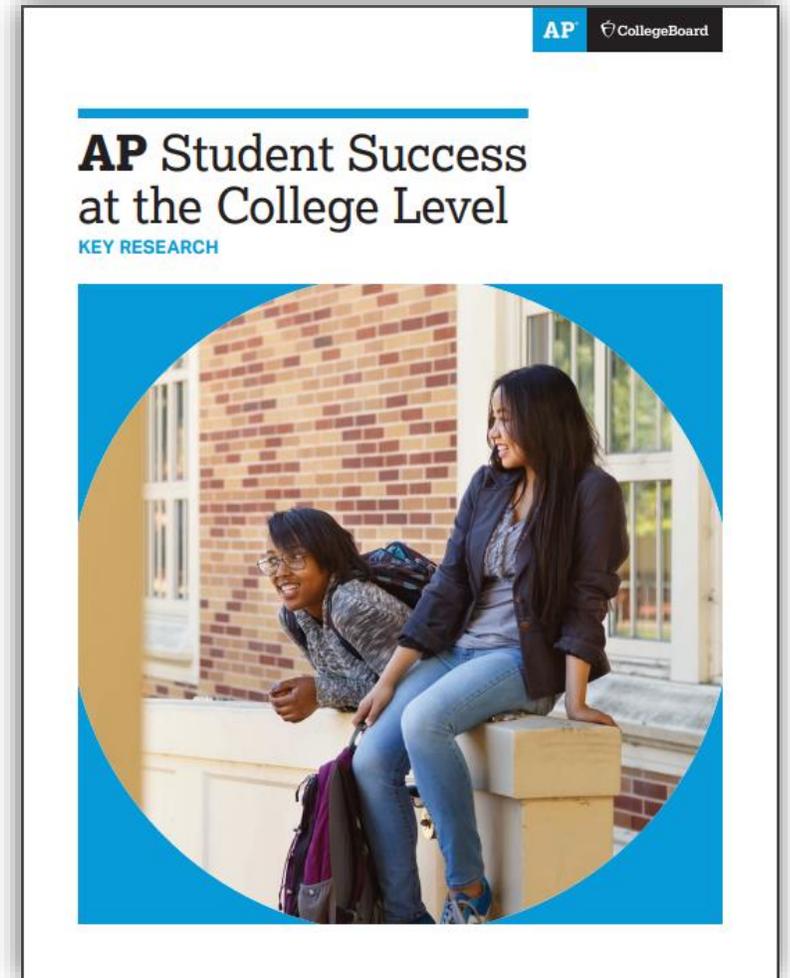
AP Exam takers have higher four-year graduation rates than non-AP Exam takers—regardless of AP Exam score earned.

Four-Year Graduation Rates of Non-AP Students and AP Students



Based on Mattern, K. D., J. Marini, and E. Shaw, (2013) *Are AP Students More Likely to Graduate from College on Time?* (Research Report No. 2013-5, 12 [Model 5]). New York: College Board, 2013. Probabilities are calculated for an average student.

# AP<sup>®</sup> Student Success at the College Level



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# AP is recognized for national standards of college level learning; validated by Higher Education

- [AP Central](#) offers course and exam descriptions for all 38 AP subjects.
- Higher Faculty:
  - Involved in AP course and exam development
  - Serve as readers to externally score exams using a rubric based assessment
  - Conduct placement validity studies to validate standards and qualifying scores for credit.
- Recent changes to AP<sup>®</sup> courses and exams, including AP Capstone and AP Computer Science Principles.
- Current [AP Research](#) -student placement validity outcomes, AP impact on major selection, four year completion success.
- Fair, consistent, evidenced-based college credit policies encourage and support students success in college

# AP student success at the college level

*AP<sup>®</sup> programs in high schools, coupled with evidence-based AP policies at colleges and universities, support positive outcomes for students.*

**Multiple studies confirm that students who earn a 3 or higher on an AP Exam:**

Perform well in subsequent college courses in the discipline

Are more likely to major in their AP subject or a related discipline, particularly in STEM subjects

