



Accelerated Programs Report

2017

Brevard Public Schools
Desmond K. Blackburn, Superintendent



SCHOOL BOARD OF BREVARD COUNTY

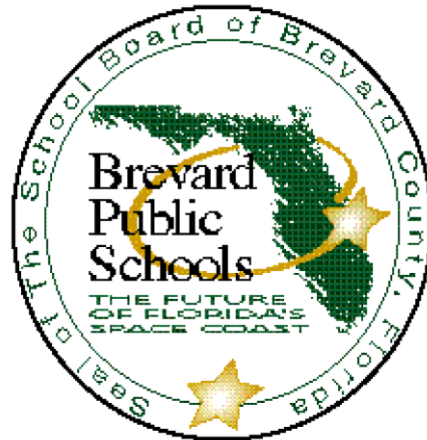
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Introduction

Brevard Public Schools offer several options for acceleration and post-secondary credit: the Advanced Placement (AP) Program, Dual Enrollment, the International Baccalaureate (IB) Program, and the Cambridge Advanced International Certificate of Education (AICE) Program. Most colleges and universities in the United States as well as many postsecondary schools throughout the world recognize AP, AICE, and IB exam results and award college credit or placement into higher-level college courses based upon students' success in these curricula. All Florida state colleges and universities award credit by examination equivalencies. The 2017 district test results for AP, IB and AICE are included in this report.

Advanced Placement (AP) is a series of college-level courses and examinations offered by the Advanced Placement Program and administered by the College Board. Course descriptions and course examinations are prepared by the College Board, and the examinations are administered at high school sites in May of each year. Students who successfully complete the course work in an AP course receive high school credit. Postsecondary credit for an AP course may be awarded to a student who scores a minimum of 3 on a 5-point scale on the corresponding AP exam. More than 2.3 million students have taken AP examinations in 19,000 schools world-wide. Most four-year colleges in the United States and colleges in more than 60 other countries give students credit, advanced academic status, or both on the basis of AP exam scores. Fifteen of the district's sixteen high schools offer the Advanced Placement (AP) Program. The scores in this report reflect **only** those students who were enrolled in Advanced Placement, International Baccalaureate and Advanced International Certificate of Education courses in Brevard Public Schools. Starting in school year 2014-15, several Brevard County Schools offered the Advanced Placement Capstone Diploma.

The International Baccalaureate (IB) Program is an internationally recognized accelerated program in which students may earn college and university credits. The IB program is based in Geneva, Switzerland, serving students in 4,267 schools in 146 countries around the world. During the past year, IB students at both Cocoa Beach High School and Melbourne High School earned college credit through diplomas and through success on examinations.

The Advanced International Certificate of Education (AICE) Program is part of the University of Cambridge in Cambridge, England and operates in more than 12,000 schools in over 140 countries around the world. Students who are successful on their Cambridge examinations and students who earn AICE diplomas may earn post-secondary credit while still in high school. During the past year, AICE students at Eau Gallie High School, Heritage High School, and Rockledge High School earned credit through diplomas and through success on examinations.

Advanced Placement Results

There are 34 different AP courses that were offered in Brevard's high schools in 2016-17. The number of students taking these courses has increased from 3,770 in 2013 to 4,418 in 2017. The number of tests taken has also increased from 6,645 in 2013 to 7,938 in 2017. Minority participation has increased in the past five years from 1,001 candidates taking 1,614 tests in 2013 to 1,458 candidates taking 2,519 tests in 2017. As part of Brevard Public Schools' College and Career Readiness focus, AP is included as one of the rigorous course requirement options.

The AP students in Brevard Public Schools have achieved outstanding results in their coursework and exams during the 2016-17 academic year. The overall results of the Advanced Placement exams show that the percentage of Brevard students scoring 3 or higher is greater than the Florida state percentage. Brevard students outscored or equaled students in Florida and the world in 18 out of 34 subject area tests. The percentage of total tests scoring 3 or higher in Brevard was 57.3%. That is higher than the state percentage of 54.6%.

Students and their families benefit from enrollment and success in Advanced Placement courses in many important ways. They may earn credit, advanced standing, or both for college. They may earn scholarships, save money on college tuition, and even graduate early from college. Their success in Advanced Placement programs gives the students access to public and private universities as well as community colleges. AP courses are rigorous, challenging, and in-depth. The Advanced Placement program strengthens the link between high school and post high school education and encourages student achievement.

Executive Summary 2017

The Brevard Public Schools Accelerated Programs Report 2017 indicates positive performance in both the number of AP tests administered and in the percent of scores of 3 or above. The overall results are positive; however, specific areas of concern do exist. This executive summary succinctly illustrates the many strengths of the district, the areas of concern that must be addressed, and recommendations for further improvement.

Strengths

- The number of students participating in AP courses has increased from 3,770 in 2013 to 4,418 in 2017, an increase of 17.2%. Participation in AP has also increased as a percentage of total 9-12 student population from 15.9% in 2013 to 19.8% in 2017.
- A strong policy of open enrollment coupled with appropriate advising and counseling have maintained an appropriate balance between equity and access.
- The number of AP exams has increased from 6,645 in 2013 to 7,938 in 2017, an increase of 19.4%.
- The number of AP exams that earned scores of 3 or higher has increased from 4,175 in 2013 to 4,556 in 2017, an increase of 9.2%.
- The percentage of total tests scoring 3 or higher in Brevard was 57.3%. That is higher than the state percentage of 54.6%
- Even though Brevard students are required to participate in the assessment program if enrolled in the AP course, exam results for specific courses compare extremely well with the state and global percentage of students scoring 3 or higher.

Areas of Concern

- Some courses have a high percentage of students scoring a 1 on the exam district-wide: Human Geography-38.2%, Physics-1 34% and Computer Science A-53.5%.
- Teacher training for specific courses needs to be evaluated as indicated by courses with 10 or more students when the percentage of students scoring 3 or higher is less than the district and/or state percentage.
- Minority participation and performance continues to be a concern. The number of exams taken by Black students has increased slightly from 307 exams in 2013 to 309 exams in 2017. Their performance is lower than any other minority group and the percentage of exams earning 3 or higher by Black students decreased from 39.4% in 2013 to 27.9% in 2017.


Recommendations


The Brevard County Public School district strives to provide the best possible accelerated program through the Advanced Placement Program. Appropriate training for Advanced Placement teachers is offered through professional institutes, workshops, discussion groups, and teacher visits to successful programs. The following are recommendations for further improvement:

- Provide appropriate advisement and counseling concerning enrollment in an AP course to ensure the program's success. However, the final decision on AP course enrollment belongs to the parent and student.
- Focus on the identification of minority students with a focus on Black students in order to decrease the equity gap that now exists.
- Prepare minority students for more rigorous coursework throughout their academic careers.
- Review and revise, when appropriate, the existing AP curriculum to align with the current College Board AP course descriptions, suggested syllabi, and testing criteria.
- Review teacher selection for courses where student performance is extremely low compared to the district.
- Encourage articulation among middle schools and high schools in developing Vertical Teams, and AVID strategies to begin preparation for AP at the middle school and early high school levels.
- Provide teacher in-service training in specific courses where percentage scoring 3 or higher is below district-wide performance.
- Establish discussion groups or planning teams for teachers in the district teaching the same AP course.
- Utilize the *AP Instructional Planning Report* and *AP Policies and Procedures Handbook* to identify strengths and weaknesses in the AP classroom instruction.
- Make use of valuable College Board resources provided on www.collegeboard.com. AP Central provides course descriptions for all subject areas, teacher's guides, sample syllabi, and released exams.
- Solicit teachers to become involved in the AP examination reading process to gain insight regarding the exam grading process.
- Train counselors and teachers to utilize assessment data and AP potential to recommend individual AP course selection(s) based upon data from the PSAT as available.
- Hold parent and student informational meetings about the benefits of Advanced Placement coursework for BPS students.
- Use Khan Academy resources for AP courses.
- Suggest school improvement plans address the following:
 - a. areas of achievement below state averages
 - b. increased enrollment of underrepresented populations
 - c. increased overall enrollment in AP courses
 - d. utilization of teacher training and other strategies to improve results in specific courses

Percentage of Scores 3 or Higher by School and Subject as Compared to State 2017

SUBJECT	Astronaut	Bayside	Cocoa	Cocoa Beach	+ Eau Gallie	Edgewood	Melbourne	Merritt Island	Palm Bay	+ Rockledge	Satellite	Space Coast	Titusville	Viera	West Shore
Art History							L								
Biology	L	H				H	H	L	L			L		H	H
Calculus AB	L	L	L	L		H	H	L	L		H	L	H	H	H
Calculus BC	L	L		L		H	H	L	L	L	H			H	H
Capstone Research	H	H				L		H			L	L	L	H	H
Capstone Seminar	H	H				H		L	L		H	L	L	H	H
Chemistry		H		H		H	H	L				L		L	H
Comparative Gov't & Politics													L	L	
Computer Science A						L									H
Computer Science Principles		L					H		H				H		H
English Language	H	L	L	H		H	H	H	L		H	H	L	H	H
English Literature	H	H	L	L		H	H	H	L		H	H	L	H	H
Environmental Science	H						H				L	H	H	H	H
European History				H		H	L	L							
French															H
Human Geography		L	L	H		H	H	L	L			L	L	H	H
Latin															L
Macroeconomics						H		L	H						L
Microeconomics						H	H	L	L						L
Music Theory						L		H	L		H		H	H	H
Physics 1		H	L	H		H	L	L	L		H		H	L	H
Physics 2		L												L	H
Physics C: Electricity & Magnetism				H											
Physics C: Mechanics		L		H		H	H		L						
Psychology	L	L		H		H	H	L	L		H	L		H	H
Spanish Language				H		H		L	H					H	L
Spanish Literature						H								H	
Statistics	H			H		H	H	L	L		H	H		H	H
Studio Art: 2-D Design Portfolio	H					H	H		H			H		H	H
Studio Art: 3-D Design Portfolio															H
Studio Art: Drawing Portfolio						H	H		H	L	H				L
U.S. Government & Politics	L			L		H	L	H	L		H		H	H	H
U.S. History		L	L	H		H	H	L	L		L		H	L	H
World History		L	L			H	H		L		H		H		H

H = school's percent of 3+ is higher than the state's percentage of 3+  = fewer than 10 students taking subject

L = school's percent of 3+ is less than the state's percentage of 3+  = no enrollment in the subject

- In 59.5% of the 190 courses with 10 or more students enrolled the percentage of Brevard students scoring 3 or higher exceeded the state percentage.

+ AICE School

Access/Participation in AP Program

Brevard Public Schools

Increased access/participation in the AP program continues to be a district priority in Brevard Public Schools. The district's *College and Career Readiness* initiative focuses on rigorous course requirements. In addition, participation in AP courses is important for college admission in the Florida State University System. Data also indicates that students who take two or more Advanced Placement classes are more likely to graduate from college in four years or less (U. S. Department of Education).

Participation increased between 2015-16 and 2016-17.

