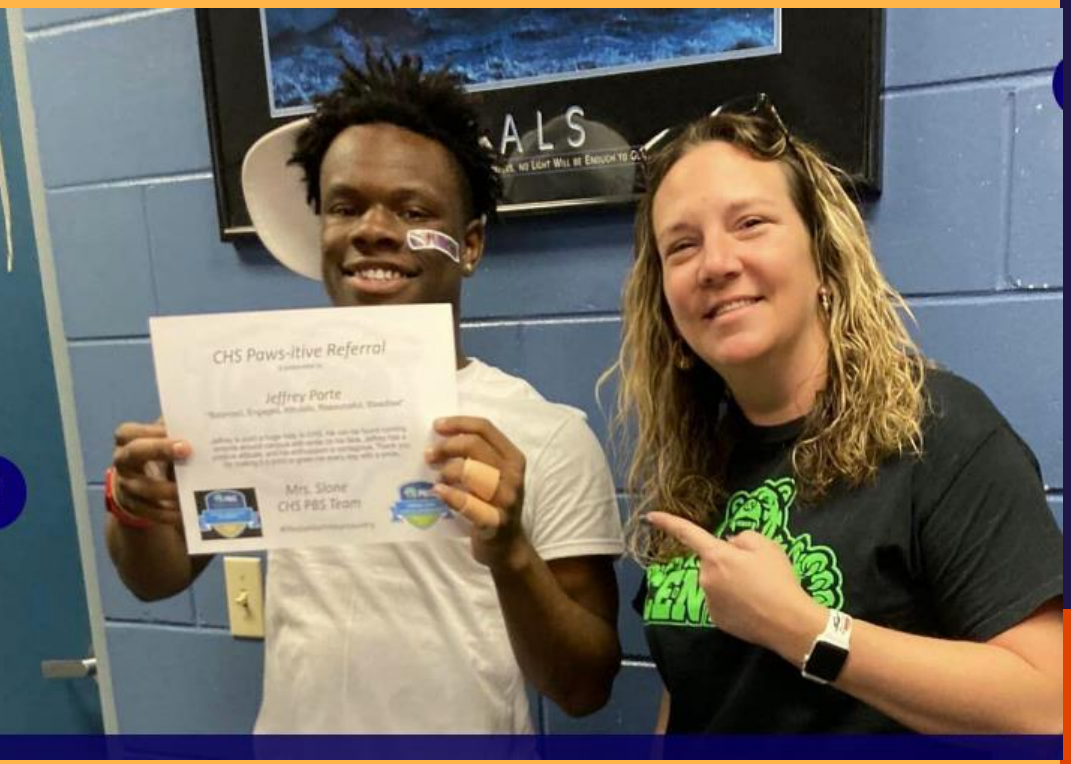
EOS Presentation to The Hernando County School Board

July 25, 2023



Our Goal: To make sure all students have equal opportunities to access the most advanced high school course offerings.

EQUAL OPPORTUNITY SCHOOLS

Students who take advanced classes in high school are better prepared for their post-secondary endeavors

DISTRICT GRADE

B

The Hernando School District has earned a grade of "B" from the Florida Department of Education since 2015

DISTRICT ENROLLMENT

2015	23,479
2016	23,759
2018	23,525
2019	23,755
2020	23,663
2021	24,200

2021 GRADUATION RATE

- DISTRICT 91%
- Central 91%
- F.W. Springstead 92.5%
- Hernando 86.2%
- Nature Coast Tech 94.5%
- Weeki Wachee 93.7%
- Hernando eSchool 94.2%

State Average: 90.1%

COLLEGE READINESS & ACCELERATION

Advanced academics are available at all high schools through advanced study programs including:

International Baccalaureate - F.W. Springstead High
Advanced International Certificate of Education (AICE) - Central High
Advanced Via Individual Determination (AVID) - Weeki Wachee High
Middle Years Programme - Fox Chapel Middle

2,418 No. of AP exams given in 2021 - 806 more than in 2020!

1,466 Students enrolled in Advanced Placement courses

29 No. of students graduating with their AA degree in 2021

MIDDLE SCHOOL COLLEGE READINESS

Increased significantly from 52% in 2018-2019 to 69% in 2020-2021.

