

2015-2016 REPORT ON ACADEMIC ACHIEVEMENT



Adlai E. Stevenson High School

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EDUCATIONAL PLANNING AND ASSESSMENT SYSTEM

2016

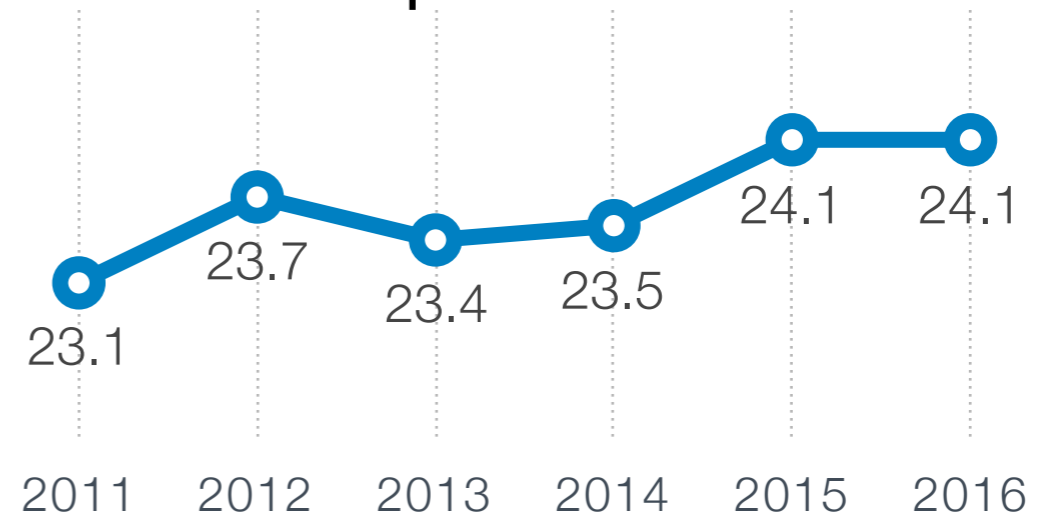
ACT's EPAS (Educational Planning and Assessment System) provides a longitudinal, systematic approach to educational and career planning, assessment, instructional support, and evaluation. The system focuses on the integrated, higher-order thinking skills students develop in grades 9-12 that are important for success both during and after high school.

PRACTICE ACT FALL 2016 PERFORMANCE (CLASS OF 2018)

Fall 2016 marked our sixth administration of the Practice ACT for eleventh-grade students. The average composite score for the Class of 2018 was 24.1 on a 36-point scale.

Average Scale Scores:
 English: 23.2 to **23.4**
 Math: **25.3**
 Science: 23.5 to **23.7**
 Reading: **23.8**

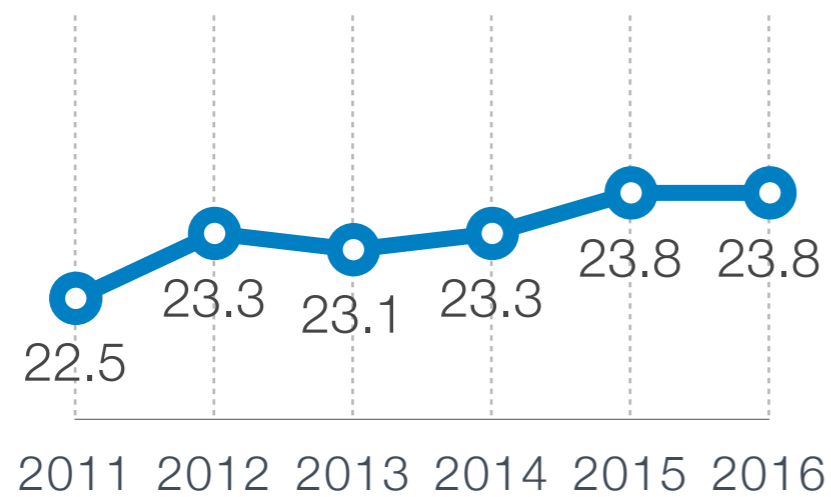
Composite Scores



Score Band	Count of Students	% of Testers
31-36	147	15.47%
26-30	246	25.89%
21-25	293	30.84%
16-20	196	20.63%
0-15	68	7.16%
Grand Total	950	100.00%