AP Participation

School	% 9-12 school enrollment taking AP Tests 2016	% 9-12 school enrollment taking AP Tests 2017	Change in % 9-12 school enrollment taking AP Tests
Astronaut High	16.4%	15.7%	- 0.7%
Bayside High	15.9%	20.3%	4.5%
Cocoa Beach Jr. Sr. High	41.4%	50.2%	8.8%
Cocoa High	21.3%	15.1%	-6.2%
Eau Gallie High*	0.6%	0%	- 0.6%
Edgewood High	80.9%	82.6%	1.7%
Melbourne High	20.6%	20.5%	- 0.1%
Merritt Island High	23.5%	21.2%	- 2.3%
Palm Bay Magnet High	20.6%	21.6%	1%
Rockledge High*	0.9%	0.9%	0%
Satellite High	21.7%	23.8%	2.1%
Space Coast Jr. Sr. High	15.1%	14.9%	- 0.2
Titusville High	16.1%	19.4%	3.3%
Viera High	28.2%	30.6%	2.4%
West Shore Jr. Sr. High	73.3%	77.9%	4.6%

* Denotes an AICE school

AP Course Offerings

School	# AP courses offered in 2016	# AP courses offered in 2017	Changes in # of AP courses offered
Astronaut High School	13	12	-1
Bayside High School	17	15	-2
Cocoa Beach Jr/Sr High School	12	15	3
Cocoa High School	9	7	-2
Eau Gallie High School*	1	0	-1
Edgewood Jr/Sr High School	22	25	3
Melbourne High School	20	20	0
Merritt Island High School	23	22	-1
Palm Bay Magnet High School	19	21	2
Rockledge High School	1	1	0
Satellite High School	15	16	1
Space Coast Jr/Sr High School	11	10	-1
Titusville High School	15	14	-1
Viera High School	20	20	0
West Shore Jr/Sr High School	25	28	3

Number of AP Tests, Performance, and AP Diplomas

School	Number of Tests	Total Scoring 3+	AP Diplomas Earned	AP Capstone Diplomas Earned
Astronaut High School	259	157	7	6
Bayside High School	459	191	13	10
Cocoa Beach Jr/Sr High School	541	307	18	*
Cocoa High School	171	22	0	*
Eau Gallie High School+	0	0	+	*
Edgewood Jr/Sr High School	1181	815	54	13
Heritage+	0	0	+	*
Melbourne High School	709	459	19	*
Merritt Island High School	613	288	11	3
Palm Bay Magnet High School	574	183	6	0
Rockledge High School+	13	4	+	*
Satellite High School	501	327	14	1
Space Coast Jr/Sr High School	199	87	5	2
Titusville High School	289	138	12	1
Viera High School	1262	695	36	27
West Shore Jr/Sr High School	1167	883	65	42
Grand Total	7938	4556	260	105

+ AICE school

* Does not offer AP Capstone Diploma

District Test Results

2017

District Test Results 2017

There were 4,418 students who took 7,938 Advanced Placement tests in Brevard in May of 2017, representing 20.4% of total 9-12 student enrollment. Scores of 3 or better were reported on 4,556 tests, representing 57.3% of the tests taken, resulting in approximately 729 additional FTE units for the district. Funds are used primarily to provide additional teaching units, AP tests, and teacher bonuses. When available, funding is provided for supplies and materials for AP teachers.

DISTRICT 4418 STUDENTS, 20.4% OF TOTAL 9-12 ENROLLMENT								
Test Name	# Tested	5	4	3	2	1	# 3+	% 3+
Art History	27	0	1	2	8	16	3	11.1%
Biology	235	16	43	98	69	9	157	66.8%
Calculus AB	436	70	74	101	112	79	245	56.2%
Calculus BC	181	56	37	45	30	13	138	76.2%
Capstone Research	175	29	33	71	38	4	133	76%
Capstone Seminar	277	16	29	195	30	7	240	86.7%
Chemistry	131	14	11	41	48	17	66	50.4%
Comparative Gov't & Politics	57	11	12	10	18	6	33	57.9%
Computer Science A	37	2	8	14	4	9	24	64.9%
Computer Science Principles	148	14	31	76	17	10	121	81.8%
English Language	869	76	175	285	258	75	536	61.7%
English Literature	569	44	102	192	184	47	338	59.4%
Environmental Science	136	18	41	26	34	17	85	62.5%
European History	92	3	21	25	33	10	49	53.7%
French	10	1	1	7	1	0	9	90%
Human Geography	739	58	125	144	130	282	327	44.3%
Latin	2	0	0	0	1	1	0	0%
Macroeconomics	163	21	42	35	30	35	98	60.1%
Microeconomics	268	35	71	62	38	62	168	62.7%
Music Theory	69	10	14	20	14	11	44	63.8%
Physics 1	421	10	47	80	141	143	137	32.5%
Physics 2	75	9	9	28	22	7	46	61.3%
Physics C: Elect & Mag	2	0	2	0	0	0	2	100%
Physics C: Mechanics	33	9	13	5	4	2	27	81.8%
Psychology	683	114	162	156	97	154	432	63.3%
Spanish Language	99	27	32	30	9	1	89	89.9%
Spanish Literature	9	4	5	0	0	0	9	100%
Statistics	265	40	34	73	67	51	147	55.5%
Studio Art: 2D Design Portfolio	50	8	16	25	1	0	49	98%
Studio Art: 3D Design Portfolio	1	0	0	1	0	0	1	100%
Studio Art: Drawing Portfolio	27	7	6	12	2	0	25	92.6%
U.S. Government & Politics	556	22	57	164	170	143	243	43.6%
U.S. History	721	50	111	171	193	196	332	46.1%
World History	375	18	77	108	125	47	203	54.1%
TOTALS	7938	812	1442	2302	1928	1454	4556	57.3%
PERCENTAGES		10.2%	18.2%	28.9%	24.3%	18.3%		

District Test Results 2013 – 2017

There has been an 18% increase in the number of students participating in the AP program from 2013 with an increase of 19.6% in the number of AP exams taken. The number of exams scoring 3 or higher in 2017 was 4556, an increase of 9.1% from 2013. The number of exams scoring 3 or better has increased 6.7% from last year.

	2013	2014	2015	2016	2017
Number of Tests	6645	6752	7064	7592	7938
Number of Students	3770	3777	3937	4156	4418
Number of Scores 3 and Above	4175	4162	4146	4271	4556
% of Tests Scoring 3 and Above	62.8%	61.6%	58.7%	56.3%	57.3%

District, State, & Global Test Results: Percent of Scores 3 or Better by Subject 2017

In 2017, Brevard exceeded the state and global percentage of 3 or better in the following subjects with 10 or more students: Biology, Calculus AB, Capstone Research, Capstone Seminar, Computer Science Principles, English Language, English Literature, Environmental Science, French, Macroeconomics, Music Theory, Physics C: Mechanics, Statistics, Studio Art: 2-D and Studio Art: Drawing.

SUBJECT	District # of Tests	District %	State %	Global %
Art History	27	11.1%	55.5%	61.2%
Biology	235	66.8%	57.7%	64.1%
Calculus AB	436	56.2%	55.6%	49.2%
Calculus BC	181	76.2%	79.1%	80.6%
Capstone Research	175	76%	62.6%	68.8%
Capstone Seminar	277	86.7%	78.4%	85.4%
Chemistry	131	50.4%	43.9%	52.5%
Comparative Government & Politics	57	57.9%	60.7%	68.1%
Computer Science A	37	64.9%	51.7%	70.5%
Computer Science Principles	148	81.8%	59.6%	69.9%
English Language	869	61.7%	53.1%	55%
English Literature	569	59.4%	44.4%	52.5%
Environmental Science	136	62.5%	42.9	49.4%
European History	92	53.7%	55.5%	56.1%
French	10	90%	69.4%	74.2%
Human Geography	739	44.3%	40.4%	48.9%
Latin	2	0%	37.7%	87.9%
Macroeconomics	163	60.1%	43.5%	56.5%
Microeconomics	268	62.7%	50.6%	69.6%
Music Theory	69	63.8%	51%	60.8%
Physics 1	421	32.5%	37.4%	41.8%
Physics 2	75	61.3%	61.9%	63.7%
Physics C: Electricity & Magnetism	2	100%	63.8%	71.5%
Physics C: Mechanics	33	81.8%	71.5%	79.5%
Psychology	683	63.3%	55.9%	64.2%
Spanish Language	99	89.9%	91.2%	87.9%
Spanish Literature	9	100%	79.8%	73.8%
Statistics	265	55.5%	39%	54.2%
Studio Art: 2-D Design Portfolio	50	98%	84.9%	84.7%
Studio Art: 3-D Design Portfolio	1	100%	71%	71.6%
Studio Art: Drawing Portfolio	27	92.6%	81.8%	85.1%
U.S. Government & Politics	556	43.6%	37.8%	49.3%
U.S. History	721	46.1%	44.8%	50.9%
World History	375	54.1%	48.9%	55%
Grand Total	7938			

District, State & Global Test Results: Percent of Scores 3 or Better by Subject 2013-2017

The chart below shows Brevard, state, and global percentages of exams by subject with scores of 3 or better over the last five years. Areas of improvement from 2013 to 2017 are Biology, Computer Science A, Environmental Science, Macroeconomics, Music Theory, Physics C: Mechanics, Spanish Language, Studio Art: 2D, Studio Art: Drawing, World History.