52% **69%**

598 Middle school students enrolled in Pre-AP courses

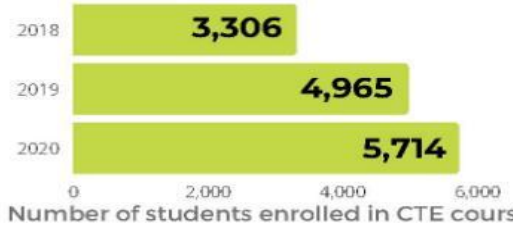
573 Students enrolled in AICE Program

33 Students earning an AICE Diploma in 2021

307 Students enrolled in IB

45 Students earning an IB Diploma in 2021

CAREER & TECHNICAL EDUCATION



Number of students enrolled in CTE courses!

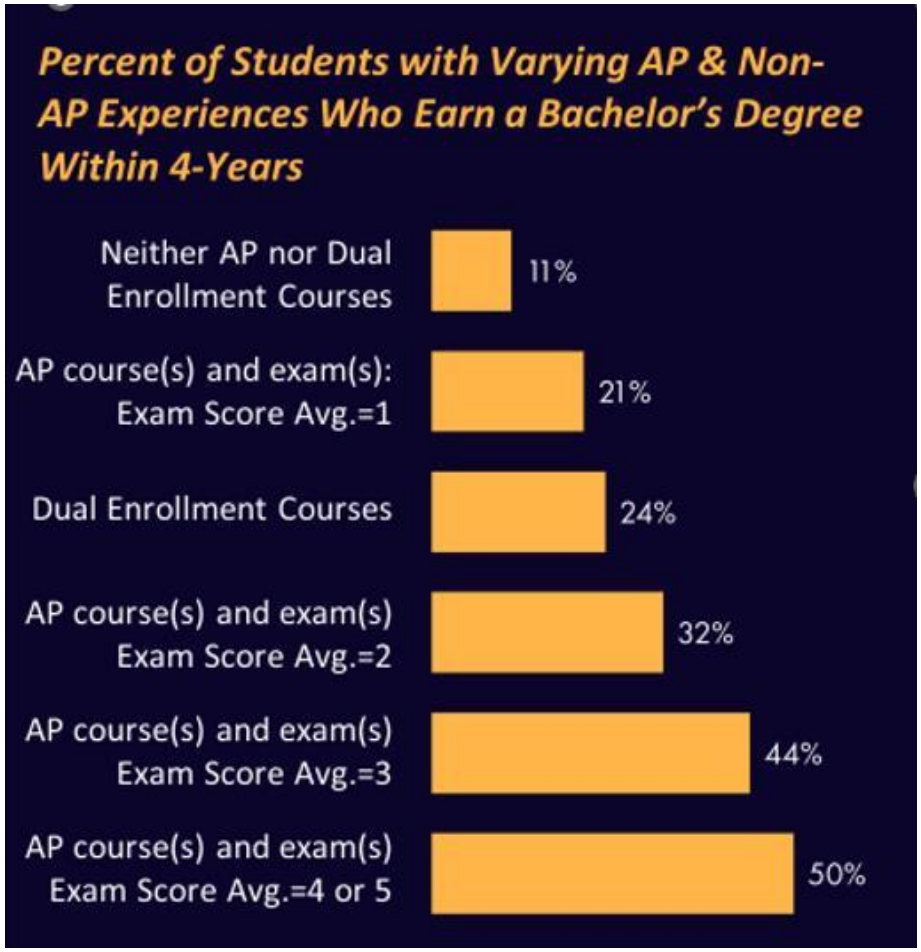
STATE SUPPORT

$350,000
To expand Criminal Justice Program and create direct pathways to careers in law enforcement.

$9.3 Million
To build a technical college and offer more adult education and training opportunities in high-demand, high-wage careers.