PRACTICE ACT FALL 2016 PERFORMANCE

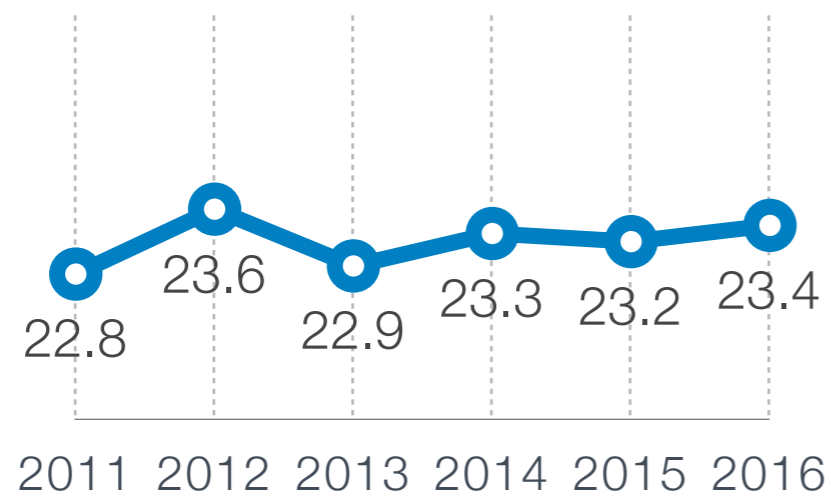
Reading



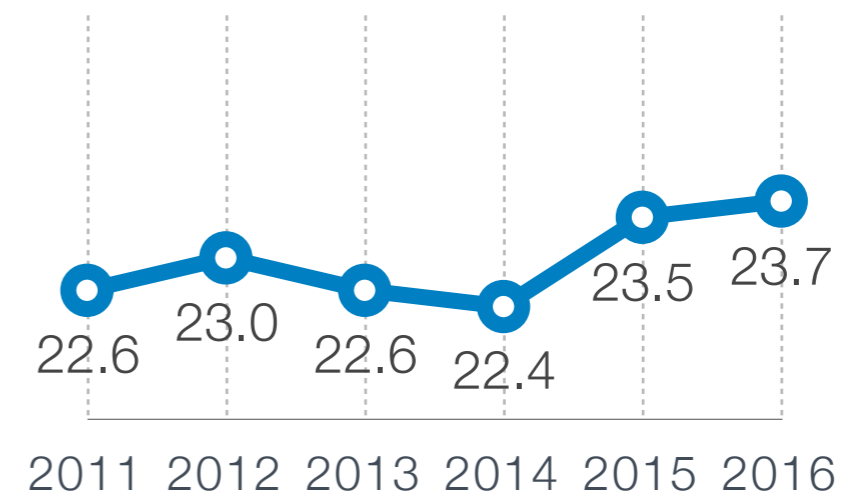
Math



English

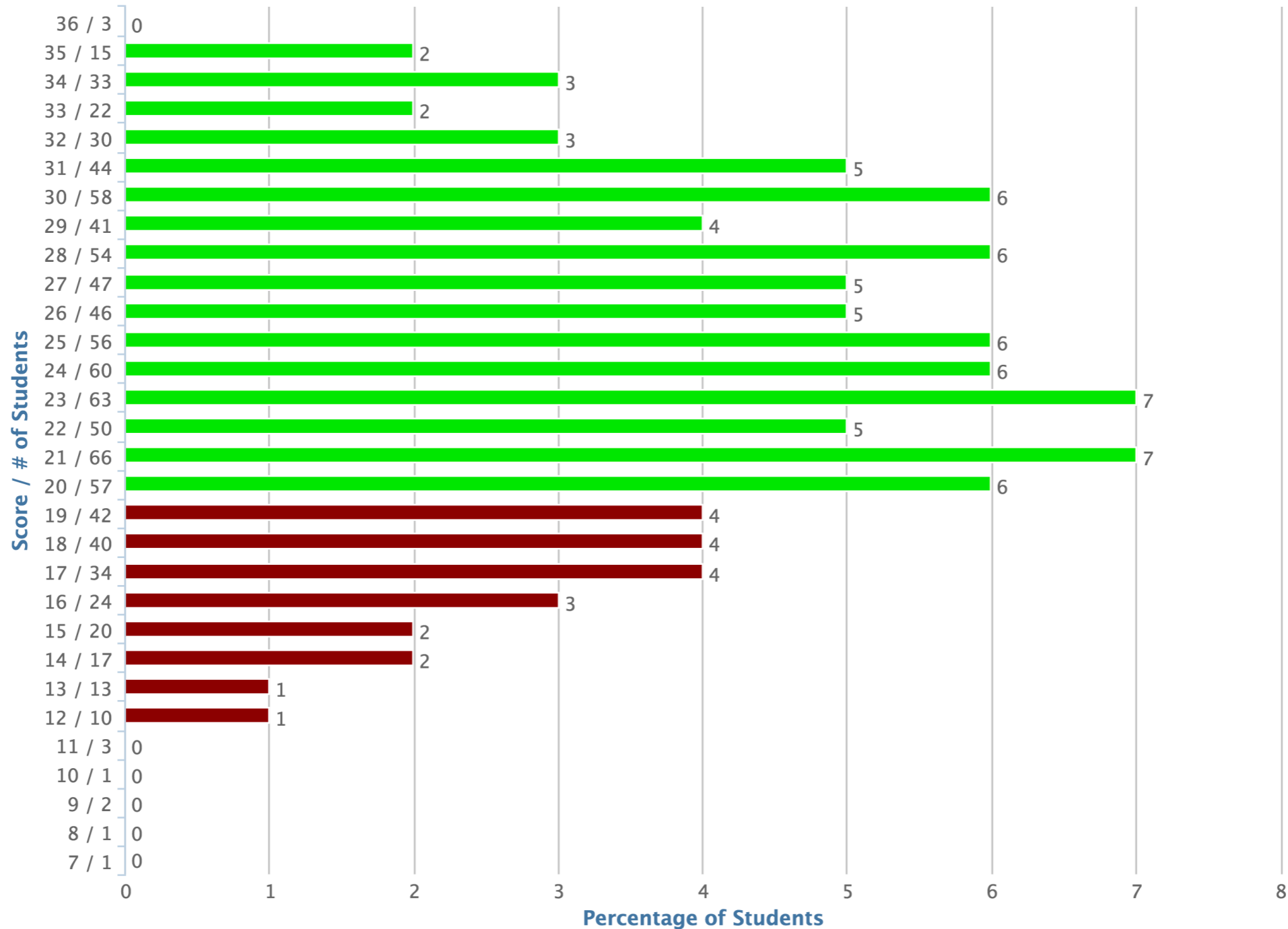


Science



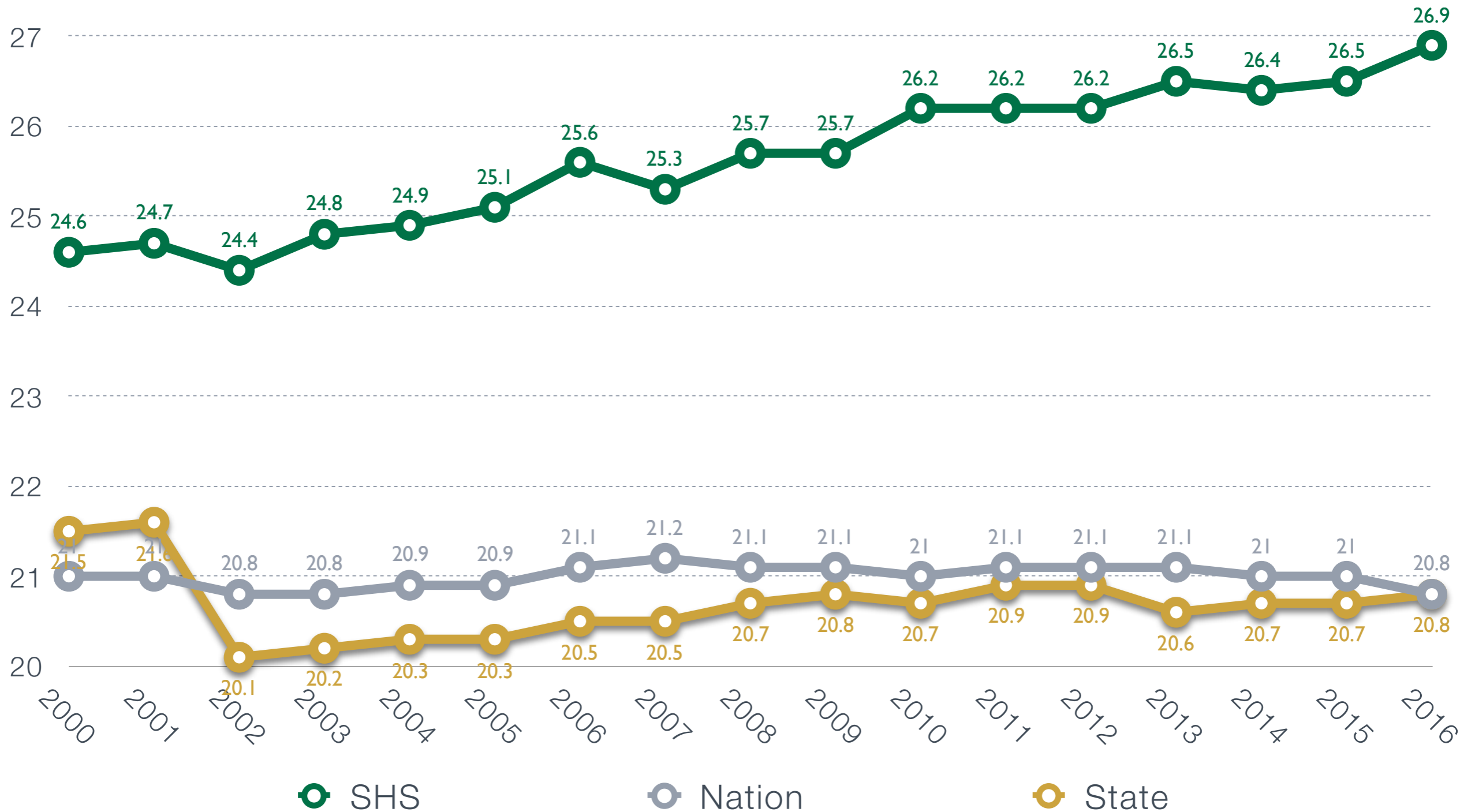
PRACTICE ACT FALL 2016 SCORE FREQUENCY

Frequency Distribution Graph



ACT
PERFORMANCE DATA
2016

GRADUATING CLASS ACT PERFORMANCE LEVELS: COMPOSITE COMPARISON



MARCH ACT

(Class of 2017)

2016

The following graphs show performance results from the 2016 administration of the March ACT.

MARCH ACT ADMINISTRATION OF JUNIORS BY THE NUMBERS (CLASS OF 2017)



224

Number of students earning an ACT Composite score between 31-36. 23% of class.



38

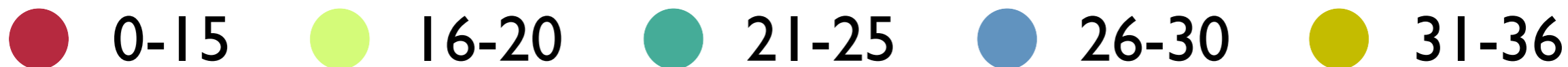
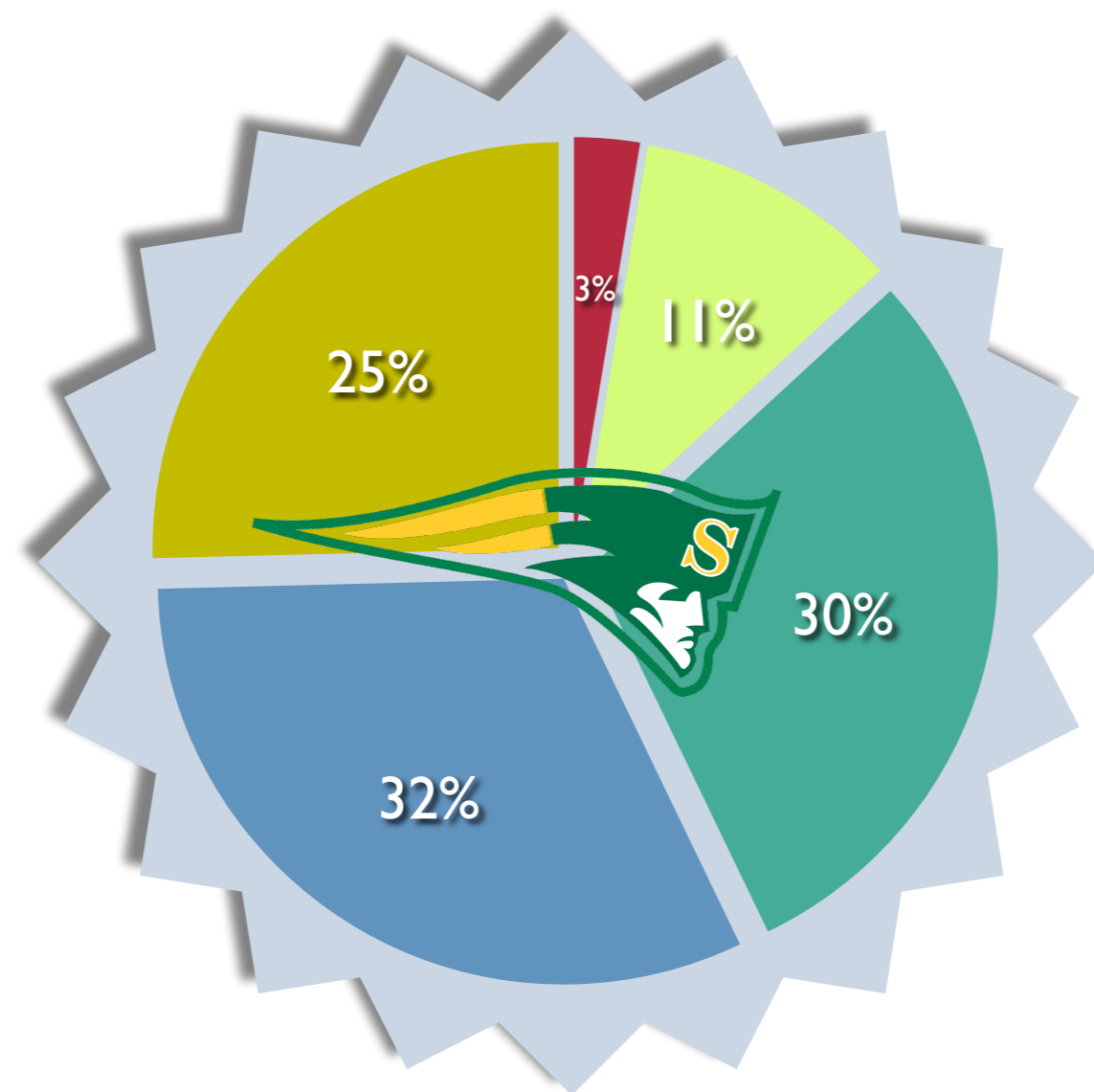
Number of students who scored below the College Readiness Benchmark in all 4 areas (English, Reading, Math, Science). 887 students took the exam



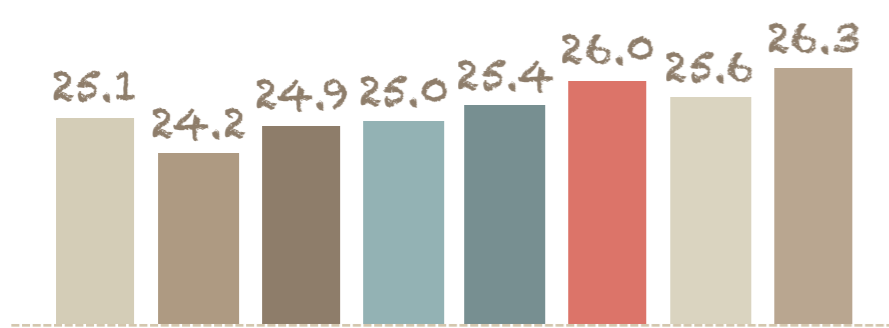
30%

Percentage of juniors who grew 4 or more points in Composite Score from Fall Practice ACT to March ACT. *Note: This only includes scores from students who took both tests.*