SUBJECT	2013			2014			2015			2016			2017		
	District	State	Global	District	State	Global	District	State	Global	District	State	Global	District	State	Global
Art History	37.5%	52.5%	60.6%	31.4%	47.4%	59.6%	21.1%	49.9%	57.5%	25%	54.9%	61.3%	11.1%	55.5%	61.2%
Biology	65.5%	53.3%	63.3%	62.5%	58.4%	64.2%	61.9%	59.2%	64.4%	51.4%	54.4%	61.1%	66.8%	57.7%	64.1%
Calculus AB	69%	55.9%	59.4%	74.4%	54.9%	58.9%	65.2%	55.2%	57.4%	69.1%	59%	59.5%	56.2%	55.6%	49.2%
Calculus BC	82.9%	81.2%	80%	89.1%	79.9%	81.1%	83.6%	77.8%	79.7%	70.8%	79.3%	81.1%	76.2%	79.1%	80.6%
Capstone Research										71.8%	58.7%	66.8%	76.9%	66.6%	69.8%
Capstone Seminar							82.9%	67.4%	74.1%	78.8%	63.3%	71.8%	86%	78.4%	85.4%
Chemistry	69.1%	46.9%	59.2%	51.6%	41.2%	52.8%	43.6%	41.7%	53.5%	47.5%	44%	53.6%	50.3%	43.9%	52.5%
Comparative Gov't & Politics	64%	40.5%	59.8%	74.6%	42.7%	61.9%	66.3%	40.1%	56.7%	81.5%	55.2%	62.2%	57.8%	60.7%	68.1%
Computer Science A	34.1%	44%	67.2%	48.1%	42.7%	61.3%	43%	45.7%	64.3%	30.7%	44.1%	64.5%	64.9%	51.7%	70.5%
Computer Science Principles													81.8%	59.6%	67.9%
English Language	68.7%	50.2%	55%	66.7%	50.3%	55.8%	59.8%	52.3%	55.5%	61.8%	52.9%	55.3%	61.7%	53.1%	55%
English Literature	68.5%	52.2%	57.9%	58.5%	51.2%	55%	63.3%	53.2%	56.2%	59%	52.1%	54.6%	59.4%	44.4%	55.5%
Environmental Science	63.9%	38.7%	48.2%	55%	38.2%	47.3%	60.6%	40.3%	47%	57.4%	36.2%	45.6%	62.5%	42.9%	49.4%
European History	62.7%	58.9%	64%	56.6%	55%	59.5%	60.7%	58.5%	63.2%	54.9%	50.4%	52.5%	53.3%	55.5%	56.1%
French	66.7%	69%	77.6%	60%	65.8%	77.4%	66.7%	65.7%	75.5%	100%	64.1%	76%	90%	69.4%	74.2%
German		65.4%	77.4%		63.8%	72.9%		67%	76.5%	0%	65%	70.7%			
Human Geography	48.3%	41.7%	53%	61%	41.4%	51.9%	49.2%	45.5%	53.8%	43.8%	43%	51.9%	44.2%	40.4%	48.9%
Latin		50.8%	66.7%		46.9%	65.8%	0%	41.8%	63.6%	100%	52.5%	65.6%	0%	37.7%	87.9%
Macroeconomics	57.3%	37.4%	54.4%	61%	40.9%	57.9%	49.6%	37.9%	54.5%	41.7%	44%	57.1%	60.1%	43.5%	56.5%
Microeconomics	64.7%	43.9%	66.7%	61.9%	44.8%	65.5%	58%	47.8%	67.2%	52.3%	47.2%	67.3%	62.7%	50.8%	69.6%
Music Theory	58.7%	45.3%	61%	58.6%	51.7%	62.6%	71.3%	49.2%	60.9%	54.5%	47.6%	59.5%	63.8%	50%	60.8%
Physics 1							47.5%	34%	39.4%	31.6%	34.7%	39.7%	32.5%	37.4%	41.8%
Physics 2							64.3%	50.3%	55.7%	54.8%	55.2%	61.4%	61.3%	60.9%	63.7%
Physics C: Electricity & Mag	44.7%	55.1%	69.6%	46.7%	57.6%	70.9%	66.7%	56.5%	68.6%	75%	62.7%	70.6%	100%	63.8%	71.5%
Physics C: Mechanics	79.3%	64.6%	74.7%	49.5%	66.8%	76.7%	72.2%	70.3%	77.9%	68%	70.3%	77.4%	81.8%	74.5%	79.5%
Psychology	67.5%	56.1%	67.3%	59.2%	56.1%	65.5%	66.7%	58.8%	66.2%	60.8%	56.6%	64.2%	63.3%	55.9%	64.2%
Spanish Language	67%	77%	70.1%	93.9%	90.2%	88.9%	93.5%	93.2%	89.7%	86.4%	92.3%	89%	89.9%	92.2%	87.9%
Spanish Literature	75%	77.9%	76.5%	100%	78%	74.5%	83.3%	77.1%	73%	66.7%	80.9%	69.9%	100%	79.8%	73.1%
Statistics	65.2%	42.5%	57.9%	74.7%	45.1%	59.6%	62.7%	43.9%	57.7%	67%	47.5%	60.9%	55.5%	39%	54.2%
Studio Art: 2-D Design Portfolio	90.9%	77.8%	78.7%	74.4%	78.2%	78.2%	84.3%	79.1%	77.5%	90%	82.2%	82.1%	98%	84.9%	84.7%
Studio Art: 3-D Design Portfolio	71.4%	65.7%	68%	27.3%	59.4%	67.2%	43.8%	69.4%	72%	40%	69.1%	74.6%	100%	71%	71.6%
Studio Art: Drawing Portfolio	85.7%	76.2%	78%	81.5%	76.5%	77%	81%	75.3%	77.5%	100%	77.5%	82.6%	92.6%	81.8%	85.1%
U.S. Government & Politics	66.4%	35.5%	51.6%	61.2%	36.9%	50.7%	51.8%	34.3%	48%	57.4%	39.8%	50.7%	43.6%	37.8%	49.3%
U.S. History	55.6%	41.9%	53.8%	56.1%	41.7%	52.4%	48.1%	43.1%	51.1%	49.3%	45.6%	52.4%	47.4%	44.8%	55.9%
World History	35.9%	37.3%	48.9%	58.3%	45.5%	54.5%	53.9%	46%	52.1%	53.1%	44.5%	51.6%	54.9%	48.9%	55%

District Test Results by Gender 2017

The tables below show the 2017 Advanced Placement participation and test results by gender. In terms of participation in AP, female students outnumber males 54.1% to 45.9% and have a higher number of exams taken. Male students have a higher percentage of exams scoring 3 or higher.

Gender	Number of Candidates	Number of Tests	Percent 3 and Above
Male	2028	3756	60.3%
Female	2390	4182	54.7%
TOTALS	4418	7938	57.3%

District Test Results by Gender 2013-2017

Over the past five years, the number of tests taken by females has increased from 3,092 tests in 2013 to 3,758 in 2017 which is an increase of 17.9%. The number of tests taken by males over the past five years has increased from 3,553 tests to 4,188 tests which is an increase of 21.5%

Gender	2013		2014		2015		2016		2017	
	# of Tests	% 3 +	# of Tests	% 3 +	# of Tests	% 3 +	# of Tests	% 3 +	# of Tests	% 3 +
Male	3092	65.9%	3199	64.3%	3297	60.1%	3605	58.4%	3756	60.3%
Female	3553	60.5%	3553	59.2%	3767	57.5%	3987	54.4%	4182	54.7%

District Test Results by Grade Level 2017

The tables below show the AP test results by grade level. While the majority of tests were taken by 11th and 12th graders, some subjects such as US History and World History are well-suited to the 10th grade population. The majority of 9th graders were enrolled in Human Geography.

Grade	Number of Candidates	Number of Tests	Percent 3 and Above
9 th	635	644	43.5%
10 th	1015	1268	55.7%
11 th	1508	3208	57.4%
12 th	1260	2818	61.9%
Grand Total	4418	7938	57.3%

District Test Results by Grade Level 2013- 2017

The number of AP tests taken by 9th, 10 and 11th grade students has increased in 2017. The performance of 10th and 12th grade students has improved between 2016 and 2017.

Grade	2013		2014		2015		2016		2017	
	# of Tests	% 3 +	# of Tests	% 3 +	# of Tests	% 3 +	# of Tests	% 3 +	# of Tests	% 3 +
9 th	491	40.5%	513	50.7%	508	50.2%	561	44.6%	644	43.5%
10 th	1074	61.9%	1006	56.4%	1240	53.3%	1337	52%	1268	55.7%
11 th	2648	66.2%	2653	65.7%	2743	57.9%	3253	58.6%	3208	57.4%
12 th	2463	64.6%	2490	62.6%	2573	63.8%	2441	58.2%	2818	61.9%
Not Stated	89	53.9%	100	40%						

District Test Results by Ethnicity as Reported by College Board 2017

Of the 4,418 AP candidates, 1,385 or 31.3% identified themselves as minority students. The distribution of ethnic groups participating in AP courses is shown below. Asian students account for 5.7%, Blacks students 4.9%, Hispanic students 14.6%, and Multi-Racial is 5.6%. Compared to the ethnic distribution of all Brevard high school students (Asian 2.7%, Black 14.3%, and Hispanic 11%), the AP program has a much higher representation of Asian students, a higher representation of Hispanic students and a dramatically lower representation of Black students.

Ethnicity	Number of Candidates	Number of Tests	Percent 3 and Above
American Indian	13	18	55.6%
Asian	250	552	72.3%
Black	215	309	27.9%
Hawaiian	10	10	40%
Hispanic	647	1126	54.9%
Multi-Racial	250	407	48.1%
N/A	69	88	44.9%
Other	4	9	55.6%
White	2960	5419	59.1%
Grand Total	4418	7938	57.3%

District Test Results for 5 Largest Ethnicity Groups as reported by College Board 2013-2017

The participation of all minority students has increased over the last five years. Exams taken by Black students increased slightly from 307 to 309 from 2013 to 2017; however, their tests which earned a score of 3 or better decreased from 39.4% to 27.9%. This number remains low in comparison to other ethnic groups. Hispanic students have almost doubled their participation since 2013, but their performance has dropped from 57.8% of tests scoring 3 or above to 54.9%. White students have increased in participation and continue to be the largest group while their performance has decreased from 64.6% of tests scoring 3 or above in 2013 to 59.1% in 2017. The category Multi-Racial has only been available for students to choose since 2015 and therefore can only be compared since 2015. That group has grown steadily both in participation and exams receiving 3 and above.

Ethnicity	2013		2014		2015		2016		2017	
	# of Tests	% 3 +	# of Tests	% 3 +	# of Tests	% 3+	# of Tests	% 3 +	# of Tests	% 3 +
Asian	487	65.4%	473	64.7%	583	63.8%	453	68.2%	552	72.3%
Black	307	39.4%	308	44.5%	401	40.9%	360	30%	309	27.9%
Hispanic (All)	640	57.8%	649	59.5%	781	56%	1086	52.8%	1126	54.9%
White	5031	64.6%	5008	63.3%	5174	60.3%	5203	58.3%	5419	59.1%
Mixed					108	39.8%	382	51%	407	48.1%

School Test Results

2017

Astronaut High**165 Students, 15.7% of Total 9-12 Enrollments**

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
Biology	24	1	0	9	9	5	10	41.7%
Calculus AB	1	0	0	0	0	1	0	0%
Calculus BC	17	0	1	6	6	4	7	41.2%
Capstone Seminar	32	0	1	28	3	0	29	90.6%
Capstone Research	13	3	3	7	0	0	13	100%
English Language	46	3	11	17	15	0	31	67.4%
English Literature	46	3	8	20	15	0	31	67.4%
Environmental Science	5	2	1	1	1	0	4	80%
Psychology	45	1	5	14	7	18	20	44.4%
Statistics	15	1	2	4	4	4	7	46.7%
Studio Art: 2-D Design Portfolio	1	0	0	1	0	0	1	100%
U.S. Government & Politics	14	0	1	3	4	6	4	28.6%
TOTALS	259	14	33	110	64	38	157	60.2%
PERCENTAGES		5.4%	12.7%	42.5%	24.7%	14.6%		

Bayside High**339 Students, 20.3% of Total 9-12 Enrollments**

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
AP Computer Sci Princ	21	0	1	6	5	9	7	33.3%
Biology	34	3	10	14	7	0	27	79.4%*
Calculus AB	27	0	2	2	6	17	4	14.8%
Capstone Research	15	3	3	7	2	0	13	86.7%
Capstone Seminar	20	0	1	18	0	1	19	95%
Chemistry	8	0	1	4	3	0	5	62.5%
English Language	35	1	7	9	12	6	17	48.6%
English Literature	23	1	1	9	11	1	11	47.8%
Human Geography	84	2	3	15	16	48	20	23.8%
Physics 1	20	1	6	8	5	0	15	75%
Physics 2	20	1	0	7	10	2	8	40%
Physics C: Mechanics	1	0	0	0	1	0	0	0%
Psychology	74	4	9	9	16	36	22	30.7%
U.S. History	67	0	9	11	32	15	20	29.9%
World History	10	0	2	1	7	0	3	30%
TOTALS	459	16	55	120	133	135	191	41.6%
PERCENTAGES		3.5%	12%	26.1%	29%	29.4%		