EQUAL OPPORTUNITY SCHOOLS

Access & Opportunity Matter



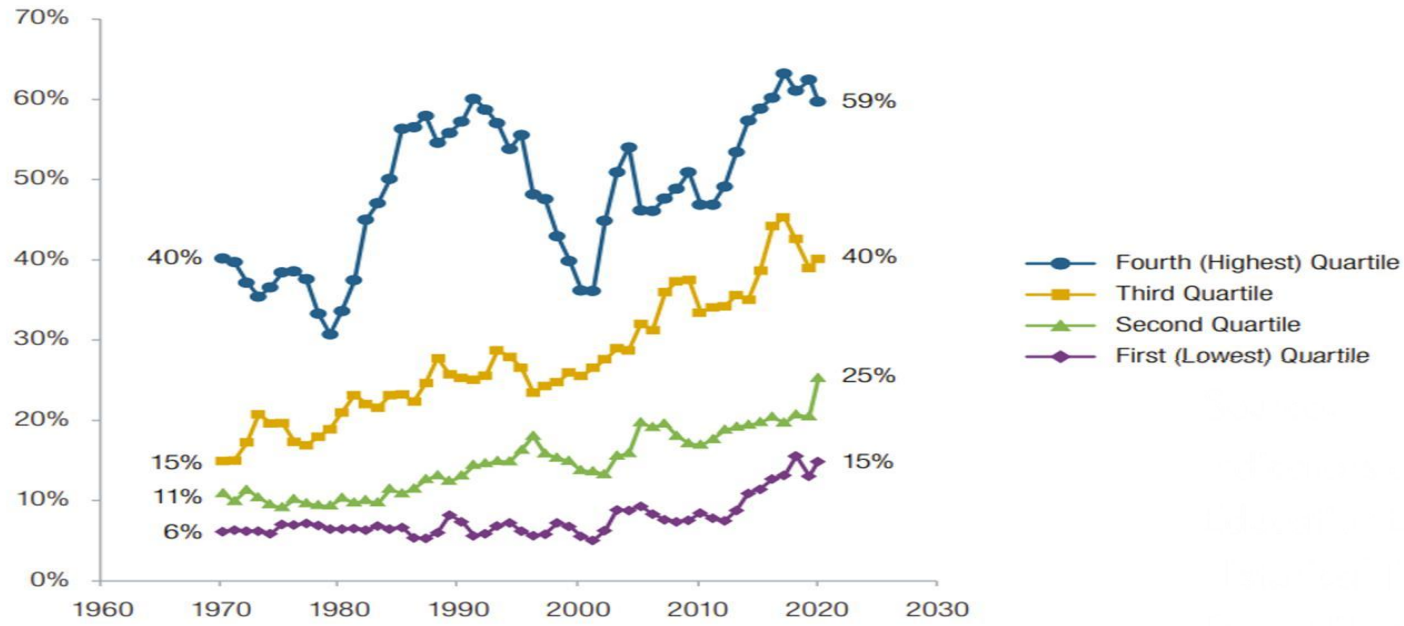
CollegeBoard

Students scoring 2+ on AP Exam nearly 3x more likely to earn a bachelor's degree in 4 years

EQUAL OPPORTUNITY SCHOOLS

Access & Opportunity Matter

Equity Indicator 5a(i): Estimated bachelor's degree attainment by age 24 for dependent family members by family income quartile: 1970 to 2020



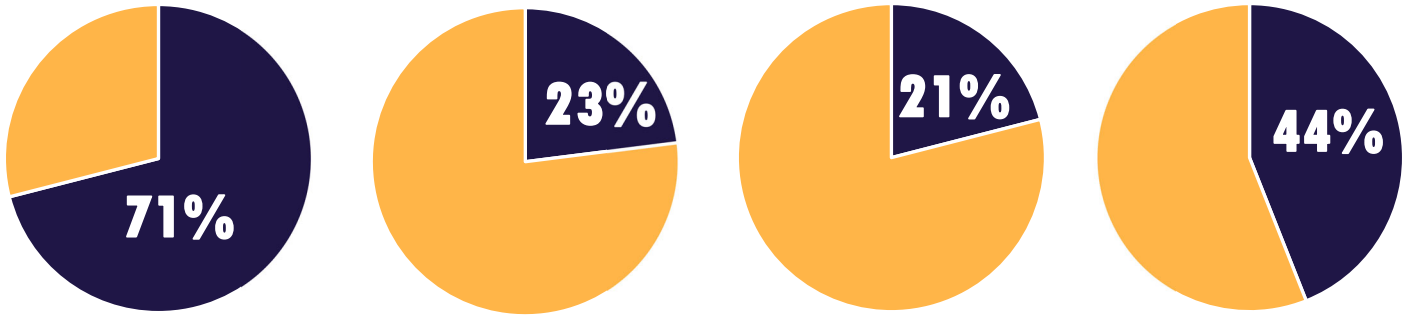
Source:
Indicators of Higher Education Equity: 2022 Historical Trend Report The Pell Institute for the Study of Opportunity in Higher Education.