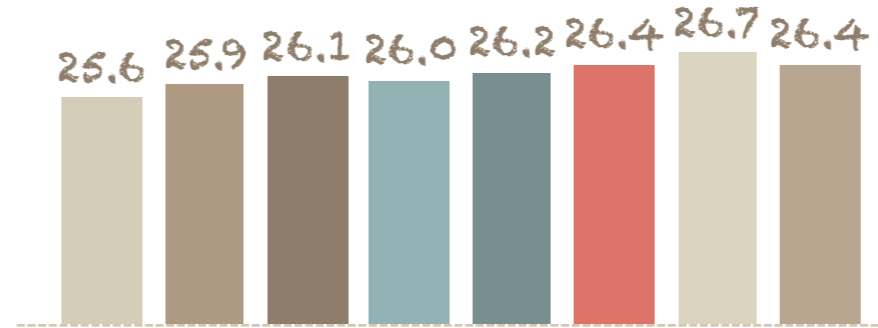
2016 March ACT (Class of 2017) Results: ACT Composite Score By Band



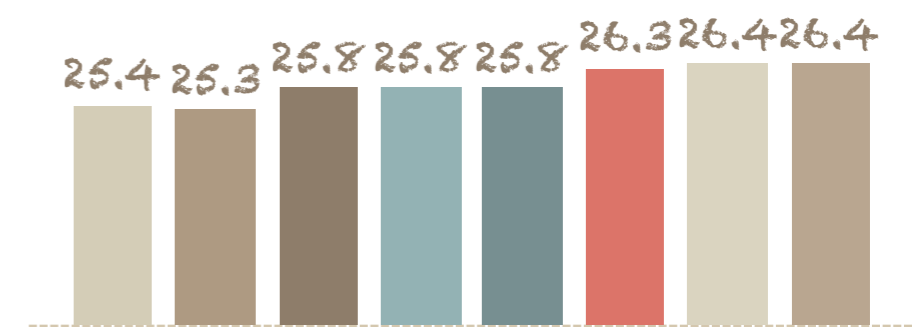
March ACT: Average Subtest Scores by Year



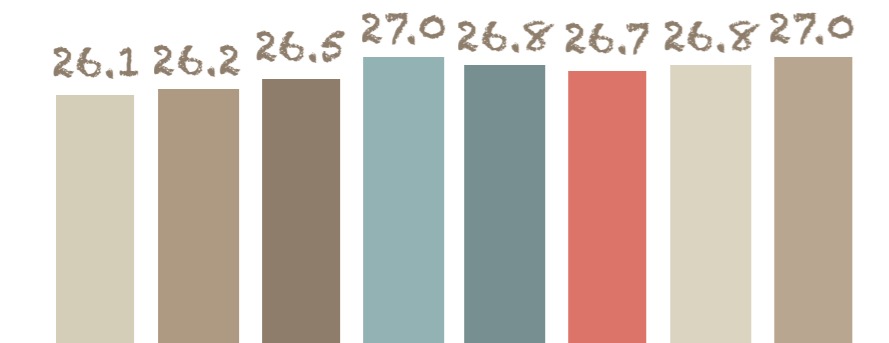
Reading



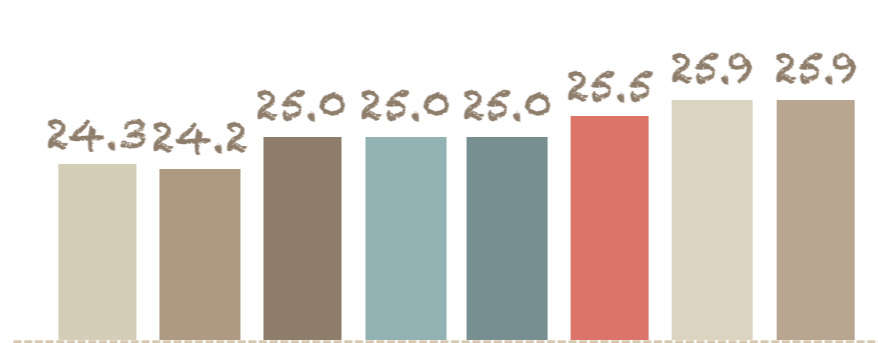
English



Composite



Math



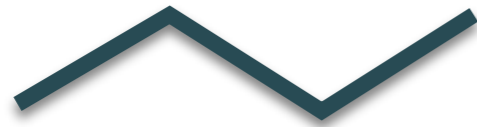
Science



March ACT (Class of 2017) % of College Readiness Benchmark

READING

(COLLEGE READINESS BENCHMARK = 22)



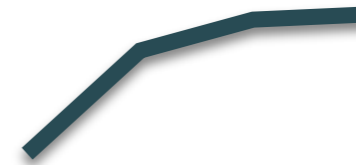
MATH

(COLLEGE READINESS BENCHMARK = 22)



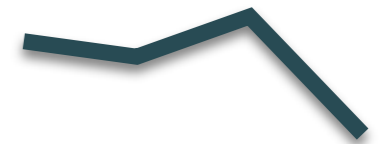
SCIENCE

(COLLEGE READINESS BENCHMARK = 23)



WRITING

(COLLEGE READINESS BENCHMARK = 18)



2016	76.2	80.8	74.9	88.4
2015	72.1	82.4	74.6	92.2
2014	76.2	80.9	72.8	90.9
2013	72.4	82.5	66.8	91.4

EPAS & MARCH ACT

March ACT Exam compared with EPAS Exam Student Performance Data

2016

The following graphs show performance results from the 2016 administration of the March ACT Exam compared with 2015 administration of the EPAS exams.

Growth From Fall Practice ACT to March ACT: Class of 2017

March ACT Band - Composite

Practice ACT Band - Composite

Row Labels	0-15	16-20	21-25	26-30	31-36	Grand Total
31-36				4	143	147
26-30			4	71	117	192
21-25		3	184	131	20	338
16-20	5	45	96	4		150
0-15	10	11	1			22
Grand Total	15	59	285	210	280	849

*Red indicates students who dropped by a score band. Green indicates students who grew by one or more bands.

Average PACT Composite	Average March ACT Composite	Average Growth
24.1	26.4	+2.5

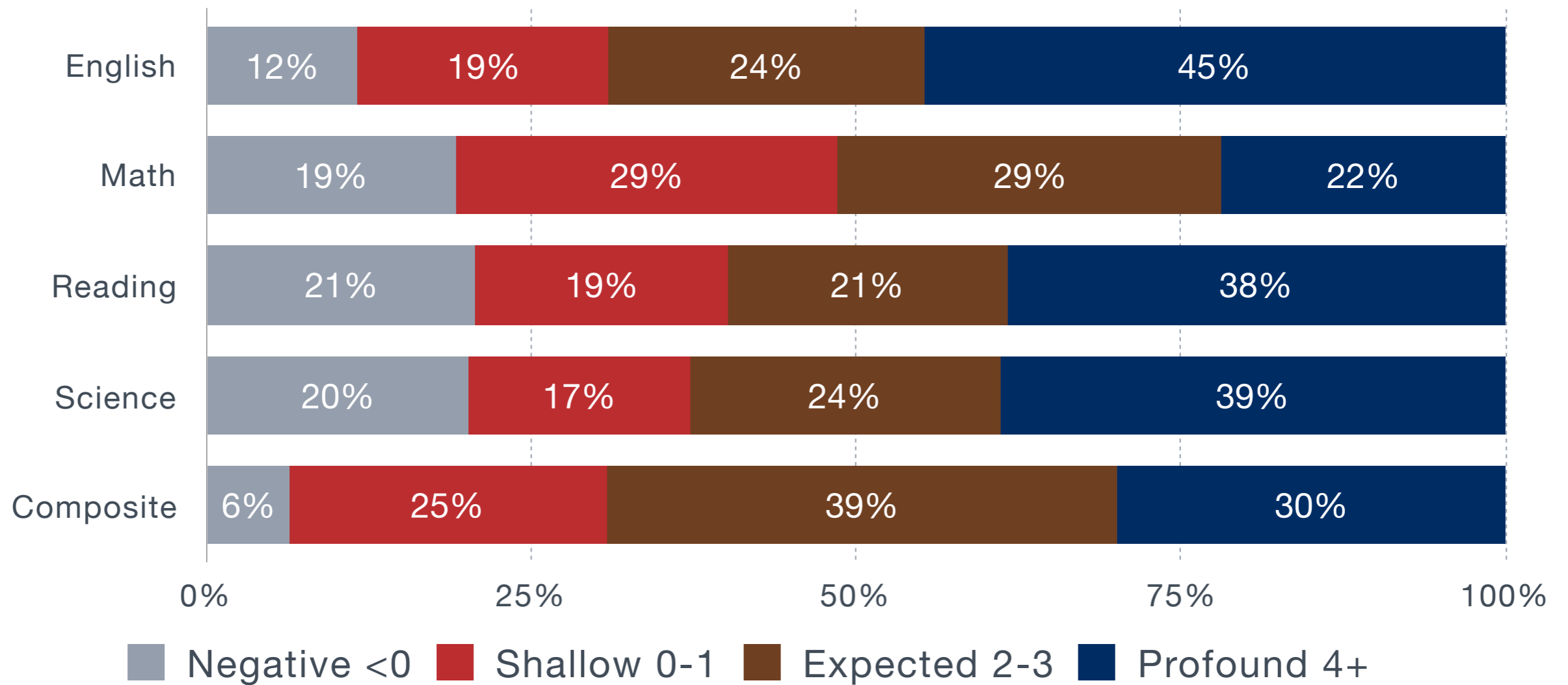
Growth From Fall Practice ACT to March ACT (Class of 2017): Number of Students

Growth (in Points) to State ACT

Composite Band of Practice ACT

	Negative	Near Zero (0-1 pts)	Expected (2-3 pts)	Sufficient (4+ pts)	Average Growth (pts)
0-15	6	4	4	8	2.9
16-20	51	21	11	67	3.1
21-25	141	75	17	105	2.7
26-30	76	44	11	61	2.5
31-36	59	64	11	13	1.5
Grand Total	333	208	54	254	2.5

Growth From Fall Practice ACT to March ACT (Class of 2017): % of class by Subtest



Who Made More Growth?