Take more—not less—college coursework in the discipline

Are more likely to graduate within four years

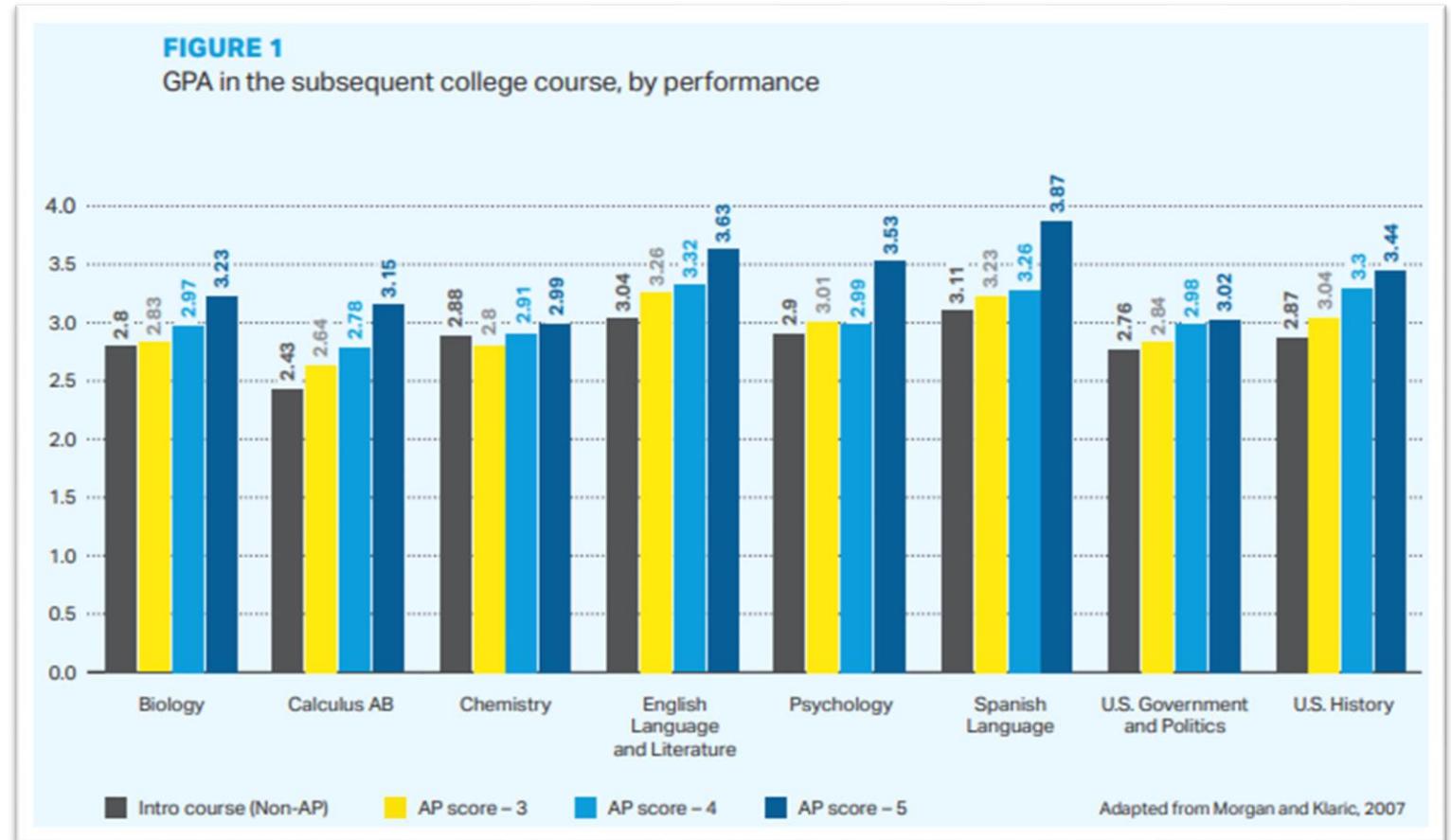
Find opportunities that lead to success (especially true of underrepresented students)

# Students who took an AP Exam perform well in subsequent college courses and disciplines

## Key Finding

AP participation is related to positive outcomes for students earning a score of 3 or higher on an AP Exam.

In most AP subjects, they performed the same as or better in the intermediate-level college course than students who took the college's introductory course, controlling for prior achievement