EQUAL OPPORTUNITY SCHOOLS

IN THE UNITED STATES

THERE IS A GAP FOR BLACK & HISPANIC STUDENTS IN COLLEGE COMPLETION

25–29-year-olds in the United States that have attained a bachelor's degree or higher as of 2018



McFarland, J., Hussar, B., Zhang, J., Wang, X., Wang, K., Hein, S., Diliberti, M., Forrest Cataldi, E., Bullock Mann, F., and Barmer, A. (2019). The Condition of Education 2019 (NCES 2019-144). U.S. Department of Education. Washington, DC: National Center for Education Statistics. Retrieved [9/10/19] from https://nces.ed.gov/ pubsearch/pubsinfo.asp?pubid=2019144.

2. Students' College and Career Aspirations

Studies show that students' personal education aspirations in high school are important predictors of college degree attainment.(1)

Both aspirations for college (2) and attainment of college degrees (3) have increased in recent decades among all students. Recent figures show that nationally 56% of 9th graders expect to earn at least a bachelor's degree, and 36% of 25-29 year-olds have completed a bachelor's degree.

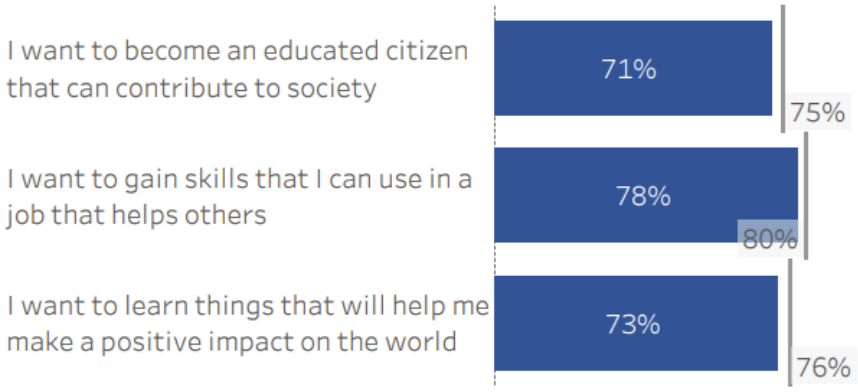
82% of students want to obtain a two-year, four-year, or advanced college degree.