Comparison of Fall to Spring Growth (Practice ACT to March ACT)

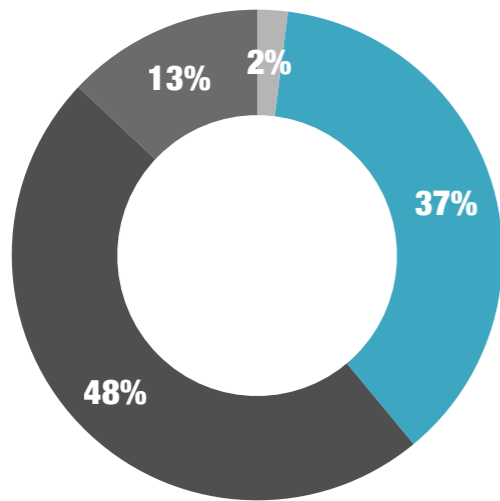
	Graduating Class 2014	Graduating Class 2015	Graduating Class 2016	Graduating Class 2017
Comp	3.9	3.0	3.1	2.5
English	3.9	3.8	3.9	3.1
Math	2.6	2.0	2.0	1.7
Reading	3.3	2.5	2.6	2.7
Science	3.3	3.8	3.8	2.6

Growth Profiles

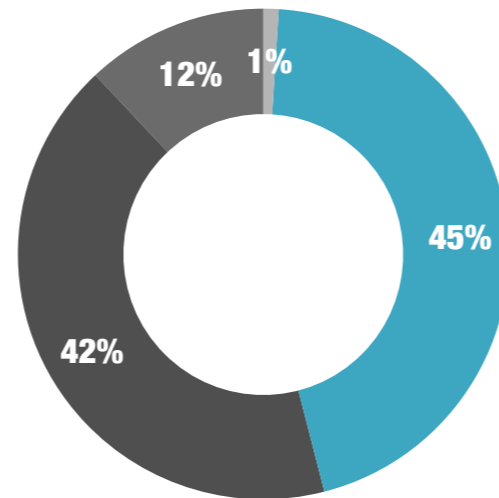
Growth from EXPLORE to March ACT



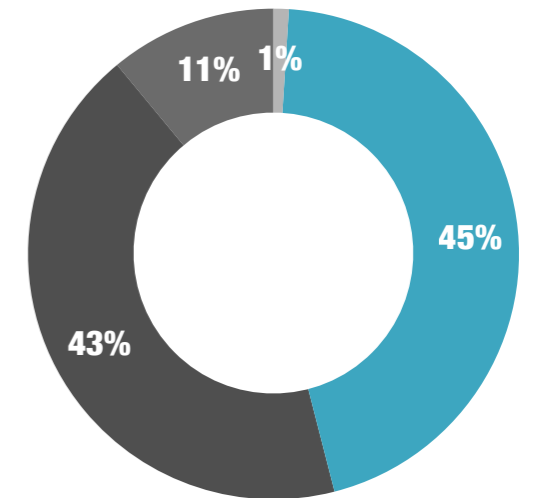
Grad Class of 2012 - All Students



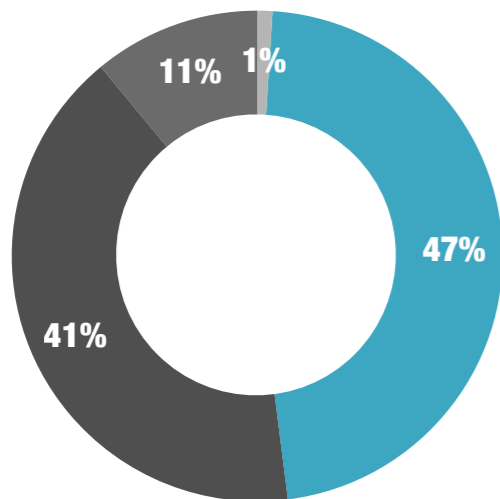
Grad Class of 2014 - All Students



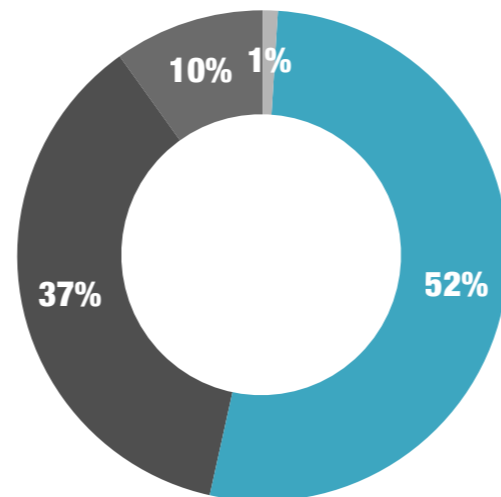
Grad Class of 2016 - All Students



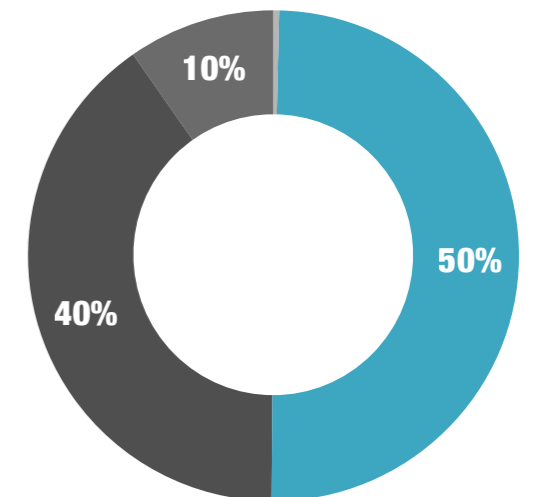
Grad Class of 2013 - All Students



Grad Class of 2015 - All Students



Grad Class of 2017 - All Students



Growth from EXPLORE to March ACT Including At-Risk Subgroups: All Junior Classes

Class of:	Negative Growth <0	Shallow Growth 0-3	Expected Growth 4-7	Profound Growth 8+	Avg Growth (in pts)
2013	1%	11%	41%	47%	7.2
2014	1%	12%	42%	45%	6.9
2015	1%	10%	37%	52%	7.3
2016	1%	11%	43%	45%	7
2017	1%	8%	40%	51%	7.7

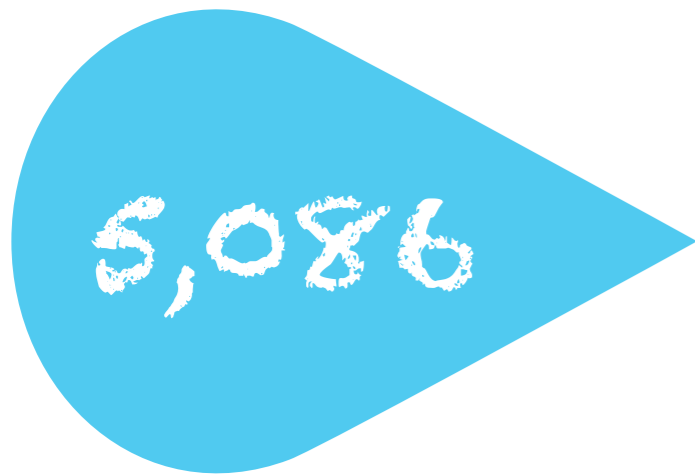
At-Risk Groups	Avg Growth (in pts) IEP	Avg Growth (in pts) No IEP	Avg Growth (in pts) LEP/ ELL	Avg Growth (in pts) Not LEP/ELL
2013	6.1	7.5	8	7.3
2014	4.6	7.1	0.5	6.9
2015	4.8	7.6	5.5	7.3
2016	5.0	7.3	*N/A	*N/A
2017	3.7	7.7	8.5	7.5

*No Class of 2016 LEP students completed both the EXPLORE and March ACT.

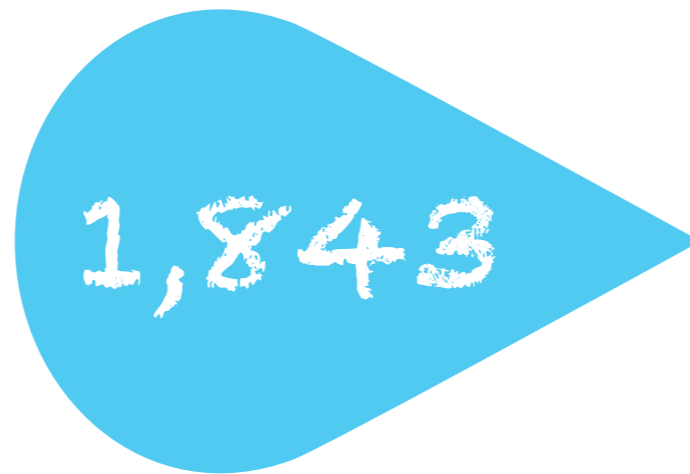
AP
Advanced Placement
Student Performance Data
2016

The following graphs show performance results from the 2016 administration of the Advanced Placement Exams.

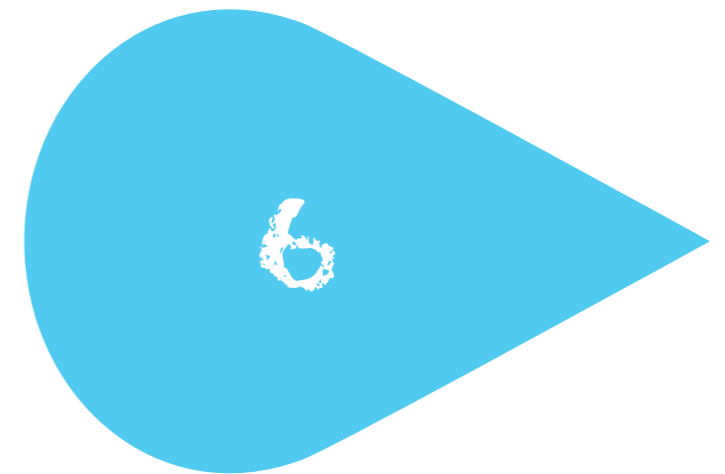
AP: BY THE NUMBERS



Number of AP exams completed by SHS students. An increase of 5%.