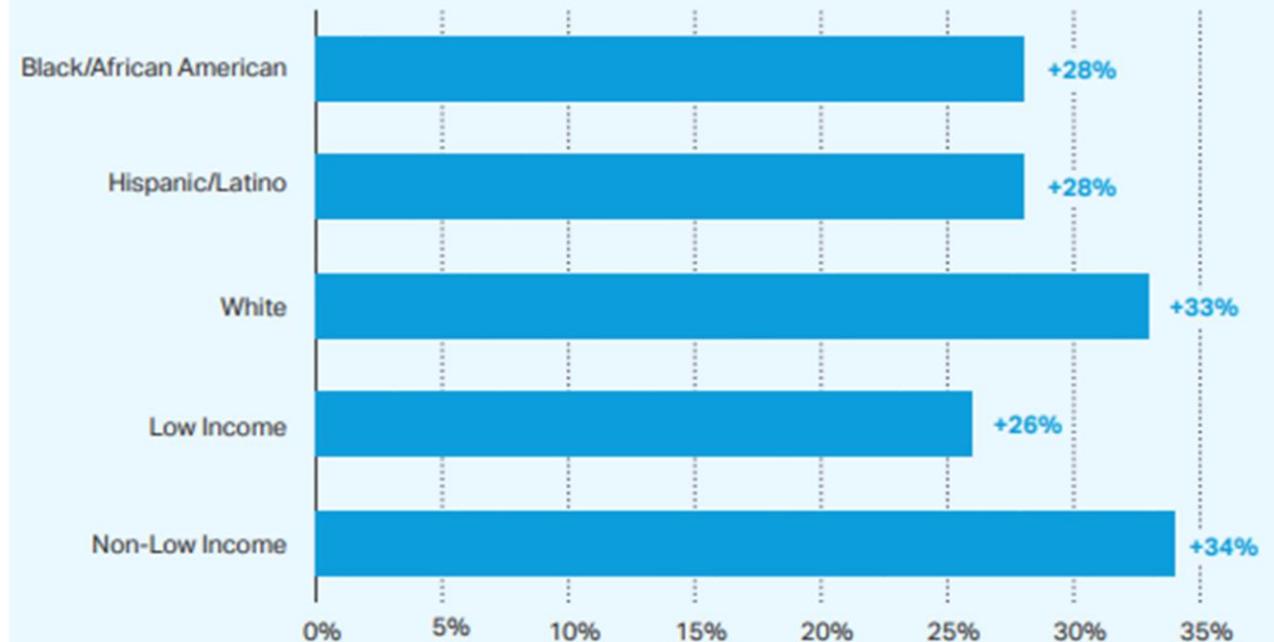
# AP provides opportunities for underserved students to succeed

## Key Finding

Traditionally underrepresented students who earn a 3 or higher on at least one AP Exam had a higher probability of graduating from college in five years or less than non-AP students of the same ethnicity/socioeconomic status.

**FIGURE 5**

Increase in probability of college graduation within five years or less compared with students not participating in AP, by ethnicity and socioeconomic status



Adapted from Dougherty, Mellor, and Jian, 2006

Students who took an AP Exam are more likely to major in their AP subject or a related discipline, particularly in STEM subjects