83% across EOS portfolio

Students Aspire to Go to College Based on Personal and Altruistic Aspirations

Reference line is EOS portfolio average

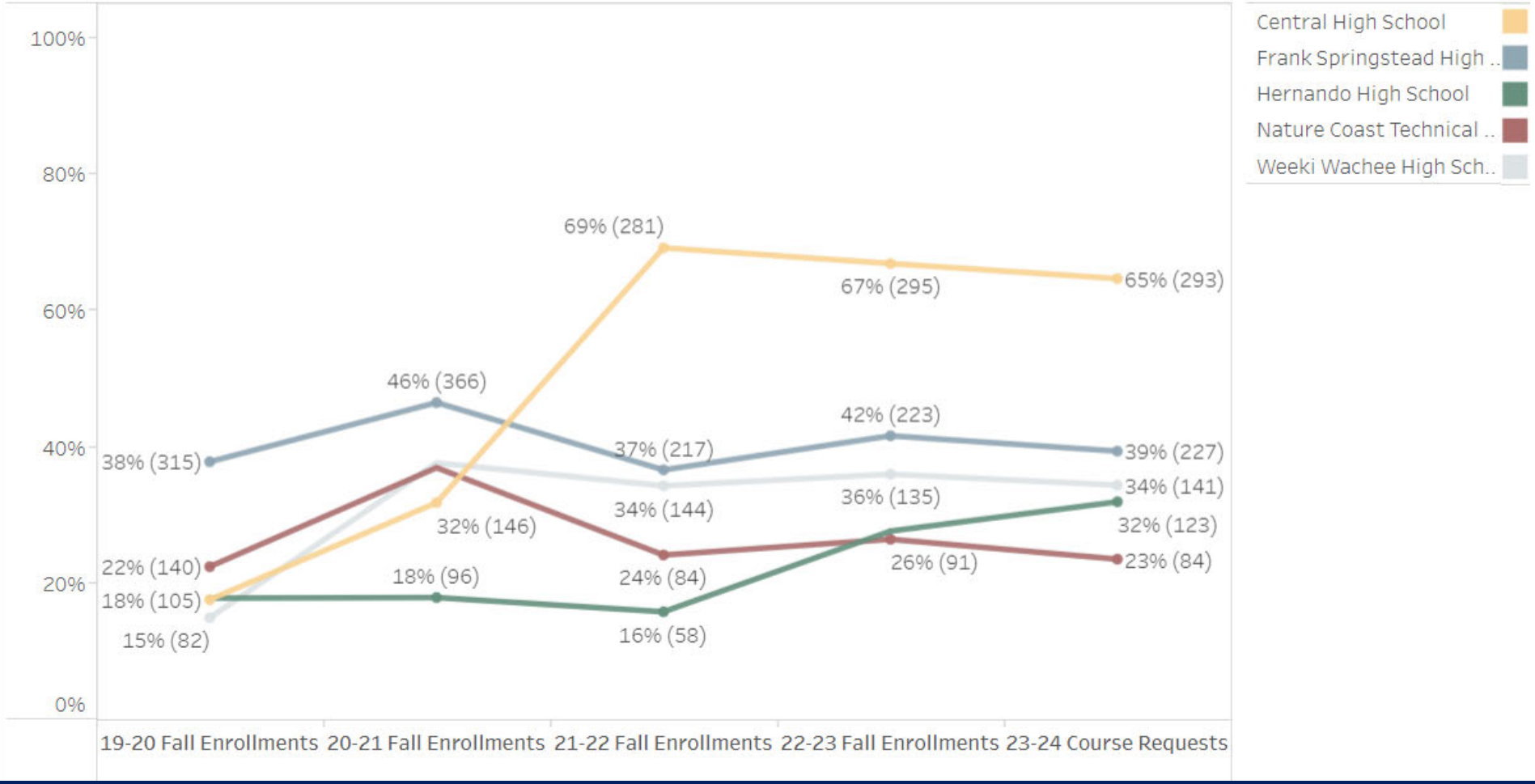
"True" or "Completely True" responses; n = 4,183