Cocoa Beach Jr/Sr

359 Students, 50.2% of Total 9-12 Enrollments

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
Calculus AB	12	1	1	3	4	3	5	41.7%
Calculus BC	16	7	1	2	5	1	10	62.5%
Chemistry	15	7	4	4	0	0	15	100%
English Language	55	9	17	16	9	4	42	76.4%
English Literature	55	0	3	11	27	14	14	25.5%
European History	46	0	14	13	14	5	27	58.7%
Human Geography	112	13	27	28	16	28	68	60.7%
Physics 1	26	3	2	9	9	3	14	53.8%
Physics C:Electricity and Mag.	2	0	2	0	0	0	2	100%
Physics C:Mechanics	1	1	0	0	0	0	1	100%
Psychology	39	10	12	9	7	1	31	79.5%
Spanish Language	14	1	3	9	1	0	13	92.1%
Statistics	29	0	2	12	12	3	14	48.3%
U.S. Government & Politics	69	0	3	3	18	45	6	8.7%
U.S. History	50	19	15	11	4	1	45	90%
TOTALS	541	71	106	130	126	108	307	56.7%
PERCENTAGES		13.1%	19.6%	24%	23.3%	19.9%		

Cocoa High**151 Students, 15.1% of Total 9-12 Enrollments**

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
Calculus AB	16	0	0	0	5	11	0	0%
English Language	19	0	0	3	13	3	3	15.8%
English Literature	22	0	0	6	11	5	6	27.3%
Human Geography	47	0	1	2	7	37	3	6.4%
Physics 1	11	1	0	3	3	4	4	36.4%
U.S. History	19	0	0	0	4	15	0	0%
World History	37	0	0	6	19	12	6	16.2%
TOTALS	171	1	1	20	62	87	22	12.9%
PERCENTAGES		0.6%	0.6%	11.7%	36.6%	50.9%		

* Percentage equal to or exceeding global mean

Edgewood Jr/Sr High

475 Students, 82.6% of Total 9-12 Enrollments

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
Biology	27	2	6	13	6	0	21	77.8%
Calculus AB	91	18	17	28	17	11	63	69.2%
Calculus BC	49	13	13	16	6	1	42	85.7%
Capstone Research	24	6	1	7	9	1	14	58.3%
Capstone Seminar	49	3	5	33	8	0	41	83.7%
Chemistry	6	0	0	3	3	0	3	50%
Computer Science A	16	0	3	3	3	7	6	37.5%
English Language	85	9	26	30	18	2	65	76.5%
English Literature	84	12	20	30	17	5	62	73.8%
European History	17	3	3	5	5	1	11	64.7%
Human Geography	39	9	12	5	4	9	26	66.7%
Macroeconomics	96	18	29	22	15	12	69	71.9%
Microeconomics	104	22	31	27	9	15	80	76.9%
Music Theory	13	3	1	2	2	5	6	46.2%
Physics 1	60	1	12	13	26	8	26	43.3%
Physics C: Mechanics	24	7	12	2	1	2	21	87.5%
Psychology	68	26	19	15	7	1	60	88.2%
Spanish Language	29	12	14	3	0	0	29	100%
Spanish Literature	2	1	1	0	0	0	2	100%
Statistics	19	2	6	4	4	3	12	63.2%
Studio Art: 2-D Design Portfolio	2	2	0	0	0	0	2	100%
Studio Art: Drawing Portfolio	7	3	3	1	0	0	7	100%
U.S. Government & Politics	44	2	5	14	16	7	21	47.7%
U.S. History	129	10	25	42	33	19	77	59.7%
World History	97	3	14	32	33	15	49	50.5%
TOTALS	1181	187	278	350	252	124	815	69%
PERCENTAGES		15.8%	23.5%	29.6%	21.3%	10.5%		

Melbourne High

447 Students, 20.5% of Total 9-12 Enrollments

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
AP Computer Science Princ	45	6	16	20	3	0	42	93.3%
Art History	27	0	1	2	8	16	3	11.1%
Biology	14	2	5	6	1	0	13	92.9%
Calculus AB	43	11	9	12	8	3	32	74.4%
Calculus BC	18	9	5	3	0	1	17	94.4%
Chemistry	6	0	0	3	3	0	3	50%
English Language	135	10	28	57	35	5	95	70.1%
English Literature	47	4	4	19	17	3	27	57.4%
European History	10	0	2	2	5	1	4	40%
Human Geography	74	8	15	20	14	17	43	58.1%
Microeconomics	14	3	8	2	0	1	13	92.9%
Physics 1	17	1	0	5	8	3	6	35.3%
Physics C: Mechanics	4	1	1	2	0	0	4	100%
Psychology	71	15	23	15	5	13	53	74.6%
Statistics	35	8	6	8	8	5	22	61.8%
Studio Art: 2-D Design Portfolio	2	0	2	0	0	0	2	100%
Studio Art: Drawing	2	1	0	1	0	0	2	100%
U.S. Government & Politics	18	0	1	2	9	6	3	16.7%
U.S. History	70	3	9	22	14	22	34	48.6%
World History	57	6	13	22	13	3	41	71.9%
TOTALS	709	88	148	223	151	99	459	65.16%
PERCENTAGES		12.4%	20.8%	32.7%	21.3%	13.9%		

Merritt Island High

324 Students, 21.2% of Total 9-12 Enrollments

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
Biology	28	0	3	11	13	1	14	50%
Calculus AB	33	0	4	8	15	6	12	36.4%
Calculus BC	8	0	1	4	3	0	5	62.5%
Capstone Research	3	0	0	3	0	0	3	100%
Capstone Seminar	12	0	0	8	4	0	8	66.7%
Chemistry	21	0	0	4	11	6	4	19%
English Language	53	3	8	22	18	2	33	56.3%
English Literature	30	3	10	12	5	0	25	83.3%
Environmental Science	42	4	10	9	14	5	23	54.8%
European History	19	0	2	5	9	3	7	36.8%
Human Geography	79	4	7	20	14	34	31	39.2%
Macroeconomics	21	1	3	3	5	9	7	33.3%
Microeconomics	20	1	3	5	6	5	9	45%
Music Theory	6	1	1	4	0	0	6	100%
Physics 1	16	0	0	0	7	9	0	0%
Psychology	67	7	13	13	14	20	33	49.3%
Spanish Language	12	2	1	7	2	0	10	83.3%
Statistics	38	2	2	9	14	11	13	34.2%
Studio Art: Drawing Portfolio	8	3	1	4	0	0	8	100%
U.S. Government & Politics	55	0	6	18	19	12	24	43.6%
U.S. History	42	1	3	9	13	16	13	31%
TOTALS	613	32	78	178	186	139	288	47%
PERCENTAGES		5.2%	12.7%	29%	30.3%	22.7%		

Palm Bay Magnet High

331 Students, 21.6% of Total 9-12 Enrollments

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
Computer Science Princ.	20	0	6	11	2	1	17	85%
Biology	12	0	2	3	4	3	5	41.7%
Calculus AB	20	1	1	4	4	10	6	30%
Calculus BC	8	0	0	1	4	3	1	12.5%
Capstone Seminar	12	0	1	5	5	1	6	50%
English Language	87	0	2	11	33	41	13	14.1%
English Literature	43	1	4	9	19	10	14	32.6%
Human Geography	50	1	2	8	5	34	11	22%
Macroeconomics	35	2	9	7	6	11	18	51.4%
Microeconomics	45	4	11	5	8	17	20	44.4%
Music Theory	8	0	0	0	3	5	0	0%
Physics 1	20	0	0	4	6	10	4	20%
Physics C: Mechanics	3	0	0	1	2	0	1	33.3%
Psychology	71	2	4	16	9	40	22	31%
Spanish Language	5	2	2	1	0	0	5	100%
Statistics	5	0	1	0	1	3	1	20%
Studio Art: 2-D Design Portfolio	7	1	0	5	1	0	6	85.7%
Studio Art: Drawing Portfolio	2	0	0	1	1	0	1	50%
U.S. Government & Politics	61	2	4	10	22	23	16	26.2%
U.S. History	38	0	4	5	5	24	9	23.7%
World History	22	0	4	3	5	10	7	31.8%
TOTALS	574	16	57	110	145	246	183	31.6%
PERCENTAGES		2.8%	9.9%	19.2%	25.9%	42.5%		

Rockledge High **13 Students, 0.9% of Total 9-12 Enrollments**

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
Calculus BC	13	0	0	4	6	3	4	30.8%
TOTALS	13	0	0	4	6	3	4	30.8%
PERCENTAGES		0%	0%	30.8%	46.2%	23.1%		

Satellite High **308 Students, 23.8% of Total 9-12 Enrollments**

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
Calculus AB	34	6	7	7	8	6	20	58.8%
Calculus BC	4	3	0	1	0	0	4	100%
Capstone Research	14	1	0	5	6	2	6	42.9%
Capstone Seminar	24	0	1	19	2	2	20	83.3%
English Language	83	11	21	30	19	2	62	74.7%
English Literature	46	9	12	16	7	2	37	80.4%
Environmental Science	27	3	5	3	6	10	11	40.7%
Music Theory	15	2	4	5	3	1	11	73.3%
Physics 1	15	1	10	1	2	1	12	80%
Psychology	72	21	21	19	8	3	61	84.7%
Statistics	26	8	3	9	5	1	20	76.1%
Studio Art: 2-D Design Portfolio	14	0	5	9	0	0	14	100%
Studio Art: Drawing Portfolio	4	0	1	3	0	0	4	100%
U.S. Government & Politics	21	3	1	8	7	2	12	57.1%
U.S. History	77	0	4	12	31	30	16	20.8%
World History	25	2	5	10	6	2	17	68%
TOTALS	501	70	100	157	110	64	327	65.3%
PERCENTAGES		14%	20%	31.3%	22%	12.8%		

Space Coast Jr/Sr High 146 Students, 14.9% of Total 9-12 Enrollments

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
Biology	24	0	0	10	14	0	10	41.7%
Calculus AB	13	0	1	1	8	3	2	15.4%
Capstone Research	5	1	1	1	2	0	3	60%
Capstone Seminar	23	1	1	16	3	2	18	78.3%
Chemistry	19	1	0	3	8	7	4	21.1%
English Language	26	2	5	8	9	2	15	57.7%
English Literature	17	0	2	7	4	4	9	52.9%
Human Geography	42	1	4	6	13	18	11	26.2%
Psychology	23	2	1	5	6	9	8	34.8%
Statistics	7	2	1	4	0	0	7	100%
TOTALS	199	10	16	61	67	45	87	43.7%
PERCENTAGES		5%	8%	30.6%	33.7%	22.6%		