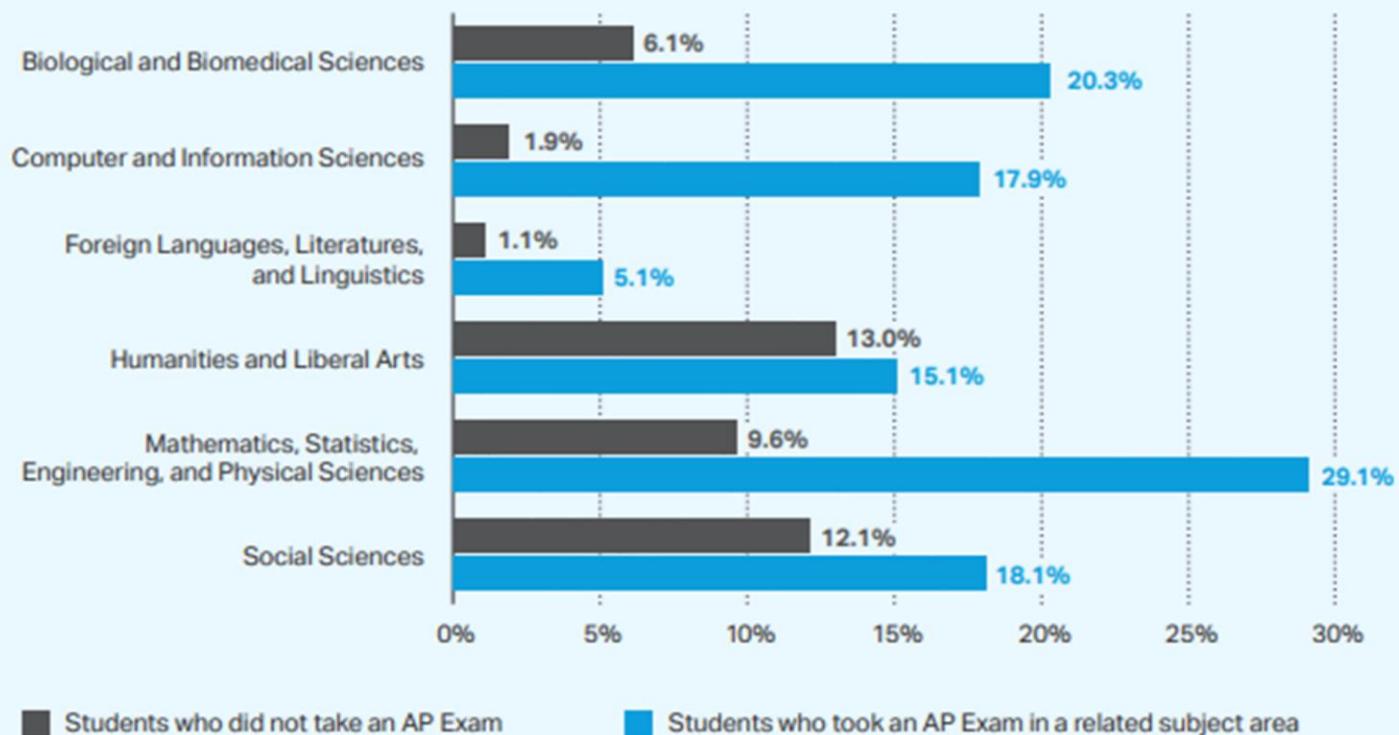
### Key Finding

The likelihood of majoring in a particular discipline increased with AP Exams taken in the discipline, and AP performance in the discipline.

The effect was strongest for STEM majors.

**FIGURE 2**

Percentage of students majoring in a specific domain by AP participation



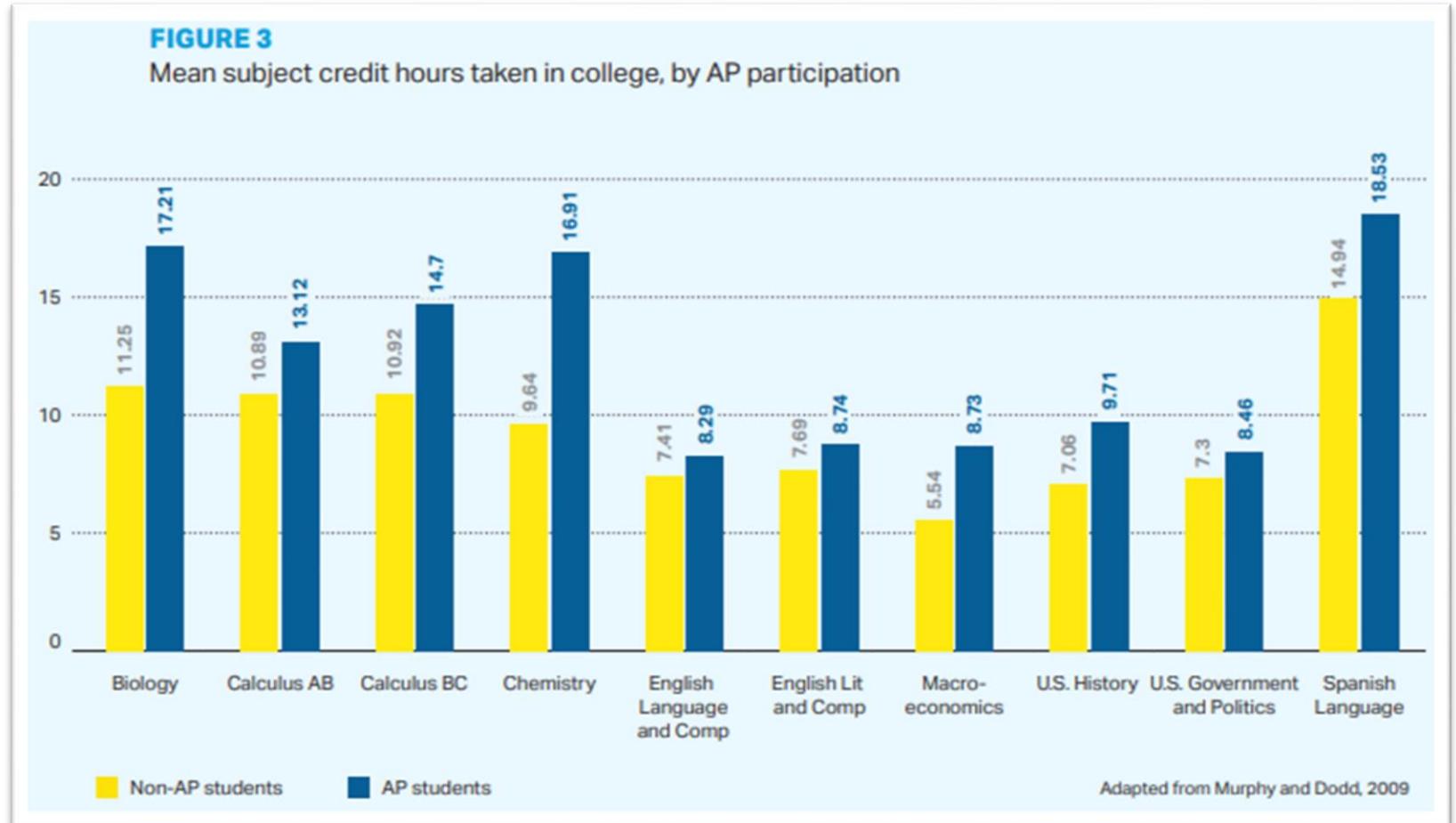
Examined major at beginning of third year in college, not major upon graduation.  
Does not account for prior interest or motivation.