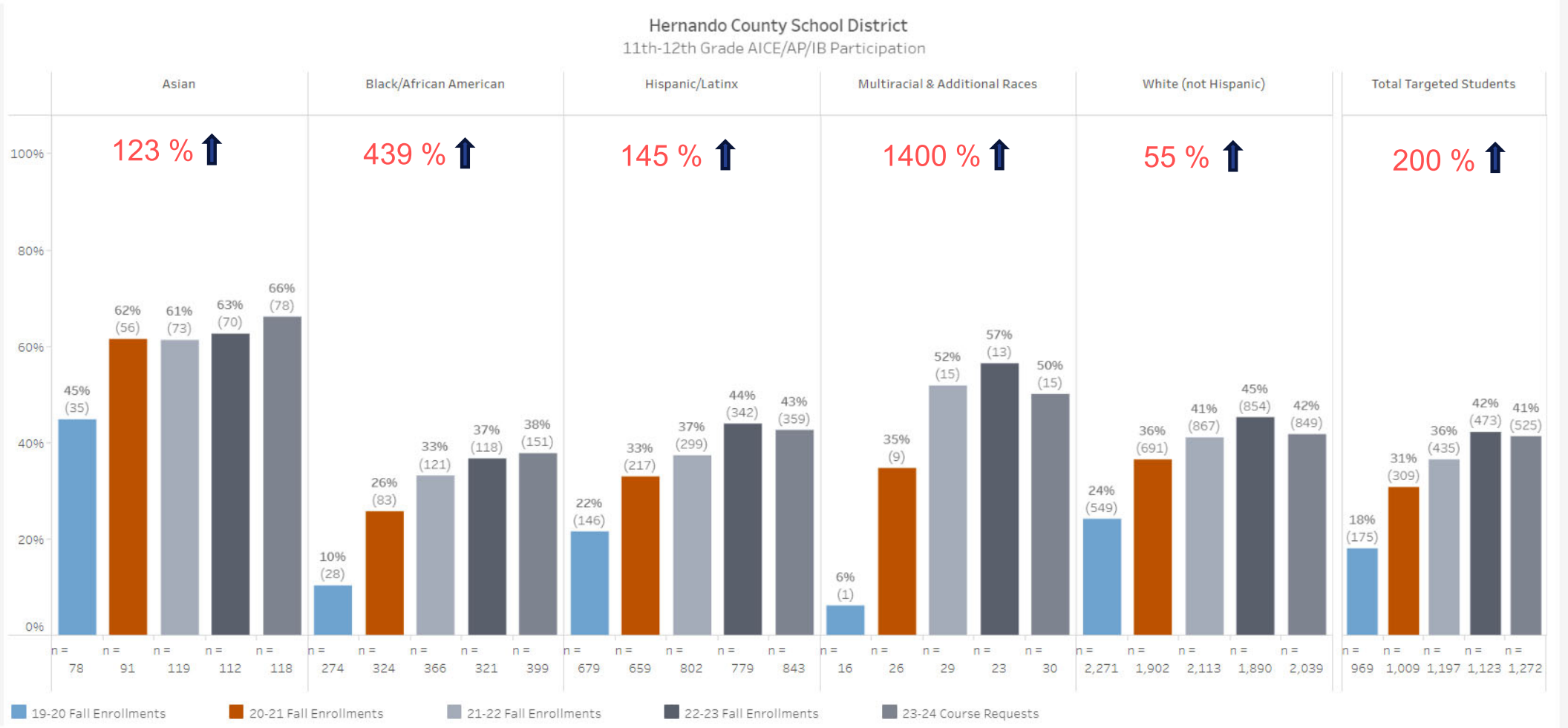


Hernando County School District

11th-12th Grade AICE/AP/IB Participation

Students included: Students of Color & Low-Income Students




Hernando County School District
11th-12th Grade AICE/AP/IB Participation
Asian
Black/African American
Hispanic/Latinx
Multiracial & Additional Races
White (not Hispanic)
Total Targeted Students
123 %
439 %
145 %
1400 %
55 %
200 %
100%
80%
60%
40%
20%
0%
45% (35)
62% (56)
61% (73)
63% (70)
66% (78)
10% (28)
26% (83)
33% (121)
37% (118)
38% (151)
22% (146)
33% (217)
37% (299)
44% (342)
43% (359)
6% (1)
35% (9)
52% (15)
57% (13)
50% (15)
24% (549)
36% (691)
41% (867)
45% (854)
42% (849)
18% (175)
31% (309)
36% (435)
42% (473)
41% (525)
n = 78
n = 91
n = 119
n = 112
n = 118
n = 274
n = 324
n = 366
n = 321
n = 399
n = 679
n = 659
n = 802
n = 779
n = 843
n = 16
n = 26
n = 29
n = 23
n = 30
n = 2,271
n = 1,902
n = 2,113
n = 1,890
n = 2,039
n = 969
n = 1,009
n = 1,197
n = 1,123
n = 1,272
19-20 Fall Enrollments
20-21 Fall Enrollments
21-22 Fall Enrollments
22-23 Fall Enrollments
23-24 Course Requests

Using a comprehensive set of student-level data points, we identify students who should be in advanced classes, but are not.