Titusville High

255 Students, 19.4% of Total 9-12 Enrollments

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
Computer Science Princ.	18	1	2	11	4	0	14	77.8%
Calculus AB	18	4	6	3	3	2	13	76.5%
Capstone Research	4	0	0	1	3	0	1	25%
Capstone Seminar	8	0	0	4	3	1	4	50%
Comparative Gov't & Politics	2	0	0	0	2	0	0	0%
English Language	21	0	1	4	13	3	5	23.8%
English Literature	21	1	4	4	12	0	9	42.9%
Human Geography	69	0	8	11	18	32	19	27.5%
Music Theory	7	2	2	0	3	0	4	57.1%
Physics 1	13	0	1	5	4	3	6	46.2%
U.S. Government & Politics	28	2	6	6	10	4	14	50%
U.S. History	39	5	7	13	8	6	25	64.1%
World History	41	0	11	13	16	1	24	58.5%
TOTALS	289	15	48	75	99	52	138	47.7%
PERCENTAGES		5.2%	17.9%	23.1%	33.8%	17.9%		

Viera High

633 Students, 30.6% of Total 9-12 Enrollments

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
		5	4	3	2	1		
Biology	53	3	12	25	13	0	40	74.1%
Calculus AB	82	8	12	27	29	6	47	57.3%
Calculus BC	27	10	11	6	0	0	27	100%
Capstone Research	45	4	9	17	14	1	30	66.7%
Capstone Seminar	61	4	9	46	2	0	59	96.7%
Chemistry	18	0	0	5	9	4	5	27.8%
Comparative Gov't & Politics	55	11	12	10	16	6	33	60%
English Language	95	5	18	33	37	2	56	58.9%
English Literature	52	6	10	17	19	0	33	63.5%
Human Geography	55	7	14	13	11	10	34	61.1%
Music Theory	14	1	4	7	2	0	12	85.7%
Physics 1	176	0	4	16	58	98	20	11.4%
Physics 2	24	0	2	7	10	5	9	37.5%
Psychology	99	16	34	25	14	10	75	75.6%
Spanish Language	18	9	6	2	1	0	17	94.4%
Spanish Literature	7	3	4	0	0	0	7	100%
Statistics	72	7	6	21	17	21	34	47.2%
Studio Art: 2-D Design Portfolio	1	0	0	1	0	0	1	100%
U.S. Government & Politics	150	9	19	62	44	16	90	60%
U.S. History	158	7	23	36	45	47	66	41.8%
TOTALS	1262	110	209	376	341	226	695	55.1%
PERCENTAGES		8.7%	16.6%	29.7%	27%	17.9%		

West Shore Jr/Sr High

472 Students, 77.9% of Total 9-12 Enrollments

Test Name	Number of Tests	Number at Each Score					# at 3 or above	Percent 3 or above
Computer Science Princ.	44	7	6	28	3	0	41	93.2%
Biology	19	5	5	7	2	0	17	89.5%
Calculus AB	46	21	14	6	5	0	41	89.1%
Calculus BC	21	14	5	2	0	0	21	100%
Capstone Research	52	11	16	23	2	0	50	92.6%
Capstone Seminar	36	8	10	18	0	0	36	100%
Chemistry	38	6	6	15	11	0	27	71.1%
Computer Science A	21	2	5	11	1	2	18	85.7%
English Language	129	23	31	45	27	3	99	76.7%
English Literature	83	4	24	32	20	3	60	72.3%
Environmental Science	62	9	25	13	13	2	47	75.8%
French	10	1	1	7	1	0	9	90%
Human Geography	88	13	32	16	12	15	61	69.3%
Latin	2	0	0	0	1	1	0	0%
Macroeconomics	11	0	1	3	4	3	4	36.4%
Microeconomics	85	5	18	23	15	24	46	54.1%
Music Theory	6	1	2	2	1	0	5	83.3%
Physics 1	47	2	12	16	13	4	30	63.8%
Physics 2	31	8	7	14	2	0	29	93.5%
Psychology	54	10	21	16	4	3	47	87%
Spanish Language	21	1	6	8	5	1	15	71.4%
Statistics	19	10	5	2	2	0	17	89.5%
Studio Art: 2-D Design Portfolio	23	5	9	9	0	0	23	100%
Studio Art: 3-D Design Portfolio	1	0	0	1	0	0	1	100%
Studio Art: Drawing Portfolio	4	0	1	2	1	0	3	75%
U.S. Government & Politics	96	4	11	38	21	22	53	55.2%
U.S. History	32	5	12	10	4	1	27	84.4%
World History	86	7	28	21	26	4	56	65.1%
TOTALS	1167	182	313	388	196	88	883	75.7%
PERCENTAGES		15.6%	26.8%	24.7%	16.7%	7.5%		

Subject Test Results

2017

There were 34 subject exams that were offered in Brevard in 2017. The most popular courses were English Language and Composition (874 students), U.S. History (721 students), Human Geography (739 students), Psychology (683 students), English Literature (569 students), Calculus AB (436 students), and US Government (557 students).

Art History								
School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Melbourne High School	27	0	1	2	8	16	3	11.1%
TOTALS	27	0	1	2	8	16	3	11.1%
PERCENTAGES			3.7%	7.4%	29.6%	59%		

Biology								
School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut High	24	1	0	9	9	5	10	41.7%
Bayside High School	34	3	10	14	7	0	27	79.4%
Edgewood Jr/Sr High	27	2	6	13	6	0	21	77.8%
Melbourne High School	14	2	5	6	1	0	13	92.9%
Merritt Island High	28	0	3	11	13	1	14	50%
Palm Bay Magnet High	12	0	2	3	4	3	5	41.7%
Space Coast Jr/Sr High	24	0	0	10	14	0	10	41.7%
Viera High School	53	3	12	25	13	0	40	74.1%
West Shore Jr/Sr High	19	5	5	7	2	0	17	89.5%
TOTALS	235	16	43	98	69	9	157	66.8%
PERCENTAGES		3.3%	14.7%	33.5%	36.7%	11.8%		

Calculus AB

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut	1	0	0	0	0	1	0	0%
Bayside High School	27	0	2	2	6	17	4	14.8%
Cocoa Beach Jr/Sr	12	1	1	3	4	3	5	41.7%
Cocoa High School	16	0	0	0	5	11	0	0%
Edgewood Jr/Sr High	91	18	17	28	17	11	63	69.2%
Melbourne High School	43	11	9	12	8	3	32	74.4%
Merritt Island High	33	0	4	8	15	6	12	36.4%
Palm Bay Magnet High	20	1	1	4	4	10	6	30%
Satellite High School	34	6	7	7	8	6	20	58.8%
Space Coast Jr/Sr High	13	0	1	1	8	3	2	15.4%
Titusville High School	18	4	6	3	3	2	13	76.5%
Viera High School	82	8	12	27	29	6	47	57.3%
West Shore Jr/Sr High	46	21	14	6	5	0	41	89.1%
TOTALS	436	70	74	101	112	79	245	56.2%
PERCENTAGES		16.1%	17%	23.2%	25.7%	18.1%		

Calculus BC

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut High School	17	0	1	6	6	4	7	41.2%
Cocoa Beach Jr/Sr	16	7	1	2	5	1	10	62.5%
Edgewood Jr/Sr High	49	13	13	16	6	1	42	85.7%
Melbourne High School	18	9	5	3	0	1	17	94.4%
Merritt Island High	8	0	1	4	3	0	5	62.5%
Palm Bay Magnet High	8	0	0	1	4	3	1	12.5%
Rockledge High School	13	0	0	4	6	3	4	30.8%
Satellite High School	4	3	0	1	0	0	4	100%
Viera High School	27	10	11	6	0	0	27	100%
West Shore Jr/Sr High	21	14	5	2	0	0	21	100%
TOTALS	181	56	37	45	30	13	138	76.2%
PERCENTAGES		30.9%	20.4%	24.9%	22.1%	7.2%		

Capstone Research

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut High School	13	3	3	7	0	0	13	100%
Bayside High School	15	3	3	7	2	0	13	86.7%
Edgewood Jr/Sr High	24	6	1	7	9	1	14	85.3%
Merritt Island High	3	0	0	3	0	0	3	100%
Satellite High School	14	1	0	5	6	2	6	42.9%
Space Coast Jr/Sr High	5	1	1	1	2	0	3	60%
Titusville High School	4	0	0	1	3	0	1	25%
Viera High School	45	4	9	17	14	1	30	66.7%
West Shore Jr/Sr High	52	11	16	23	2	0	50	92.6%
TOTALS	175	29	33	71	38	4	133	76%
PERCENTAGES		16.5%	18.8%	40.6%	21.7%	2.3%		

Capstone Seminar

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut High School	32	0	1	29	3	0	29	90.6%
Bayside High School	20	0	1	18	0	1	19	95%
Edgewood Jr/Sr High	49	3	5	33	8	0	41	83.7%
Merritt Island High	12	0	0	8	4	0	8	66.7%
Palm Bay High	12	0	1	5	5	1	6	50%
Satellite High School	24	0	1	19	2	2	20	83.3%
Space Coast Jr/Sr High	23	1	1	16	3	2	18	78.3%
Titusville High School	8	0	0	4	3	1	4	50%
Viera High School	61	4	9	46	2	0	59	96.7%
West Shore Jr/Sr High	36	8	10	18	0	0	36	100%
TOTALS	277	16	29	195	30	7	240	86.7%
PERCENTAGES		5.7%	10.3%	70.6%	10.8%	2.5%		

Chemistry

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Bayside High School	8	0	1	4	3	0	5	62.5%
Cocoa Beach Jr/Sr	15	7	4	4	0	0	15	100%
Edgewood Jr/Sr High	6	0	0	3	3	0	3	50%
Melbourne High School	6	0	0	3	3	0	3	50%
Merritt Island High	21	0	0	4	11	6	4	19%
Space Coast Jr/Sr High	19	1	0	3	8	7	4	21.1%
Viera High School	18	0	0	5	9	4	5	27.8%
West Shore Jr/Sr High	38	6	6	15	11	0	27	71.1%
TOTALS	131	14	11	41	48	17	66	50.3%
PERCENTAGES		10.7%	8.4%	31.3%	36.6%	13%		

Comparative Government & Politics

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Titusville High School	2	0	0	0	2	0	0	0%
Viera High School	55	11	12	10	16	6	33	60%
TOTALS	57	11	12	10	18	6	33	57.8%
PERCENTAGES		19.3%	21%	17.5%	31.6%	10.5%		

Computer Science A

		Number at Each Score						
School	Number of Tests	5	4	3	2	1	Number at 3 or above	Percent 3 or above
Edgewood Jr/Sr High	16	0	3	3	3	7	6	37.5%
West Shore Jr/Sr High	21	2	5	11	1	2	18	85.7%
TOTALS	37	2	8	14	4	9	24	64.9%
PERCENTAGES		5.4%	21.6%	37.8%	10.8%	24.3%		

Computer Science Principles

		Number at Each Score						
School	Number of Tests	5	4	3	2	1	Number at 3 or above	Percent 3 or above
Bayside High School	21	0	1	6	5	9	7	33.3%
Melbourne High School	45	6	16	20	3	0	42	93.3%
Palm Bay High School	20	0	6	11	2	1	17	85%
Titusville High School	18	1	2	11	4	0	14	77.8%
West Shore Jr/Sr High	44	7	6	28	3	0	41	93.2%
TOTALS	148	14	31	76	17	10	121	81.8%
PERCENTAGES		9.5%	23.6%	45.9%	10.8%	6.8%		