Adapted from Mattern, Shaw, and Ewing, 2011

# Students who took an AP Exam take more – not less – college coursework in the discipline

## Key Finding

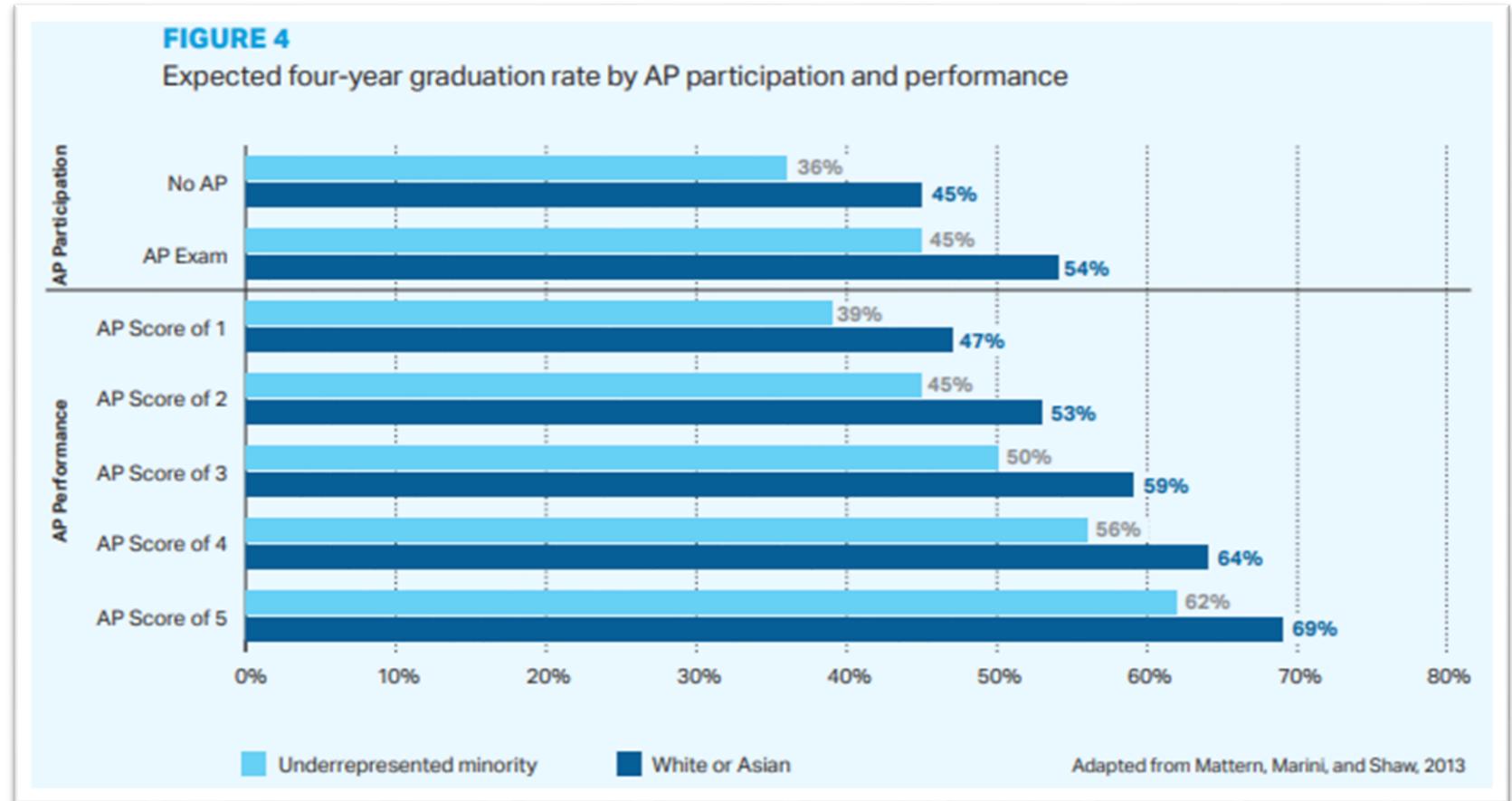
Students who took an AP Exam in one of 10 subjects generally took more credit hours in that subject area and in college overall than did non-AP students.