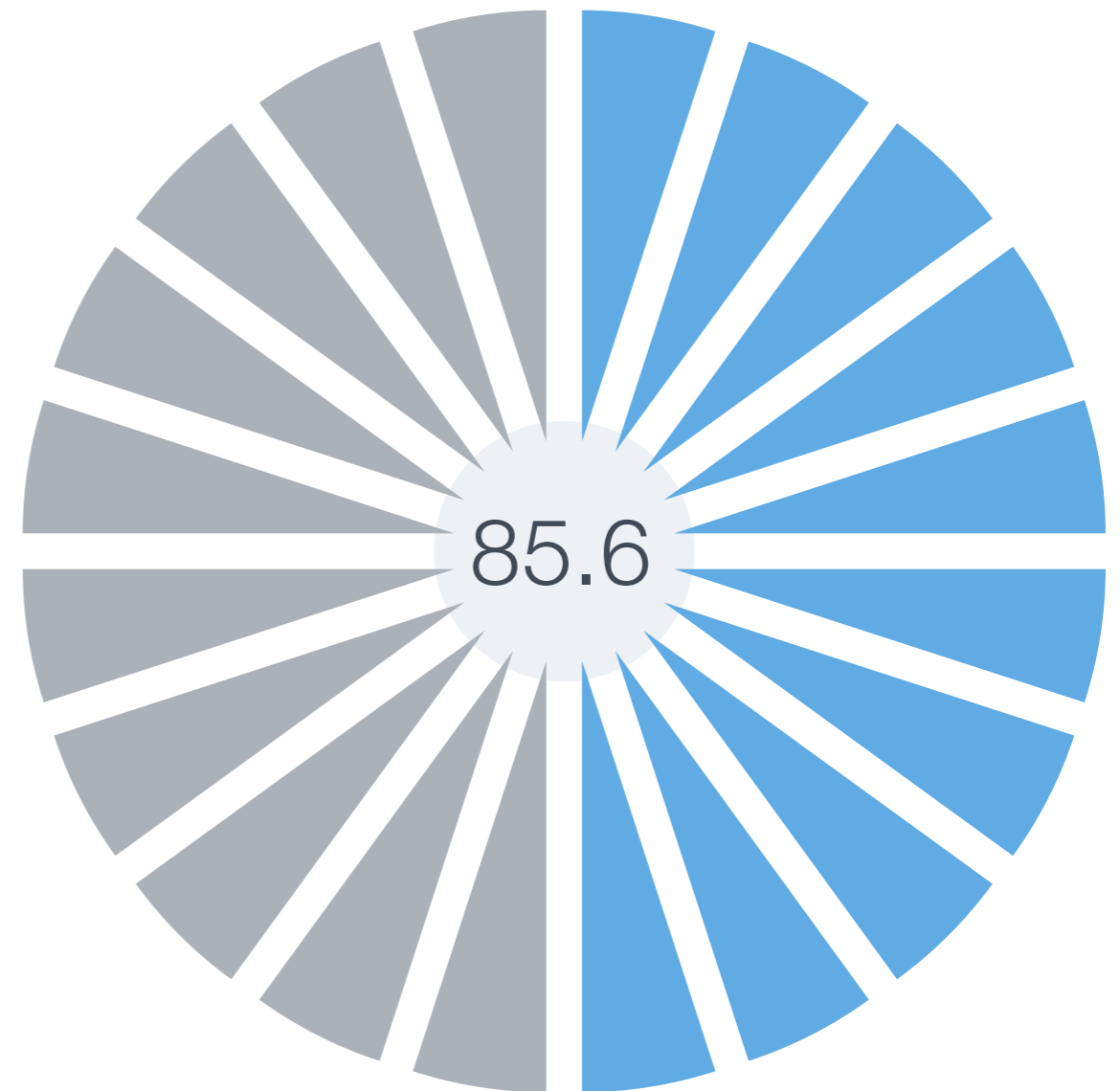
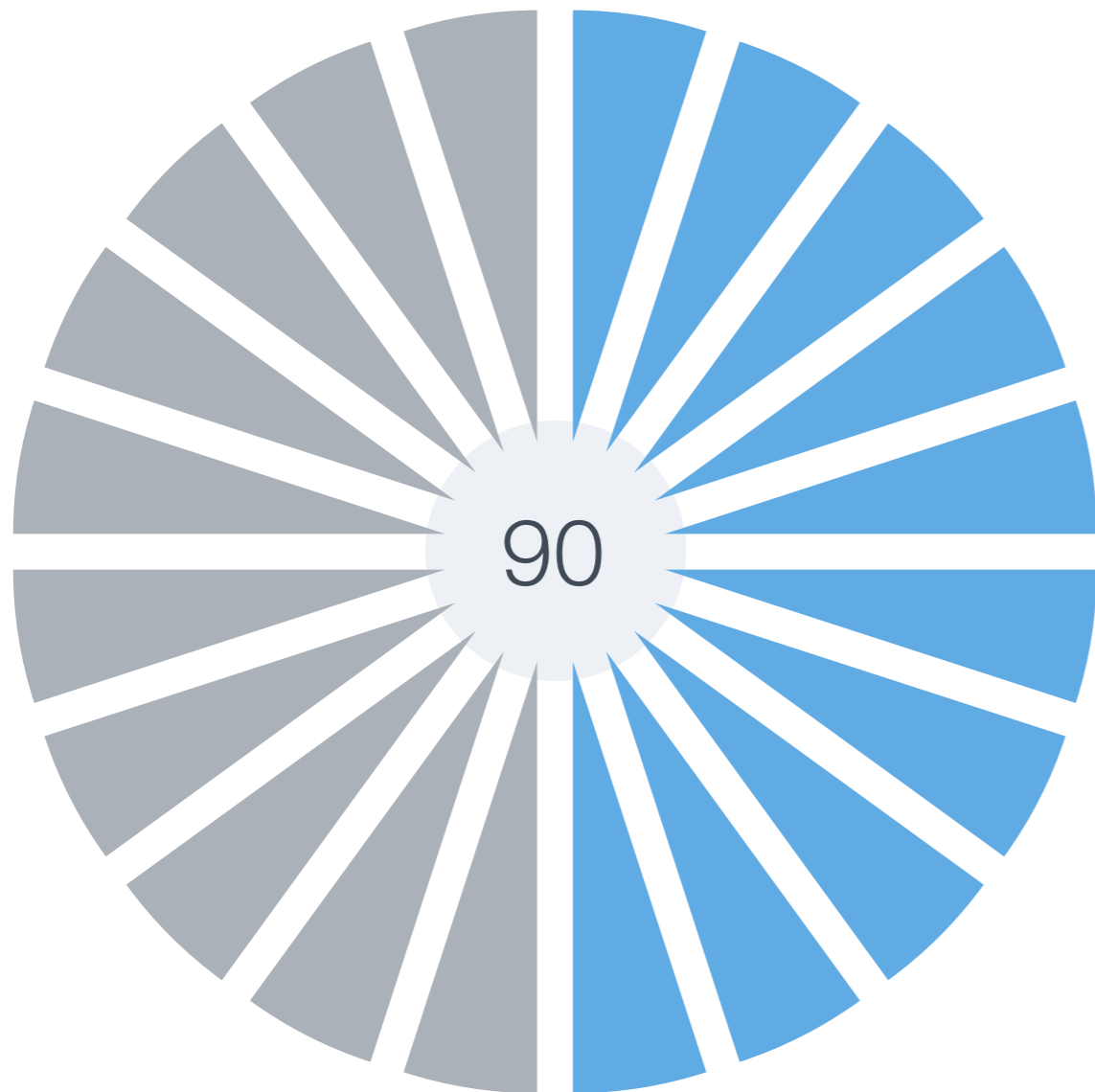
Number of students who completed at least 1 exam. An increase of 78 students.



Number of AP Exams where the number of test takers increased by at least 20%, and the proportion of 3+ scores increased or stayed the same.

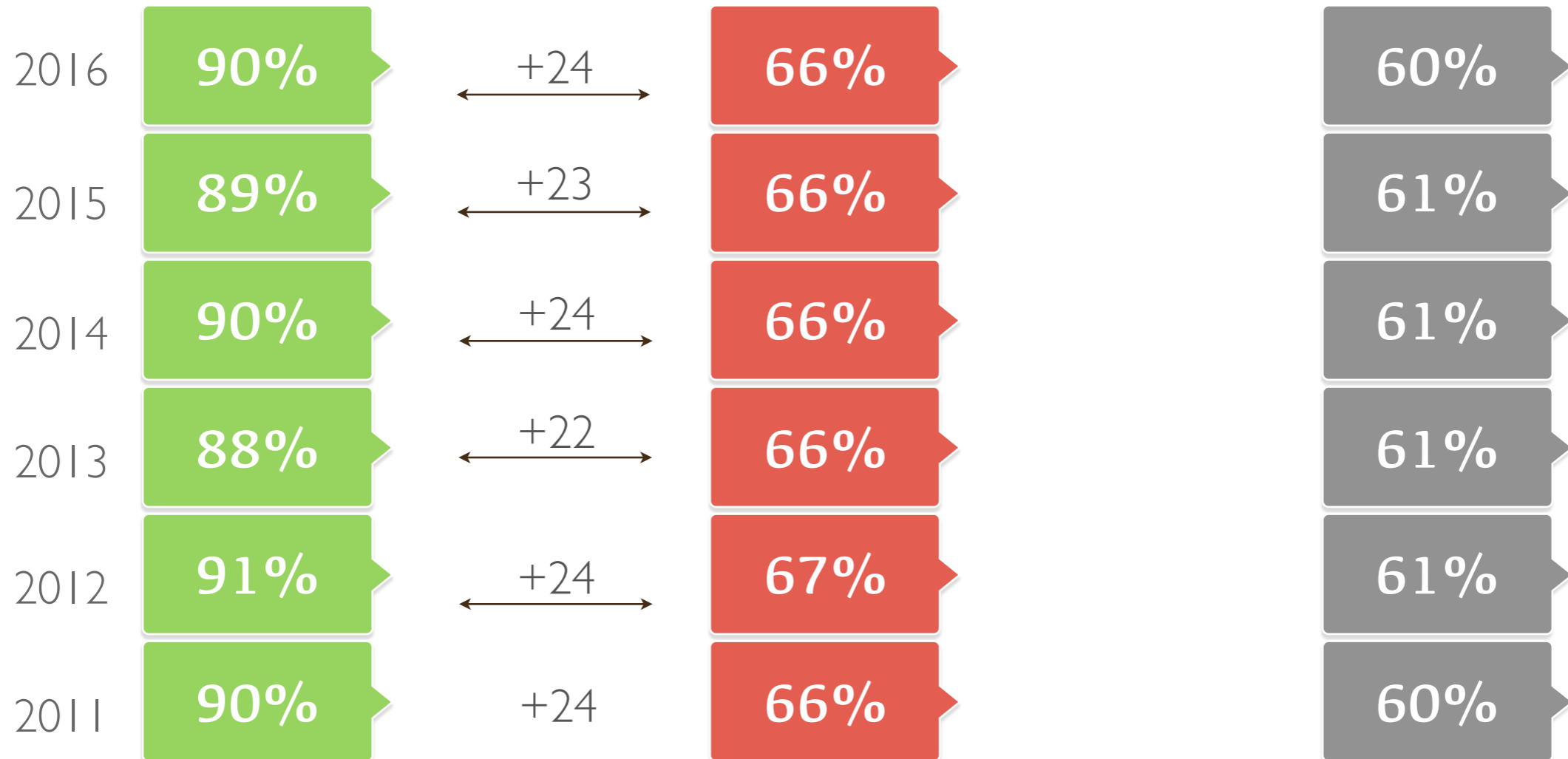
AP: BY THE NUMBERS

90% of our AP STUDENTS earned at least one 3+ score.