English Language

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut High School	46	3	11	17	15	0	31	67.4%
Bayside High School	35	1	7	9	12	6	17	48.6%
Cocoa Beach Jr/Sr High	55	9	17	16	9	4	42	76.4%
Cocoa High School	19	0	0	3	13	3	3	15.8%
Edgewood Jr/Sr High	85	9	26	30	18	2	65	76.5%
Melbourne High School	135	10	28	57	35	5	95	70.1%
Merritt Island High	53	3	8	22	18	2	33	56.3%
Palm Bay Magnet High	87	0	2	11	33	41	13	14.1%
Satellite High School	83	11	21	30	19	2	62	74.7%
Space Coast Jr/Sr High	26	2	5	8	9	2	15	57.7%
Titusville High School	21	0	1	4	13	3	5	23.8%
Viera High School	95	5	18	33	37	2	56	58.9%
West Shore Jr/Sr High	129	23	31	45	27	3	99	76.7%
TOTALS	869	76	175	285	258	75	536	61.7%
PERCENTAGES		8.7%	20.1%	32.8%	29.7%	8.6%		

English Literature

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut High School	46	3	8	20	15	0	31	67.4%
Bayside High School	23	1	1	9	11	1	11	47.8%
Cocoa Beach Jr/Sr High	55	0	3	11	27	14	14	25.5%
Cocoa High School	22	0	0	6	11	5	6	27.3%
Edgewood Jr/Sr High	84	12	20	30	17	5	62	73.8%
Melbourne High School	47	4	4	19	17	3	27	57.4%
Merritt Island High	30	3	10	12	5	0	25	83.3%
Palm Bay Magnet High	43	1	4	9	19	10	14	32.6%
Satellite High School	46	9	12	16	7	2	37	80.4%
Space Coast Jr/Sr High	17	0	2	7	4	4	9	52.9%
Titusville High School	21	1	4	4	12	0	9	42.9%
Viera High School	52	6	10	17	19	0	33	63.5%
West Shore Jr/Sr High	83	4	24	32	20	3	60	72.3%
TOTALS	569	44	102	192	184	47	338	59.4%
PERCENTAGES		7.7%	17.9%	33.7%	32.3%	8.3%		

Environmental Science

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut High School	5	2	1	1	1	0	4	80%
Merritt Island High	42	4	10	9	14	5	23	54.8%
Satellite High School	27	3	5	3	6	10	11	40.7%
West Shore Jr/Sr High	62	9	25	13	13	2	47	75.8%
TOTALS	136	18	41	26	34	17	85	62.5%
PERCENTAGES		13.2%	30.1%	19.1%	25%	12.5%		

European History

European History								
		Number at Each Score						
School	Number of Tests	5	4	3	2	1	Number at 3 or above	Percent 3 or above
Cocoa Beach Jr/Sr	46	0	14	13	14	5	27	58.7%
Edgewood Jr/Sr High	17	3	3	5	5	1	11	64.7%
Melbourne High School	10	0	2	2	5	1	4	40%
Merritt Island High	19	0	2	5	9	3	7	36.8%
TOTALS	92	3	21	25	33	10	49	53.3%
PERCENTAGES		3.3%	22.8%	27.2%	35.9%	10.9%		

French

French								
		Number at Each Score						
School	Number of Tests	5	4	3	2	1	Number at 3 or above	Percent 3 or above
West Shore Jr/Sr High	10	1	1	7	1	0	9	90%
TOTALS	10	1	1	7	1	0	9	90%
PERCENTAGES		10%	10%	70%	10%	0%		

Human Geography

Human Geography								
		Number at Each Score						
School	Number of Tests	5	4	3	2	1	Number at 3 or above	Percent 3 or above
Bayside High School	84	2	3	15	16	48	20	23.8%
Cocoa Beach Jr/Sr	112	13	27	28	16	28	68	60.7%
Cocoa High School	47	0	1	2	7	37	3	6.4%
Edgewood Jr/Sr High	39	9	12	5	4	9	26	66.7%
Melbourne High	74	8	15	20	14	17	43	58.1%
Merritt Island High	79	4	7	20	14	34	31	39.2%
Palm Bay Magnet	50	1	2	8	5	34	11	22%
Space Coast Jr/Sr	42	1	4	6	13	18	11	27.2%
Titusville High School	69	0	8	11	18	32	19	27.5%
Viera High School	55	7	14	13	11	10	34	61.1%
West Shore Jr/Sr High	88	13	32	16	12	15	61	69.3%
TOTALS	739	58	125	144	130	282	327	44.2%
PERCENTAGES		7.8%	16.9%	19.5%	17.6%	38.2%		

Latin

Latin								
		Number at Each Score						
School	Number of Tests	5	4	3	2	1	Number at 3 or above	Percent 3 or above
West Shore Jr/Sr High	2	0	0	0	1	1	0	0%
TOTALS	2	0	0	0	1	1	0	0%
PERCENTAGES		0%	0%	0%	50%	50%		

Macroeconomics

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Edgewood Jr/Sr High	96	18	29	22	15	12	69	71.9%
Merritt Island High	21	1	3	3	5	9	7	33.3%
Palm Bay Magnet	35	2	9	7	6	11	18	51.4%
West Shore Jr/Sr High	11	0	1	3	4	3	4	36.4%
TOTALS	163	21	42	35	30	35	98	60.1%
PERCENTAGES		12.9%	25.8%	21.5%	18.4%	21.5%		

Microeconomics

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Edgewood Jr/Sr High	104	22	31	27	9	15	80	76.9%
Melbourne High School	14	3	8	2	0	1	13	92.9%
Merritt Island High	20	1	3	5	6	5	9	45%
Palm Bay Magnet High	45	4	11	5	8	17	20	44.4%
West Shore Jr/Sr High	85	5	18	23	15	24	46	50.1%
TOTALS	268	35	71	62	38	62	168	62.7%
PERCENTAGES		13.1%	26.5%	23.1%	14.2%	23.1%		

Music Theory								
		Number at Each Score						
School	Number of Tests	5	4	3	2	1	Number at 3 or above	Percent 3 or above
Edgewood Jr/Sr High	13	3	1	2	2	5	6	46.2%
Merritt Island High	6	1	1	4	0	0	6	100%
Palm Bay Magnet High	8	0	0	0	3	5	0	0%
Satellite High School	15	2	4	5	3	1	11	73.3%
Titusville High School	7	2	2	0	3	0	4	57.1%
Viera High School	14	1	4	7	2	0	12	85.7%
West Shore Jr/Sr High	6	1	2	2	1	0	5	83.3%
TOTALS	69	10	14	20	14	11	44	63.8%
PERCENTAGES		14.5%	20.3%	29%	20.3%	15.9%		

Physics 1								
		Number at Each Score						
School	Number of Tests	5	4	3	2	1	Number at 3 or above	Percent 3 or above
Bayside High School	20	1	6	8	5	0	15	75%
Cocoa Beach Jr/Sr	26	3	2	9	9	3	14	53.8%
Cocoa High School	11	1	0	3	3	4	4	36.4%
Edgewood Jr/Sr High	60	1	12	13	26	8	26	43.3%
Melbourne High School	17	1	0	5	8	3	6	35.3%
Merritt Island High	16	0	0	0	7	9	0	0%
Palm Bay Magnet High	20	0	0	4	6	10	4	20%
Satellite High School	15	1	10	1	2	1	12	80%
Titusville High School	13	0	1	5	4	3	6	46.2%
Viera High School	176	0	4	16	58	98	20	11.4%
West Shore Jr/Sr High	47	2	12	16	13	4	30	63.8%
TOTALS	421	10	47	80	141	143	137	32.5%
PERCENTAGES		2.4%	11.2%	19%	33.5%	34%		

Physics 2

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Bayside High School	20	1	0	7	10	2	8	40%
Viera High School	24	0	2	7	10	5	9	37.5%
West Shore Jr/Sr High	31	8	7	14	2	0	29	93.5
TOTALS	75	9	9	28	22	7	46	61.3%
PERCENTAGES		12%	12%	37.3%	29.3%	9.3%		

Physics C: Electricity & Magnetism

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Cocoa Beach Jr/Sr High	2	0	2	0	0	0	2	100%
TOTALS	2	0	2	0	0	0	2	100%
PERCENTAGES		0	100%	0%	0%	0%		

Physics C: Mechanics

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Bayside High School	1	0	0	0	1	0	0	0%
Cocoa Beach Jr/Sr High	1	1	0	0	0	0	1	100%
Edgewood Jr/Sr High	24	7	12	2	1	2	21	87.5%
Melbourne High	4	1	1	2	0	0	4	100%
Palm Bay Magnet	3	0	0	1	2	0	1	33.3%
TOTALS	33	9	13	5	4	2	27	81.8%
PERCENTAGES		27.3%	39.4%	15.2%	12.1%	6.1%		

Psychology

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut High School	45	1	5	14	7	18	20	44.4%
Bayside High School	74	4	9	9	16	36	22	30.7%
Cocoa Beach Jr/Sr	39	10	12	9	7	1	31	79.5%
Edgewood Jr/Sr High	68	26	19	15	7	1	60	88.2%
Melbourne High	71	15	23	15	5	13	53	74.6%
Merritt Island High	67	7	13	13	14	20	33	49.3%
Palm Bay Magnet	71	2	4	16	9	40	22	31%
Satellite High School	72	21	21	19	8	3	61	84.7%
Space Coast Jr/Sr	23	2	1	5	6	9	8	34.8%
Viera High School	99	16	34	25	14	10	75	75.6%
West Shore Jr/Sr High	54	10	21	16	4	3	47	87%
TOTALS	683	114	162	156	97	154	432	63.3%
PERCENTAGES		16.7%	23.7%	22.8%	14.2%	22.5%		

Spanish Language

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Cocoa Beach Jr/Sr	14	1	3	9	1	0	13	92.1%
Edgewood Jr/Sr High	29	12	14	3	0	0	29	100%
Merritt Island High	12	2	1	7	2	0	10	83.3%
Palm Bay Magnet High	5	2	2	1	0	0	5	100%
Viera High School	18	9	6	2	1	0	17	94.4%
West Shore Jr/Sr High	21	1	6	8	5	1	15	71.4%
TOTALS	99	27	32	30	9	1	89	89.9%
PERCENTAGES		27.3%	32.3%	30.3%	9.1%	1%		

Spanish Literature

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Edgewood Jr/Sr High	2	1	1	0	0	0	2	100%
Viera High School	7	3	4	0	0	0	7	100%
TOTALS	9	4	5	0	0	0	9	100%
PERCENTAGES		44.4%	55.6%	0%	0%	0%		

Statistics

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut High	15	1	2	4	4	4	7	46.7%
Cocoa Beach Jr/Sr	29	0	2	12	12	3	14	48.3%
Edgewood Jr/Sr High	19	2	6	4	4	3	12	63.2%
Melbourne High	35	8	6	8	8	5	22	61.8%
Merritt Island High	38	2	2	9	14	11	13	34.2%
Palm Bay Magnet	5	0	1	0	1	3	1	20%
Satellite High School	26	8	3	9	5	1	20	76.1%
Space Coast Jr/Sr	7	2	1	4	0	0	7	100%
Viera High School	72	7	6	21	17	21	34	47.2%
West Shore Jr/Sr	19	10	5	2	2	0	17	89.5%
TOTALS	265	40	34	73	67	51	147	55.5%
PERCENTAGES		15.1%	12.8%	27.5%	25.3%	19.2%		