# Students who took an AP Exam are more likely to graduate within four years

## Key Finding

Students who took one or more AP Exams, regardless of what score was earned, were more likely to graduate from college in four years compared to non-AP students.



# Oklahoma Advanced Placement

## Advanced Placement Highlights, 2019

- 👤 **4,355** students reported scores – a decrease of **13.7%**
- 👤 **18,291** AP exam scores were reported to OSRHE – a decrease of **13.4%**
- 👤 **3,351** students scored a 3 or higher on at least one reported score
  - 👤 1,938 were submitted to state schools
  - 👤 1,400 were submitted to out of state schools

# Advanced Placement Highlights, 2019

- 🕒 2019 cohort by race/ethnicity
  - 🕒 **African American** decreased by **27.2%** and the percentage of exams score between 3-5 decreased by **21.2%**
  - 🕒 **Hispanic or Latino** decreased by **8.3%** and the percentage of exams score between 3-5 decreased by **14.1%**
  - 🕒 **Native American** decreased by **18.1%** and the percentage of exams score between 3-5 decreased by **30.1%**
- 🕒 The 2019 Low Income Cohort declined **23.8%**
- 🕒 **44%** of all scores sent to OK public schools went to OU

# State Highlights

## AP Readers

- 219 Reading Participants: 126 teachers and 93 university faculty helped score AP Exams representing 1.2% of all readers

## AP Professional Development Leaders

- 16 experienced AP teachers and university faculty serve as PD leaders.

## AP Development Committee Members

- 2 members are responsible for the content of AP courses and exams

## AP Course Audit Syllabi Reviewers

- 2 university faculty serve as Reviewers and help ensure AP courses cover the content and skills assessed on AP Exams

## 52 AP Capstone Diplomas and 27 Certificates\*

- 7 public high schools offered AP Capstone in 2018-19

\*Numbers represent cohort data

## One (1) National AP Honor Roll District

- Sand Springs School District

AP COHORT DATA  
GRADUATING CLASS OF 2019



## Oklahoma

### Highlights

#### Participation in the Development of AP

2019 AP<sup>®</sup> Reading participants: 219

Oklahoma represents 1.2% of all AP readers

- AP high school teachers: 126
- College and university faculty members: 93

2019 AP Professional Development Leaders: 16

2019 AP Development Committee Members: 2

Edmond Memorial High School	English Language and Composition
University of Oklahoma	Human Geography

2019 AP Course Syllabi Reviewers: 2

Oklahoma City University	Chemistry
University of Tulsa	Music Theory, Research, Seminar

#### AP Capstone

Oklahoma public high schools participating in AP Capstone<sup>™</sup> in the 2018-19 school year: 7

Oklahoma public high school students in the graduating class of 2019 received:

- AP Capstone Diplomas: 52
- AP Seminar and Research Certificates: 27

#### AP District Honor Roll

The AP District Honor Roll is a list of districts honored for increasing access to AP coursework while simultaneously maintaining or increasing the percentage of students earning scores of 3 or higher on AP Exams. Reaching these goals indicates that these districts are successfully identifying motivated, academically prepared students who are likely to benefit from challenging AP coursework. AP honor roll districts are committed to expanding the availability of AP courses among prepared and motivated students of all backgrounds.

10th Annual AP District Honor Roll Districts in Oklahoma: 1

Sand Springs School District

# Score Sends

# What do AP scores mean?

*AP scores are correlated to grades in the corresponding introductory college course.*

- The College Board and the American Council on Education (ACE) recommend granting credit/placement for **scores of 3 and higher, which correlate to letter grades of C or better.**
- Most colleges recognize transfer credit with grades of C or better.