85.6% of the EXAMS students wrote received a score of 3+.

AP EXAMS: % STUDENTS WITH 3 OR ABOVE

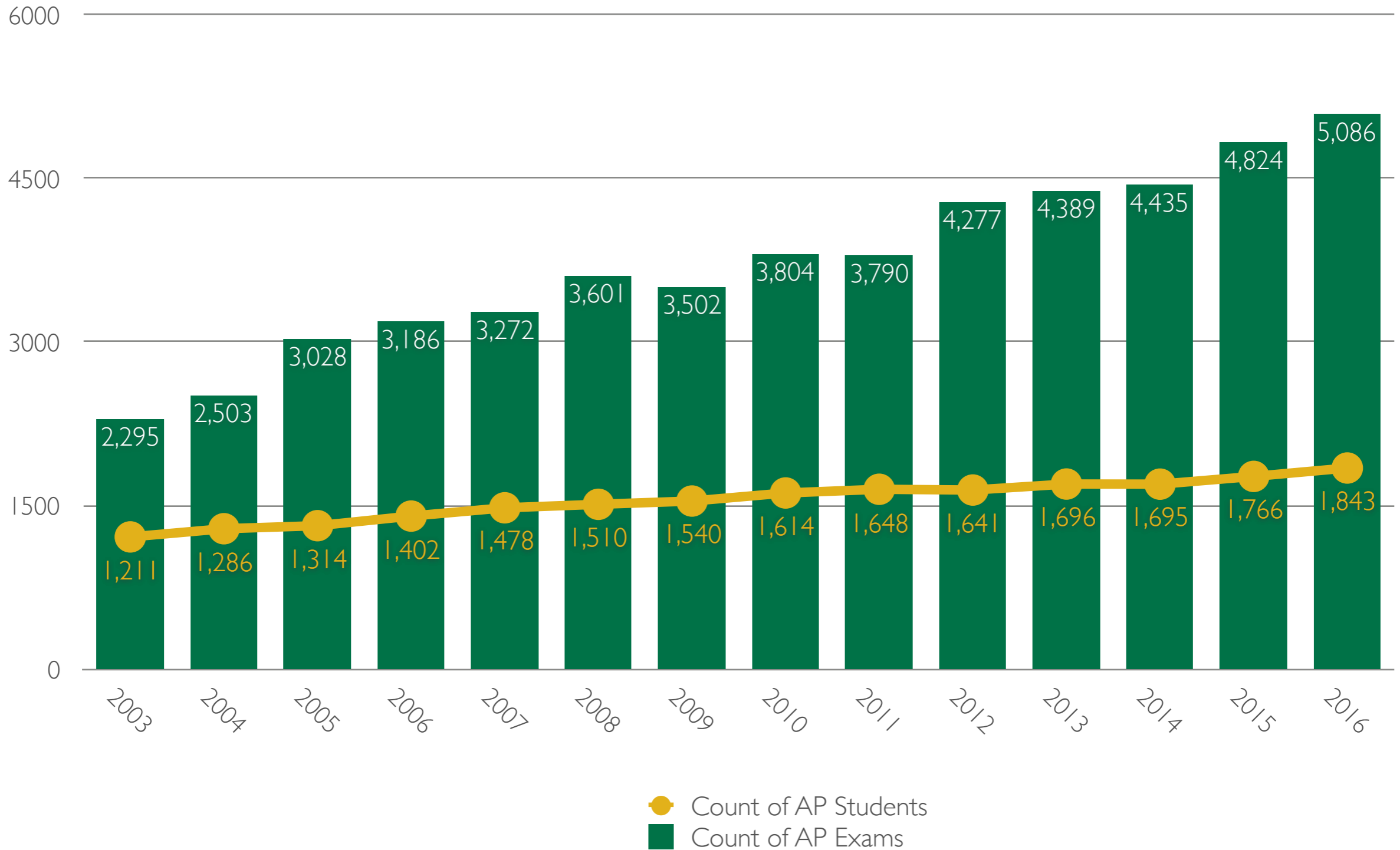


AP EXAMS: # EXAMS SCORING 3 OR ABOVE

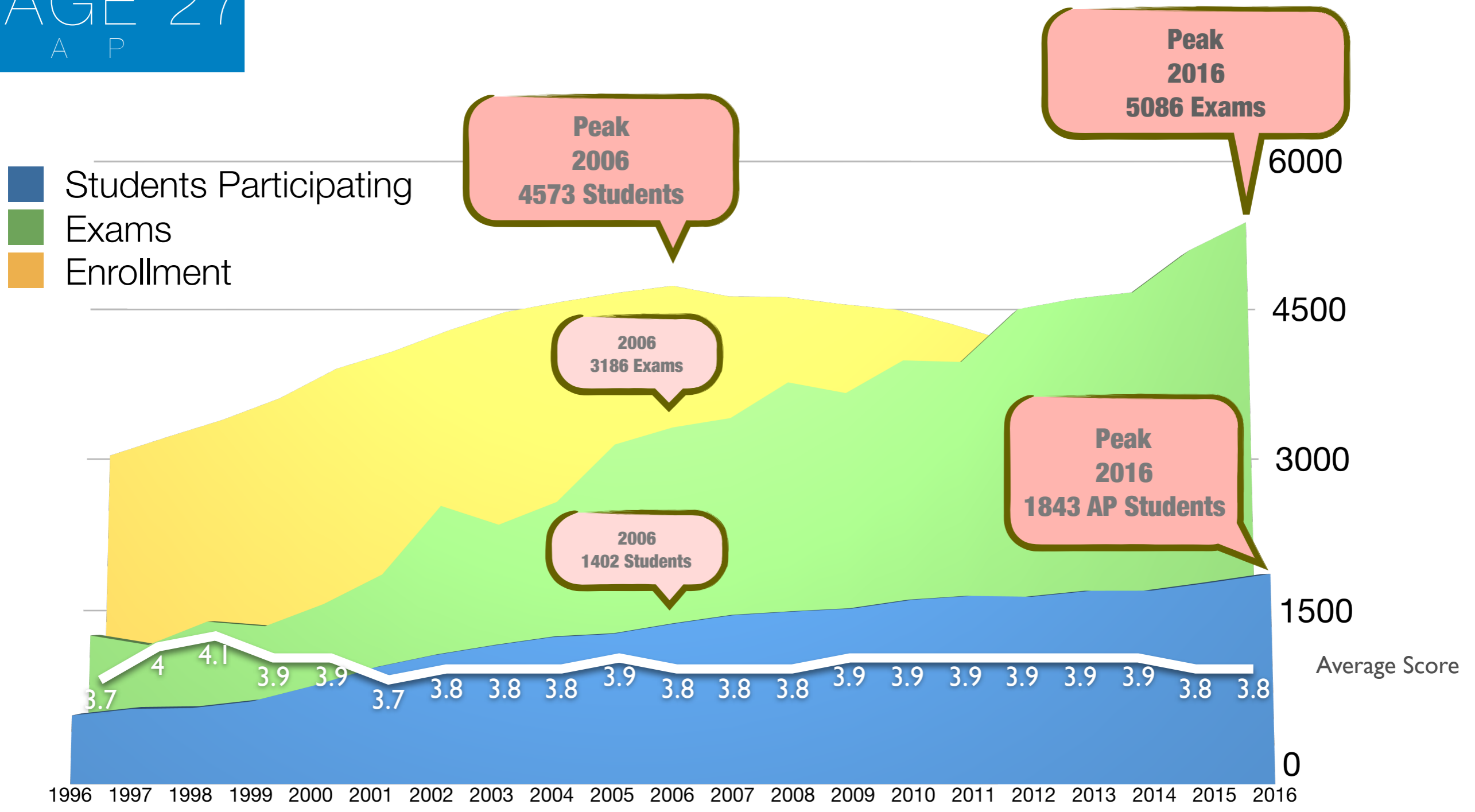


2016	4,351	133,865	2.7 mil
2015	4,114	124,147	2.6 mil
2014	3,866	116,178	2.5 mil
2013	3,767	114,413	2.4 mil
2012	3,663	106,628	2.3 mil
2011	3,310	95,757	2.1 mil

AP Exam Participation



AP Participation



Note: Enrollment data come from ISBE Fall Enrollment Counts.