EQUAL OPPORTUNITY SCHOOLS

LEARNING MINDSETS

Academic Identity
Community Leadership
Focus
Grit
Growth Mindset
Purpose for Learning
Self-Efficacy

"What we need in education is a much better understanding of students from a motivational perspective, from a psychological perspective."
~Angela Duckworth

EQUAL OPPORTUNITY SCHOOLS

EXISTING BARRIERS

Adult Encouragement
Benefits
General Knowledge
School Access
Welcome

"But what if doing well in school and in life depends on much more than your ability to learn quickly and easily."
~Angela Duckworth

STUDENT INSIGHT CARD 2022-23

[redacted]

11th Grader, Hernando High School (HHS)

Education Goal Advanced degree (master's, doctorate, or other)

Career Interest Military

Trusted Adults HERMAN SCRIVEN
STEPHEN STOKES

Study Skills Support STEPHEN STOKES
SRINIVAS ANDALAM MANOHAR

Staff Advocates 🍎🍎🍎🍎🍎

Curriculum Program Interest Science (e.g. biology, chemistry, physics)

General Interest Art (e.g. drawing, art history), History, Math, Science

GPA 3.79 ★ Comparable

Learning Mindsets and Skills

Academic Self
Academic Strategies
Community Leadership
Focus
Grit
Growth Mindset
Purpose for Learning
Self Efficacy

Other Readiness Indicators:

- Would consider taking AICE/AP/DC/DE

Reported Barriers

Adult Encouragement Barrier
College Belonging Barrier
School Access Barrier
Welcome Barrier

Hasn't enrolled in AICE/AP/DC/DE because:

- I don't think I can be successful/get a good grade
- I have competing priorities in my schedule (for example: sports, band, CTE) that prevent me from taking AICE/AP/DC/DE classes
- Other

Test Scores

EOC Geometry

Max: 5

★ = Comparable

Comments

Who I am as a student: - I figure out whatever it takes to get good grades. - I appreciate learning for learning's sake. - Getting the best grade is less important than feeling confident about what I've learned and how hard I've worked. - When I'm faced with a challenge, I push through to complete whatever I set my mind to. - I have found a subject that I'm really interested in learning about, and I focus my energy on that. - I am not really into high school; I have other priorities outside of school. - I've struggled with school in the past but know I can do better. My grades don't reflect my full potential.

Would like the school to know: That I have troubles on tests but I am a good student that always gets good grades and cant pass the stupid pert because a test "shows sooo much about a persons ability to do certain college clasess I belive I could take certain de classes and get an a all year but the pert test will not let me.

PDF

STUDENT INSIGHT CARD 2022-23

[redacted]

Insight | Interactions

10th Grader, Nature Coast Technical High School (NCTHS)

Education Goal High school diploma
Career Interest Film industries
Trusted Adults none
Study Skills Support none
Staff Advocates 🍎 🍎 🍎
Curriculum Program Interest History (e.g. European history, United States history, World history), Math (e.g. statistics, calculus)
General Interest History, Social Science (e.g. psychology, economics), World Languages & Cultures
GPA 2.29

Learning Mindsets and Skills

Academic Self
Academic Strategies
Community Leadership
Focus
Grit
Growth Mindset
Self Efficacy
Other Readiness Indicators:

- Would consider taking AICE/AP/DC/DE
- Feels classes are not adequate preparation for college

Reported Barriers

Adult Encouragement
General Knowledge
Hasn't enrolled in AICE/AP/DC/DE because:

- I am not sure I would have classmates to study with or partner with for projects
- I don't know any teachers who teach AICE/AP/DC/DE courses

More likely to take AICE/AP/DC/DE if:

- I knew that I would have classmates to study with or partner with for projects
- I would have access to help from students who took the class before
- I had more information about why I should take AICE/AP/DC/DE courses

Test Scores

[redacted] Comments

Who I am as a student: I'm a hard worker

Would like the school to know: the work is sometimes hard

When asked if there is anything they want the school to know?

"I wish they knew that I could work harder if I had harder classes." –Hernando County student