①	②	③	④	⑤
No recommend- ation	Possibly Qualified	Qualified	Well Qualified	Extremely Well Qualified
		Equivalent to grades of B-, C+, and C in the corresponding college course	Equivalent to grades of A-, B+, and B in the corresponding college course	Equivalent to grades of A and A+ in the corresponding college course

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# To earn college credit AP students must send the official AP Exam score transcript to a college or university

- Students can send their scores for free to one recipient every year that they take AP Exams.
- To use the free score send option, students sign into My AP, go to My AP Profile, select the Score Send tab and choose the college, university, or scholarship organization that they want to receive the score report.
- Students can order as many score reports as they need online after scores are released in early July for a \$15 fee.
- Higher Ed. Institutions will **not** award students credit without this official AP report. Some campuses have deadlines for receiving the score reports.

# AP

# 2020-21

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New supports.  
Greater flexibility.  
More training.

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# 2021 AP Exams

- The 2021 **exams will match the traditional, published exam descriptions**—colleges expect the AP Exam to cover the full spectrum of the corresponding AP course.
- We'll support in-school testing in 2021 because **administering exams in schools maximizes access and opportunity**.
- Any school that needs to socially distance in May 2021 can **divide testing across two test dates**, reducing the number of students convening for any one exam.
- If schools close in May 2021 because of safety concerns, we'll share a **contingency testing** option—that contains full course content—in early 2021.

# No-Risk Registration\*

	Description	Cost/exam
<b>Fall registration</b>	Exam ordered by Nov. 13, 2020	\$95
<b>Late registration</b>	Ordered Nov. 14, 2020 – March 12, 2021	\$95 + \$40 fee
<b>Unused/canceled exam</b>	<b>No fees for unused/canceled exams</b>	<b>\$0</b>

- Every AP student should register for the exam before November 13 because there is no risk to do so: given this year's unusual circumstances, we'll waive the \$40 per exam cancellation or unused exam fee for any student who decides not to test.
- Students who don't register by November 13 and then decide they want to test will incur the usual \$40 per exam late order fee.

# Resources for In-Person, Hybrid/Blended, and Online Learning

	In Person	Hybrid/Blended	Online
<b>PLAN</b> Course/Unit Planning Materials	✓	✓	✓
<b>TEACH</b> Daily Learning Videos	✓	✓	✓
<b>PRACTICE</b> Student Practice Assignments	✓	✓	✓
<b>ASSESS</b> Formative Unit Assessments	✓	✓	✓
<b>GET FEEDBACK</b> Class Progress Reports	✓	✓	✓
<b>GIVE FEEDBACK</b> Student Progress Reports	✓	✓	✓
<b>PREPARE</b> AP Exam Prep	✓	✓	✓
<b>DEVELOP</b> Teacher PD Opportunities	*	*	✓

\* In-person professional development may resume for summer 2021.

# 24/7 Teacher Support

## For all AP Teachers



Tune in to free webinars.

- Getting Started: Teachers New to AP
- Instructional Resources



Watch AP Classroom [Quick Start Videos](#)

## By AP Course



Attend online AP Summer Institutes.



Sign up for online one-day workshops.



Watch AP Teacher Week 2020.

- New Video Resources: AP Daily
- Topic Questions
- Progress Checks and Dashboard
- Question Bank



Participate in your AP Teacher Community

[apcentral.collegeboard.org/learning-development](https://apcentral.collegeboard.org/learning-development)