AP Trend Data (A-Ca)

(Student Count by Exam Subject)

	2008		2009		2010		2011		2012		2013		2014		2015		2016	
	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >
Art History	12	12	6	5	0	0	16	15	0	0	0	0	1	1	13	7	13	13
Art – Studio Drawing	16	16	16	16	10	10	11	11	16	16	15	14	19	19	14	14	3	3
Art – Studio 2D	13	13	18	18	8	8	7	7	3	3	6	6	16	16	11	11	17	17
Art - Studio 3D	0	0	1	1	1	1	2	2	4	4	4	4	0	0	3	3	1	1
Biology	73	72	84	82	86	79	104	97	108	103	119	113	191	184	174	164	225	211
Calculus AB	296	274	254	234	282	256	297	278	292	262	291	258	278	230	263	208	276	203
Calculus BC	146	143	179	173	167	165	180	178	217	217	173	172	219	214	236	232	247	239

AP Trend Data (Ch-Eng)

	2008		2009		2010		2011		2012		2013		2014		2015		2016	
	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >
Chemistry	146	128	131	124	160	139	114	104	139	119	134	113	120	94	146	127	126	107
Chinese Language			2	1	20	19	20	18	29	28	28	25	34	31	34	32	31	29
Comp Sci A	1	1	0	0	13	13	30	30	21	21	28	28	45	45	59	55	82	80
Comp Sci AB	24	22	15	12														
English Language Comp	189	185	212	205	160	157	174	171	208	204	223	218	309	289	288	268	358	333
English Literature	155	152	133	131	165	161	129	121	142	137	163	156	112	105	156	151	140	135

AP Trend Data (Env-Gov)

	2008		2009		2010		2011		2012		2013		2014		2015		2016	
	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >
Enviro. Science	151	139	130	118	169	146	133	123	163	142	138	124	96	90	121	106	84	74
European History	131	115	189	167	168	161	200	189	178	169	189	176	154	138	161	150	161	149
French Language	7	7	20	16	19	16	20	13	22	21	21	20	25	22	17	14	19	14
German Language	7	6	5	5	3	3	3	3	0	0	10	9	4	0	10	7	7	5
Gov & Pol Comp	77	68	38	34	47	41	35	29	62	54	42	36	70	52	66	47	35	25
Gov & Pol US	518	327	473	352	572	423	557	368	618	430	559	372	527	379	546	379	533	376

AP Trend Data (H-M)

	2008		2009		2010		2011		2012		2013		2014		2015		2016	
	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >
Human Geography	187	164	171	144	192	169	134	125	120	115	168	145	179	171	197	174	262	234
Italian Language															1	1		
Japanese Lang							1	1	6	6	2	2	2	2	2	2	4	4
Latin	14	11	12	5	12	8			6	3	9	4	6	5	7	3	7	2
Macro Econ	145	112	157	123	192	155	156	120	281	223	285	209	242	190	285	210	279	198
Micro Econ	166	120	115	97	106	89	116	93	64	55	158	124	158	114	150	130	122	106
Music Theory	21	17	25	20	10	9	14	13	12	10	19	16	15	13	17	14	17	12

AP Trend Data (P)

	2008		2009		2010		2011		2012		2013		2014		2015		2016	
	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >
Physics B	171	166	220	214	246	231	253	243	287	266	314	288	279	259				
Physics 1															477	379	489	387
Physics 2															1	1	41	34
Physic C Mech	18	17	16	16	25	24	37	37	52	52	86	84	76	74	82	77	106	100
Physics C E&M	18	16	15	14	24	24	37	37	28	28	85	79	76	66	82	71	100	87
Psychology	261	245	216	199	266	248	263	243	333	312	295	283	346	328	344	332	337	326

AP Trend Data (S-W)

	2008		2009		2010		2011		2012		2013		2014		2015		2016	
	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >
Spanish Language	76	71	80	76	89	85	121	117	97	93	112	105	156	156	154	154	192	192
Spanish Literature	25	25	15	15	10	10	12	12	26	24	22	22	18	18	8	8	17	16
Statistics	178	133	156	126	160	128	160	120	160	146	189	149	146	133	174	152	197	178
US History	357	256	397	319	390	304	450	389	458	396	483	409	511	425	522	429	557	460
World History	1	1	1	1	0	0	3	3	4	4	5	4	4	3	3	2	1	1

AP Trend Data (Total Number of Exams)

	2008		2009		2010		2011		2012		2013		2014		2015		2016	
	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >	Grand Total	Total 3 or >
Total Exams	3600	3034	3502	3063	3772	3282	3789	3310	4156	3663	4375	3767	4434	3866	4824	4114	5086	4351
% of Scores 3 or >	84.3%		87.5%		87%		87.4%		88.1%		89.4%		87.2%		85.3%		85.6	

AP Trend Data (SHS Student Enrollment)

	2008	2009	2010	2011	2012	2013	2014	2015	2016
10 Enrollment	1101	1117	1080	1034	950	968	920	916	1076
11 Enrollment	1098	1099	1119	1066	1040	941	981	922	966
12 Enrollment	1169	1106	1114	1141	1082	1034	943	995	990
Grand Total	3368	3322	3313	3241	3072	2943	2844	2833	3032

Enrollment numbers taken from ISBE's Fall Enrollment Counts.

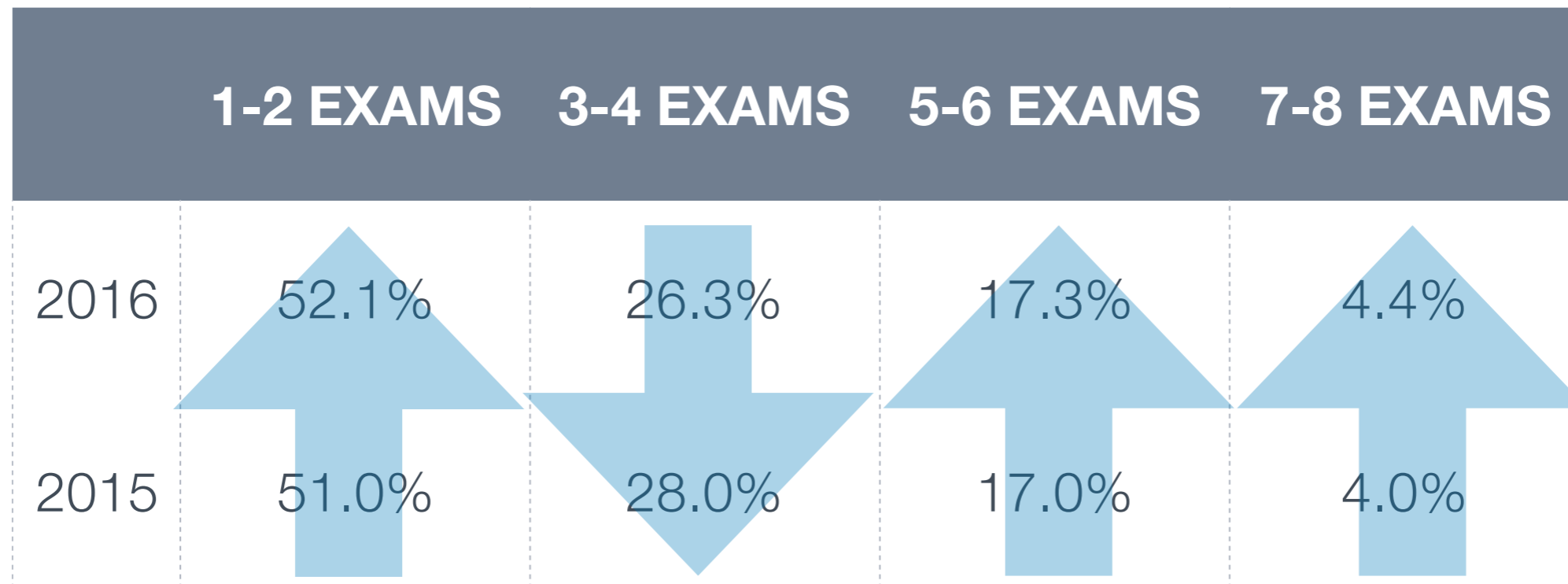
AP Summary Data by Exam

Exam	# of Exams Scoring 3+	% of Exams Scoring 3+ 3+	Mean Score	Modal Score
Art History	13	100.00%	3.69	3
Music Theory	12	70.59%	3.59	5,4,2
Studio Art: 2-D Design Portfolio	17	100.00%	4.41	5
Studio Art: 3-D Design Portfolio	1	100.00%	4.00	4
Studio Art: Drawing Portfolio	3	100.00%	4.33	5
English Language and Composition	333	93.02%	3.99	5
English Literature and Composition	135	96.43%	4.20	5
Comparative Government and Politics	25	71.43%	3.51	5
European History	149	92.55%	3.95	5,4
Human Geography	234	89.31%	3.99	4
Macroeconomics	198	70.97%	3.32	4
Microeconomics	106	86.89%	3.89	5
Psychology	326	96.74%	4.48	5
United States Government and Politics	376	70.54%	3.16	3
United States History	460	82.59%	3.54	4
World History	1	100.00%	5.00	5
Calculus AB	203	73.55%	3.39	5
Calculus BC	239	96.76%	4.71	5
Computer Science A	80	97.56%	4.30	5
Statistics	178	90.36%	3.99	5
Biology	211	93.78%	3.75	4
Chemistry	107	84.92%	3.66	4
Environmental Science	74	88.10%	3.99	4
Physics 1	387	79.14%	3.42	4
Physics 2	34	82.93%	3.39	3
Physics C: Electricity and Magnetism	87	87.00%	4.18	5
Physics C: Mechanics	100	94.34%	4.53	5
Chinese Language and Culture	29	93.55%	4.32	5
French Language and Culture	14	73.68%	3.21	3
German Language and Culture	5	71.43%	3.00	3
Japanese Language and Culture	4	100.00%	4.50	5
Latin	2	28.57%	2.43	2
Spanish Language and Culture	192	100.00%	4.47	5
Spanish Literature and Culture	16	94.12%	4.29	5
Total	4351	85.55%	3.81	5