Studio Art: 2-D Design Portfolio

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut High School	1	0	0	1	0	0	1	100%
Edgewood Jr/Sr High	2	2	0	0	0	0	2	100%
Melbourne High School	2	0	2	0	0	0	2	100%
Palm Bay Magnet High	7	1	0	5	1	0	6	85.7%
Satellite High School	14	0	5	9	0	0	14	100%
Viera High School	1	0	0	1	0	0	1	100%
West Shore Jr/Sr High	23	5	9	9	0	0	23	100%
TOTALS	50	8	16	25	1	0	49	98%
PERCENTAGES		16%	32%	50%	2%	0%		

Studio Art: 3-D Design Portfolio

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
West Shore Jr/Sr High	1	0	0	1	0	0	1	100%
TOTALS	1	0	0	1	0	0		100%
PERCENTAGES		0%	0%	100%	0%	0%		

Studio Art: Drawing Portfolio

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Edgewood Jr/Sr High	7	3	3	1	0	0	7	100%
Melbourne High School	2	1	0	1	0	0	2	100%
Merritt Island High	8	3	1	4	0	0	8	100%
Palm Bay Magnet High	2	0	0	1	1	0	1	50%
Satellite High School	4	0	1	3	0	0	4	100%
West Shore Jr/Sr High	4	0	1	2	1	0	3	75%
TOTALS	27	7	6	12	2	0	25	92.6%
PERCENTAGES		25.9%	22.2%	44.4%	7.4%	0%		

U.S. Government & Politics

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Astronaut High	14	0	1	3	4	6	4	28.6%
Cocoa Beach Jr/Sr	69	0	3	3	18	45	6	8.7%
Edgewood Jr/Sr High	44	2	5	14	16	7	21	47.7%
Melbourne High	18	0	1	2	9	6	3	16.7%
Merritt Island High	55	0	6	18	19	12	24	43.6%
Palm Bay Magnet	61	2	4	10	22	23	16	26.2%
Satellite High School	21	3	1	8	7	2	12	57.1%
Titusville High School	28	2	6	6	10	4	14	50%
Viera High School	150	9	19	62	44	16	90	60%
West Shore Jr/Sr	96	4	11	38	21	22	53	55.2%
TOTALS	556	22	57	164	170	143	243	43.6%
PERCENTAGES		3.9%	10.2%	29.4%	30.5%	25.7%		

U.S. History

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Bayside High School	67	0	9	11	32	15	20	29.9%
Cocoa Beach Jr/Sr	50	19	15	11	4	1	45	90%
Cocoa High School	19	0	0	0	4	15	0	0%
Edgewood Jr/Sr High	129	10	25	42	33	19	77	59.7%
Melbourne High	70	3	9	22	14	22	34	48.6%
Merritt Island High	42	1	3	9	13	16	13	31%
Palm Bay Magnet	38	0	4	5	5	24	9	23.7%
Satellite High School	77	0	4	12	31	30	16	20.8%
Titusville High School	39	5	7	13	8	6	25	64.1%
Viera High School	158	7	23	36	45	47	66	41.8%
West Shore Jr/Sr High	32	5	12	10	4	1	27	84.4%
TOTALS	721	50	111	171	193	196	332	46%
PERCENTAGES		6.9%	15.4%	23.7%	26.8%	27.2%		

World History

School	Number of Tests	Number at Each Score					Number at 3 or above	Percent 3 or above
		5	4	3	2	1		
Bayside High School	10	0	2	1	7	0	3	30%
Cocoa High School	37	0	0	6	19	12	6	16.2%
Edgewood Jr/Sr High	97	3	14	32	33	15	49	50.5%
Melbourne High	57	6	13	22	13	3	41	71.9%
Palm Bay High School	22	0	4	3	5	10	7	31.8%
Satellite High School	25	2	5	10	6	2	17	68%
Titusville High School	41	0	11	13	16	1	24	58.5%
West Shore Jr/Sr High	86	7	28	21	26	4	56	65.1%
TOTALS	375	18	77	108	125	47	203	54.9%
PERCENTAGES		4.8%	20.5%	28.8%	33.3%	12.5%		

AICE & IB Test Results

2017

International Baccalaureate (IB) Test Results 2017

The International Baccalaureate (IB) Program is an internationally recognized accelerated program in which students may earn college and university credits. During the past year students at Cocoa Beach High School and Melbourne High School earned credit through diplomas and through success on examinations.

To earn college credit on IB exams, students must earn a score of 4 or higher. The percentage of students achieving scores of 4 or higher in the district was 85.9%. The total number of candidates for IB diplomas was 91, with 68 (74.7%) earning diplomas. The total number of exams taken was 545.

District										
Test Name	# of Tests	1	2	3	4	5	6	7	# at 4 or above	Percent 4 or above
Biology (HL)	14	1	2	10	1	0	0	0	1	7.1%
Biology (SL)	4	0	1	0	2	0	1	0	3	75%
Chemistry (HL)	27	1	7	5	5	3	5	1	14	51.9%
Chemistry (SL)	12	0	0	4	3	2	1	2	8	66.7%
English (HL)	91	0	0	0	18	57	16	0	91	100%
Env & Soc (SL)	17	0	0	3	3	10	1	0	14	82.4%
French B (HL)	3	0	0	0	0	1	1	1	3	100%
French B (SL)	18	0	0	1	5	9	2	1	17	94.4%
Hist Americas (HL)	62	0	0	2	22	32	6	0	60	96.7%
Hist Americas (SL)	33	0	0	4	17	12	0	0	29	87.8%
Math Studies (SL)	41	0	0	3	11	16	11	0	38	92.7%
Mathematics (HL)	8	0	0	2	3	2	1	0	6	75%
Mathematics (SL)	50	0	2	11	12	17	5	3	37	74%
Music Group (SL)	5	0	0	1	2	1	1	0	4	80%
Music (HL)	2	0	0	0	2	0	0	0	2	100%
Psychology (HL)	60	0	0	9	21	21	9	0	51	85%
Psychology (SL)	19	0	0	0	2	5	12	0	19	100%
Spanish B (HL)	7	0	0	0	0	0	1	6	7	100%
Spanish B (SL)	58	0	0	3	13	21	17	4	55	94.8%
Theatre (HL)	1	0	0	0	0	1	0	0	1	100%
Theatre (SL)	1	0	0	1	0	0	0	0	0	0%
Film Studies (SL)	12	0	0	4	6	2	0	0	8	66.7%
TOTALS	545	2	12	63	148	212	90	18	468	85.9%
PERCENTAGES		0.4%	2.2%	11.6%	27.2%	38.9%	16.5%	3.3%		

Test Name	# Tests	A	B	C	D	E	# A-C	% A-C
Theory of Knowledge	91	1	13	42	31	4	56	61.5%
Percentages		1.1%	14.2%	46.2%	34.1%	4.4%		

International Baccalaureate (IB) Test Results 2013 – 2017

The IB Program in Brevard Public Schools has decreased over the last five years. In 2013 638 tests were taken compared to 545 in 2017 for a decrease of 14.6%. The number of tests earning 4 or above has decreased from 587 in 2013 to 468 in 2017 for a decrease of 20.2%. There was a substantial increase in participation and success when compared to 2016. Participation increased by 14.5% and exams with a 4 or above increased by 18.5%.

Year	Tests	4 or above	% 4 or above
2013	638	587	91.5%
2014	479	410	85.6%
2015	557	468	84%
2016	476	395	82.9%
2017	545	468	85.9%

At Cocoa Beach High School, the percentage of students achieving scores of 4 or higher was 93.7%. In courses with 10 or more students enrolled, the best performance (100%) was in English HL French B SL, Spanish B SL, Psychology HL, and Psychology SL. The total number of candidates for IB diplomas was 62, 55 with (89%) earning diplomas. The total number of exams taken was 320.

Cocoa Beach Jr/Sr										
Test Name	# Tests	1	2	3	4	5	6	7	# at 4 or Above	% 4 or Above
Chemistry (HL)	13	0	0	1	4	2	5	1	12	92.3%
Chemistry (SL)	12	0	0	4	3	2	1	2	8	66.7%
English (HL)	62	0	0	0	9	39	14	0	62	100%
Env & Soc (SL)	17	0	0	3	3	10	1	0	14	82.3%
French B (HL)	3	0	0	0	0	1	1	1	3	100%
French B (SL)	12	0	0	0	2	8	1	1	12	100%
Hist Americas(HL)	62	0	0	2	22	32	6	0	60	96.8%
Math Studies (SL)	24	0	0	2	8	9	5	0	22	91.7%
Mathematics (HL)	2	0	0	0	0	1	1	0	2	100%
Mathematics (SL)	25	0	2	4	8	6	3	2	19	76%
Music Group (SL)	5	0	0	1	2	1	1	0	4	80%
Music (HL)	1	0	0	0	1	0	0	0	1	100%
Psychology (HL)	37	0	0	0	8	20	9	0	37	100%
Psychology (SL)	15	0	0	0	1	3	11	0	15	100%
Spanish B (HL)	7	0	0	0	0	0	1	6	7	100%
Spanish B (SL)	21	0	0	0	0	11	9	1	21	100%
Theater (HL)	1	0	0	0	0	1	0	0	1	100%
Theater (SL)	1	0	0	1	0	0	0	0	0	0%
TOTALS	320	0	2	18	71	146	69	14	300	93.7%
PERCENTAGES		0%	0.6%	5.6%	21.9%	45.9%	21.6%	4.4%		

Test Name	# Tests	A	B	C	D	E	# A-C	Percent A-C
Theory of Knowledge	62	1	12	27	18	4	40	64.6%
Percentages		1.6%	19.4%	43.5%	29%	6.5%		

HL (higher level) exams are taken after two years of study. SL (standard level) exams are taken after one year of study.

At Melbourne High School, the percentage of students achieving scores of 4 or higher was 74.7%. In courses with 10 or more students enrolled, the best performances were in English HL (100%), and Spanish B SL (91.9%). The total number of candidates for IB diplomas was 24, with 8 (33.3%) earning diplomas. The total number of exams taken was 225.

Melbourne High										
Test Name	# Tests	1	2	3	4	5	6	7	# at 4 or Above	% 4 or Above
Biology (HL)	14	1	2	10	1	0	0	0	1	7.1%
Biology (SL)	4	0	1	0	2	0	1	0	3	75%
Chemistry (HL)	14	1	7	4	1	1	0	0	2	14.3%
English (HL)	29	0	0	0	9	18	2	0	29	100%
French B (SL)	6	0	0	1	3	1	1	0	5	83.3%
Hist Americas (SL)	33	0	0	4	17	12	0	0	29	87.9%
Math Studies (SL)	17	0	0	1	3	7	6	0	16	94.1%
Mathematics (HL)	6	0	0	2	3	1	0	0	4	66.7%
Mathematics (SL)	25	0	0	7	4	11	2	1	18	72%
Music (HL)	1	0	0	0	1	0	0	0	1	100%
Psychology (HL)	23	0	0	9	13	1	0	0	14	60.9%
Psychology (SL)	4	0	0	0	1	2	1	0	4	100%
Spanish B (SL)	37	0	0	3	13	10	8	3	34	91.9%
Film Studies (SL)	12	0	0	4	6	2	0	0	8	66.7%
TOTALS	225	2	10	45	77	66	21	4	168	74.7%
PERCENTAGES		0.9%	4.4%	20%	34.2%	29.3%	9.3%	1.8%		

Test Name	# Tests	A	B	C	D	E	# A-C	Percent A-C
Theory of Knowledge	29	0	1	15	13	0	16	55.2%
Percentages		0%	3.4%	51.7%	44.8%	0%		

HL (higher level) exams are taken after two years of study. SL (standard level) exams are taken after one year of study.