# Tools for AP Coordinators

**Downloads:** [collegeboard.org/apdownloads](https://collegeboard.org/apdownloads)

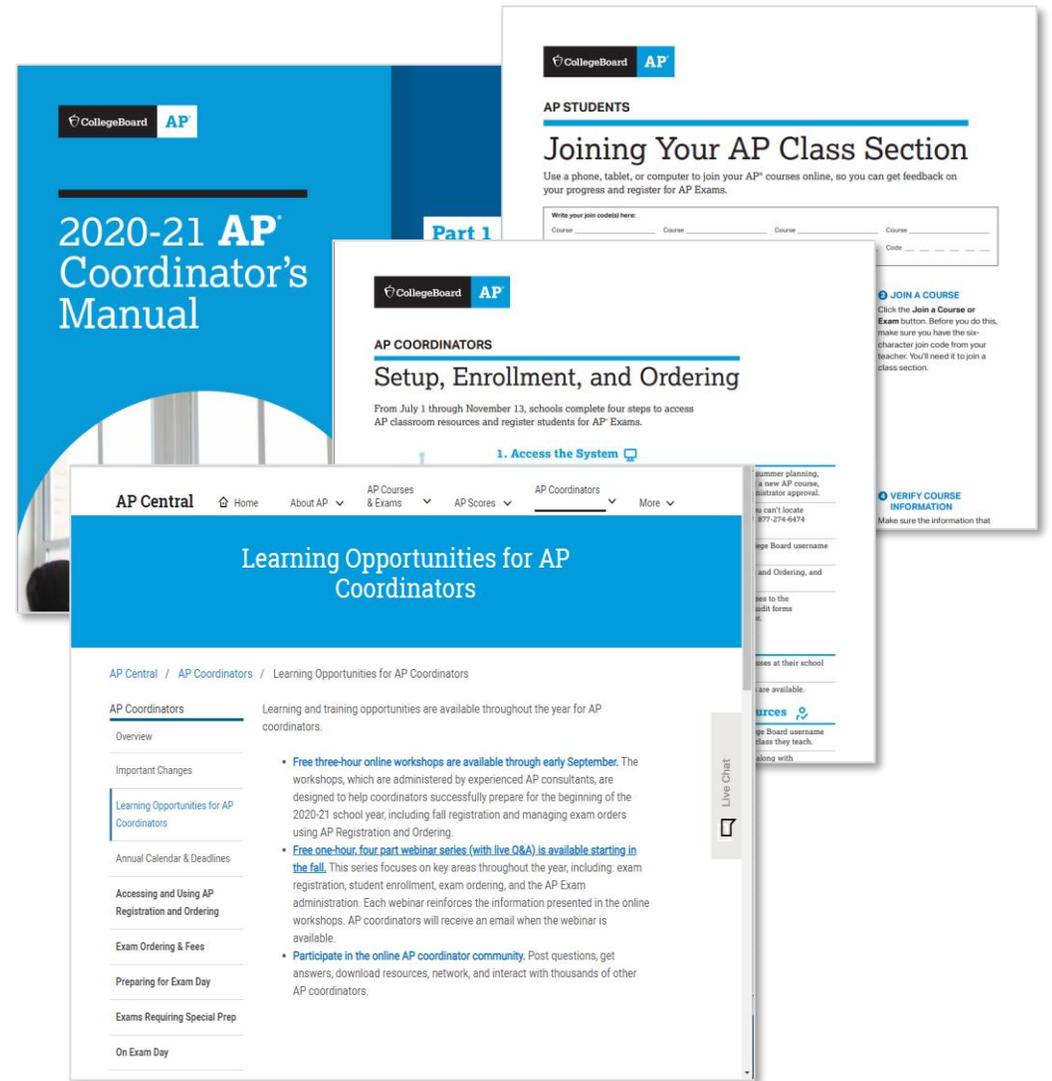
- The AP Coordinator's Manual – Part 1
- Guides for setup, enrollment, and ordering

**Trainings:** [collegeboard.org/apcoordinatortraining](https://collegeboard.org/apcoordinatortraining)

- Online tutorials (available now)
- Online workshops (now through September 10)
- Online webinars (beginning August 18)

**Discussion Groups:** [apcommunity.collegeboard.org](https://apcommunity.collegeboard.org)

- AP Coordinator Community



## Higher Education

- OU  
<https://www.ou.edu/admissions/apply/transfer-credits/advanced-placement>
- OSU  
<https://go.okstate.edu/admissions/credit-by-exam.html>
- University of Tulsa  
<https://admission.utulsa.edu/special-programs/advanced-placement-credit/>
- University of Central Oklahoma  
<https://www.uco.edu/student-resources/testing-services/advanced-placement-ap>
- AP Credit Policy Search  
<https://apstudents.collegeboard.org/getting-credit-placement/search-policies/college>

# Resources

## K – 12

- AP 2020-21 School Year Resources  
[apcentral.collegeboard.org/about-ap/ap-2020-2021/school-year-resources](https://apcentral.collegeboard.org/about-ap/ap-2020-2021/school-year-resources)
- Student and Educator sign in to AP Resources  
[myap.collegeboard.org](https://myap.collegeboard.org)
- 24/7 Teacher Support  
[apcentral.collegeboard.org/learning-development](https://apcentral.collegeboard.org/learning-development)
- Tools for AP Coordinators – Downloads  
[collegeboard.org/apdownloads](https://collegeboard.org/apdownloads)
- Tools for AP Coordinators – Trainings  
[collegeboard.org/apcoordinatortraining](https://collegeboard.org/apcoordinatortraining)
- Tools for AP Coordinators – Discussion Groups  
[apcommunity.collegeboard.org](https://apcommunity.collegeboard.org)
- Tools for AP Teachers – Discussion Groups  
[apcommunity.collegeboard.org](https://apcommunity.collegeboard.org)
- Resources for Art and Design Teachers  
<https://www.arteducators.org/learn-tools/remote-learning-toolkit>

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<https://sde.ok.gov/advanced-placement>

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# Thank You



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AP<sup>®</sup>