Cambridge Advanced International Certificate of Education (AICE) 2017

The Cambridge Advanced International Certificate of Education (AICE) is an internationally recognized accelerated program in which students may earn college and university credits. During the past year, students at Eau Gallie High School, Heritage High School and Rockledge High School earned credit through diplomas and through success on examinations.

To earn college credit on AICE exams, students must earn scores of E or better. The percentage of students achieving scores of E or better in the district was 69.8%. The total number of candidates for AICE diplomas was 256 with 184 (71.9%) earning diplomas. The total number of exams taken was 2,433.

District									
Test Name	# Tests	A	B	C	D	E	U**	Letter at E or above	Percent E or above
Art and Design (AS)	7	0	0	1	3	3	0	7	100%
Biology (A)	4	0	0	0	0	3	1	3	75%
Biology (AS)	50	0	2	7	5	11	25	25	50%
Business Studies (A)	1	0	0	0	1	0	0	1	100%
Business Studies (AS)	14	0	1	5	4	0	4	10	71.4%
Chemistry (AS)	4	0	0	0	0	0	4	0	0%
Computer Science (AS)	32	0	0	0	1	1	30	2	6.3%
English Language (A)	80	0	6	16	25	21	12	68	85%
English Language (AS)	288	9	17	54	60	66	82	206	71.5%
English Literature (A)	85	1	2	7	21	29	25	60	70.6%
English Literature (AS)	75	2	5	8	14	21	25	50	66.7%
Environmental Man(AS)	47	0	1	5	8	16	17	30	63.8%
European History (A)	16	0	0	0	5	6	5	11	68.8%
European History (AS)	60	1	6	10	7	23	13	47	78.3%
General Paper (AS)	402	58	77	121	75	43	28	374	93%
Global Perspective (A)	15	2	8	4	1	0	0	15	100%
Global Perspective (AS)	298	7	25	87	96	65	18	280	93.6%
Marine Science (A)	136	0	6	8	26	44	52	84	61.8%
Marine Science (AS)	17	0	0	1	0	7	9	8	47.1%
Mathematics (A)	41	2	1	5	7	5	21	20	48.8%
Mathematics (AS)	147	0	4	6	24	36	77	70	47.6%
Music (A)	1	0	0	1	0	0	0	1	100%
Music (AS)	21	2	4	2	4	2	7	14	66.7%
Physics (AS)	27	1	2	4	5	5	10	17	63%
Psychology (AS)	101	1	4	8	7	19	62	39	38.6%
Sociology (A)	1	0	0	0	1	0	0	1	100%
Sociology (AS)	36	0	1	3	6	10	16	20	55.6%
Spanish (AS)	47	14	4	7	8	7	7	40	85.1%
Thinking Skills (A)	52	3	1	5	7	12	24	28	53.8%
Thinking Skills (AS)	65	4	2	6	18	24	11	54	83.1%
US History (A)	24	0	0	1	2	8	13	11	45.8%
US History (AS)	239	1	12	23	36	31	136	103	43.1%
TOTALS	2433	108	191	406	477	517	734	1699	69.8%
PERCENTAGES		4.4%	7.9%	16.7%	19.6%	21.2%	30.2%		

Cambridge Advanced International Certificate of Education (AICE) 2013 – 2017

The AICE Program has grown a great deal over the past five years. The number of tests taken in 2013 was 1,467 and in 2017 it was 2,433 a growth of 65.8%. The number of tests that received a score of E or above rose from 1,049 in 2013 to 1,699 in 2017 for an increase of 62%

Year	Tests	E and above	% E and above
2013	1,467	1,049	71.5%
2014	1,638	1,217	72.40
2015	2,083	1,499	72%
2016	2,408	1,639	68.1%
2017	2,433	1,699	69.8%

At Rockledge High School, the percentage of students achieving scores of E or better was 66%. In courses with 10 or more students enrolled, the best performance (100%) was in English Literature AS and Thinking Skills AS. The total number of candidates for AICE diplomas at Rockledge High School was 140, with 106 (75.5.4%) earning diplomas. The total number of exams taken was 983.

Rockledge High									
Test Name	# Tests	A	B	C	D	E	U**	Letter at E or above	Percent E or above
Biology (A)	3	0	0	0	0	3	0	3	100%
Biology (AS)	6	0	0	0	0	0	6	0	0%
Business Studies (A)	1	0	0	0	1	0	0	1	100%
Business Studies (AS)	14	0	1	5	4	0	4	10	71.4%
Chemistry (A)	4	0	0	0	0	0	4	0	0%
Computer Science (AS)	32	0	0	1	1	0	30	2	6.3%
English Language (AS)	129	5	12	28	22	25	37	92	71.3%
English Literature (A)	80	1	2	6	21	27	23	57	71.3%
English Literature (AS)	12	0	0	1	2	9	0	12	100%
Environmental (AS)	9	0	0	1	2	2	4	5	55.6%
European History (A)	16	0	0	0	5	6	5	11	68.8%
European History (AS)	12	0	0	1	2	5	4	8	66.7%
General Paper (AS)	120	23	26	35	23	8	5	115	95.8%
Global Perspect. (AS)	134	2	14	32	40	37	9	125	93.3%
Marine Science (A)	81	0	4	6	15	20	36	45	55.6%
Marine Science (AS)	4	0	0	1	0	3	0	4	100%
Mathematics (A)	18	0	0	1	1	2	14	4	22.2%
Mathematics (AS)	60	0	1	2	14	12	31	29	48.3%
Music (AS)	10	0	0	1	2	2	5	5	50%
Physics (AS)	14	0	0	0	4	3	7	7	50%
Psychology (AS)	35	0	3	3	3	5	21	14	40%
Sociology (A)	1	0	0	0	1	0	0	1	100%
Sociology (AS)	13	0	0	0	2	6	5	8	61.5%
Spanish Language (AS)	10	2	1	1	3	2	1	9	90%
Thinking Skills (A)	42	1	0	5	6	9	21	21	50%
Thinking Skills (AS)	13	0	0	0	1	12	0	13	100%
US History (A)	24	0	0	1	2	8	13	11	45.8%
US History (AS)	86	1	5	12	11	8	49	37	66%
TOTALS	983	35	69	143	188	214	334	649	66%
PERCENTAGES		3.6%	7%	14.5%	19.1%	21.8%	34%		

At Eau Gallie High School, the percentage of students achieving scores of E or better was 79.7%. In courses with 10 or more students enrolled, the best performance (100%) was in Global Perspectives AS and Thinking Skills AS. The total number of candidates for AICE diplomas at Eau Gallie High School was 69, with 51 (73.4%) earning diplomas. The total number of exams taken was 571.

Eau Gallie High									
Test Name	# Tests	A	B	C	D	E	U**	Letter at E or above	Percent E or above
Art & Design (AS)	7	0	0	1	3	3	0	7	100%
Biology (AS)	10	0	2	2	2	1	3	7	70%
English Language (A)	50	0	6	14	22	7	1	49	98%
English Language (AS)	65	2	4	21	15	13	10	55	84.6%
English Literature (A)	5	0	0	1	0	2	2	3	60%
English Literature (AS)	47	2	5	6	11	9	14	33	70.2%
Environmental (AS)	20	0	0	2	4	7	7	13	65%
European History (AS)	17	0	1	3	0	9	4	13	76.5%
General Paper (AS)	89	8	20	25	19	10	7	82	92.1%
Global Perspective (A)	15	2	8	4	1	0	0	15	100%
Global Perspective(AS)	67	1	5	33	24	4	0	67	100%
Mathematics (A)	18	2	1	4	6	2	3	15	83.3%
Mathematics (AS)	60	0	3	4	7	15	31	29	48.3%
Marine Science (A)	14	0	2	1	2	5	4	10	71.4%
Music (A)	1	0	0	1	0	0	0	1	100%
Music (AS)	6	2	3	0	0	0	1	5	83.3%
Physics (AS)	13	1	2	4	1	2	3	10	76.9%
Psychology (AS)	22	1	1	1	2	4	13	9	40.9%
Spanish Lang (AS)	11	4	1	1	2	1	2	9	81.8%
Thinking Skills (A)	10	2	1	0	1	3	3	7	70%
Thinking Skills (AS)	1	0	0	0	1	0	0	1	100%
US History (AS)	23	0	3	1	7	4	8	15	65.2%
TOTALS	571	27	68	129	130	101	116	455	79.7%
PERCENTAGES		4.7%	11.9%	22.6%	22.8%	17.7%	20.3%		

At Heritage High School, the percentage of students achieving scores of E or better was 67.7%. In courses with 10 or more students enrolled, the best performance was in General Paper (AS) (91.7%) and Global Perspective (AS) (90.7%). The total number of candidates for AICE diplomas at Heritage High School was 47, with 27 earning diplomas at 57%. The total number of exams taken was 879.

Heritage									
Test Name	# Tests	A	B	C	D	E	U**	Letter at E or above	Percent E or above
Biology (A)	1	0	0	0	0	0	1	0	0%
Biology (AS)	34	0	0	5	3	10	16	18	52.9%
English Language (A)	30	0	0	2	3	14	11	19	63.3%
English Language (AS)	94	2	1	5	23	28	35	59	62.8%
English Literature (AS)	16	0	0	1	1	3	11	5	31.3%
Environmental (AS)	18	0	1	2	2	7	6	12	66.7%
European History (AS)	31	1	5	6	5	9	5	26	83.9%
General Paper (AS)	193	27	31	61	33	25	16	177	91.7%
Global Perspect. (AS)	97	4	6	22	32	24	9	88	90.7%
Marine Science (A)	41	0	0	1	9	19	12	29	70.7%
Marine Science (AS)	13	0	0	0	0	4	9	4	30.8%
Mathematics (A)	5	0	0	0	0	1	4	1	20%
Mathematics (AS)	27	0	0	0	3	9	15	12	44.4%
Music (AS)	5	0	1	1	2	0	1	4	80%
Psychology (AS)	44	0	0	4	2	10	28	16	36.4%
Sociology (AS)	23	0	1	3	4	4	11	12	52.2%
Spanish Language (AS)	26	8	2	5	3	4	4	22	84.6%
Thinking Skills (AS)	51	4	2	6	16	12	11	40	78.4%
US History (AS)	130	0	4	10	18	19	79	51	39.2%
TOTALS	879	46	54	134	159	202	284	595	67.7%
PERCENTAGES		5.2%	6.1%	15.2%	18.1%	23%	32.3%		