AP EXAMS: DATA BY DIVISION

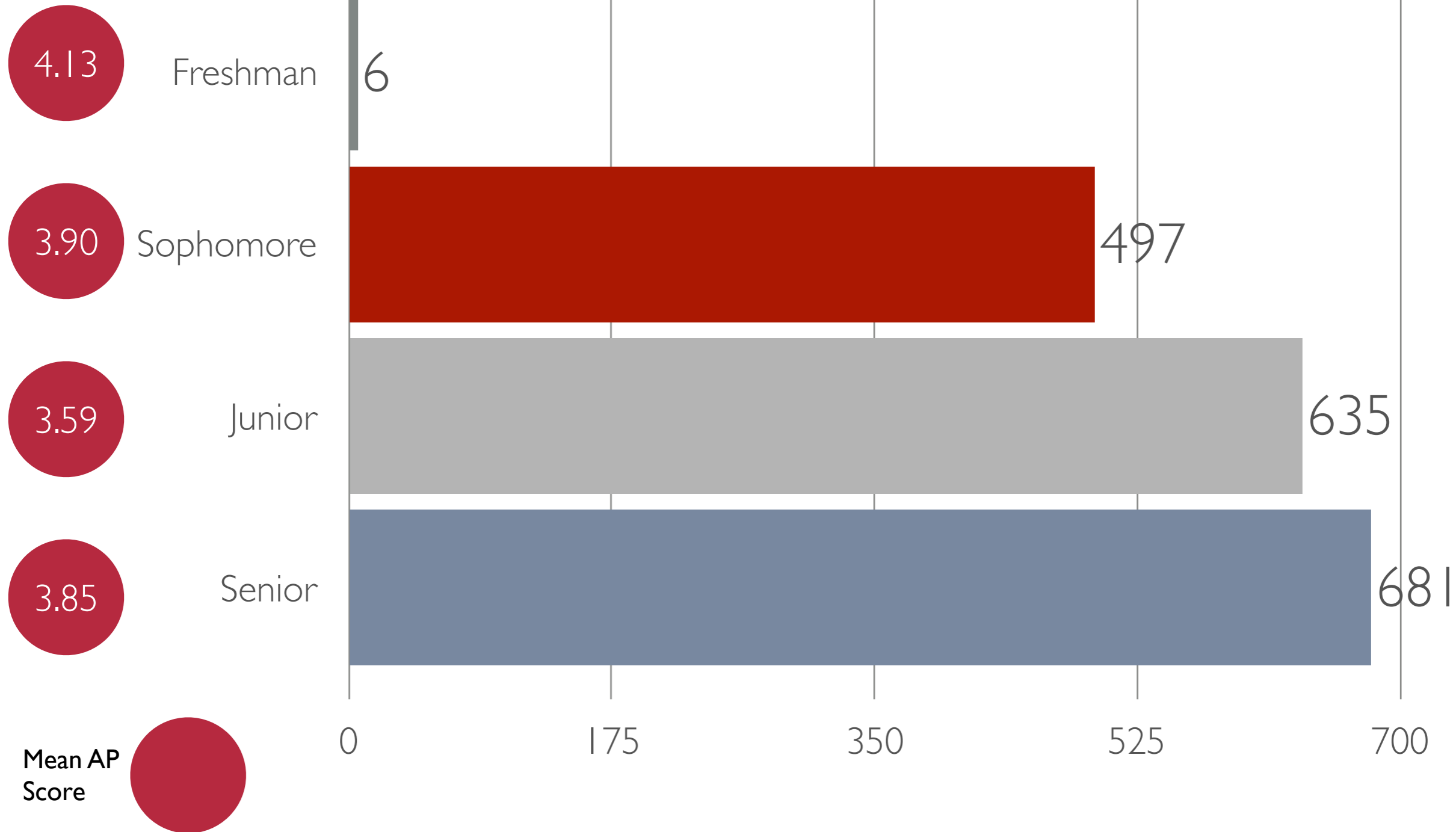
	Mean Score	# of Exams	% of Exams 3+
Fine Arts	4.0	51	90.2%
Communication Arts	4.1	498	94.0%
Social Studies	3.9	2287	82.0%
Mathematics	4.1	802	87.3%
Science	3.9	1171	85.4%
World Languages	3.8	277	94.6%

2016 VS. 2015 DISTRIBUTION OF AP EXAMS



* ARROW SHOWS TREND FROM PREVIOUS YEAR.

OF AP STUDENTS BY CLASS - 2016



AP Score vs. March ACT Reading Score

Average 2016 AP Score

	1	2	3	4	5	Total
0-15	1		3	1		5
16-20	6	15	8	9	3	41
21-25	4	26	61	51	8	150
26-30	2	10	44	72	19	147
31-36	2	6	45	118	88	259
Total	15	57	161	251	118	602

2016 March ACT Reading Band

*Red highlighting shows most common average AP score for each ACT reading band.
*Sample size reduced by students who did not complete both exams in 2016.

March ACT Composite vs. Average AP Score Class of 2017

Average 2016 AP Score

2016 March ACT Composite Band

	1	2	3	4	5	Total
0-15			1			1
16-20	5	7	1	1	1	15
21-25	8	34	53	29	5	129
26-30	1	15	87	123	17	243
31-36	1	1	19	98	95	214
Total	15	57	161	251	118	602

*Red highlighting shows most common average AP score for each ACT reading band.

*Sample size reduced by students who did not complete both exams in 2016.

March ACT Score as a Predictor of AP Score Class of 2017

Average 2016 AP Score

March ACT Composite Score Band	1	2	3	4	5	Count of ACT Scores	
	0-15	0%	0%	100%	0%	0%	1
	16-20	33%	47%	7%	7%	7%	15
	21-25	6%	26%	41%	22%	4%	129
	26-30	0%	6%	36%	51%	7%	243
	31-36	0%	0%	9%	46%	44%	214
	Count of AP Scores	15	57	161	251	118	602

*Red highlighting shows most common average AP score(s) for each ACT composite band.

*Sample size reduced by students who did not complete both exams in 2016.

COLLEGE READINESS

ACT vs College Board Standards

2016

The following graphs give a quick glance at the differences between ACT and College Board standards with subsequent data comparing Stevenson student performance on each of these standards.

College Readiness Benchmarks ACT vs. PSAT (College Board)

ACT College and Career Readiness Benchmarks

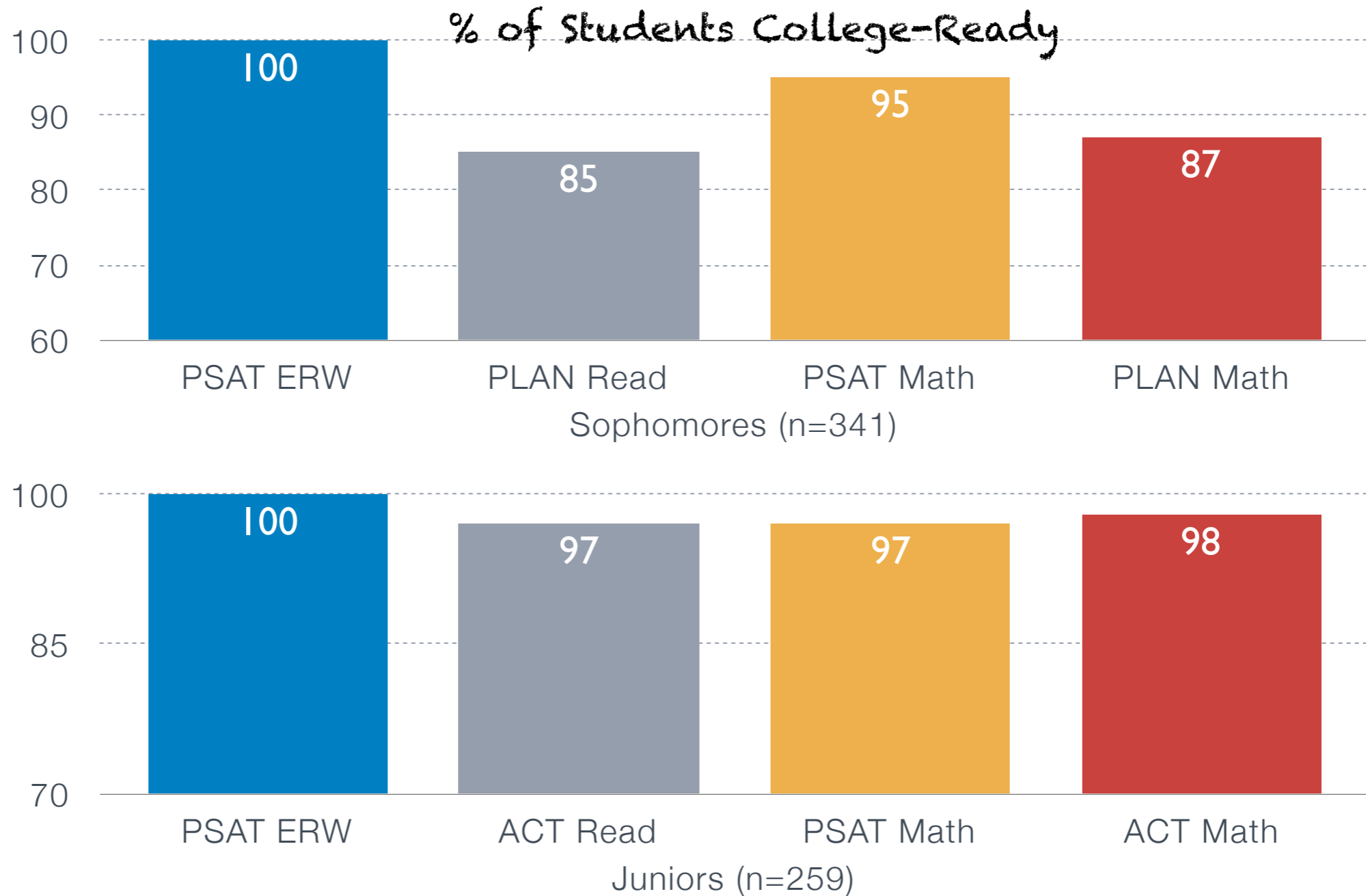
College Course or Course Area	ACT Subject-Area Test	ACT Explore Benchmark (8th)	ACT Explore Benchmark (9th)	ACT Plan Benchmark	The ACT Test Benchmark
English Composition	English	13	14	15	18
Social Sciences	Reading	16	17	18	22
College Algebra	Mathematics	17	18	19	22
Biology	Science	18	19	20	23

PSAT/NMSQT College and Career Readiness Benchmarks for 10th and 11th Graders

	Evidence-Based Reading and Writing	Mathematics
10th grade PSAT/NMSQT	430	480
11th grade PSAT/NMSQT	460	510

2015-16 College Readiness

*Students who took both PSAT and EPAS



2016 US NEWS BEST ILLINOIS HIGH SCHOOLS

State Rank	School Name	Students:Teachers	College Readiness*
1	Northside College Prep-Chicago	18:1	93.0
2	Walter Payton College Prep-Chicago	14:1	92.7
3	Whitney Young Magnet-Chicago	18:1	80.1
4	Jones College Prep	17:1	78.8
5	SHS	15:1	73.3
6	Lane Technical High School	18:1	72.8
7	Deerfield High School	14:1	68.6
8	Phoenix Military Academy	22:1	68.3
9	Lindblom Math and Science Academy	14:1	65.3
10	Hinsdale Central	N/A	61.2

* College Readiness is based on the percentages of 12th graders who were tested and passed AP exams. The maximum index score is 100.

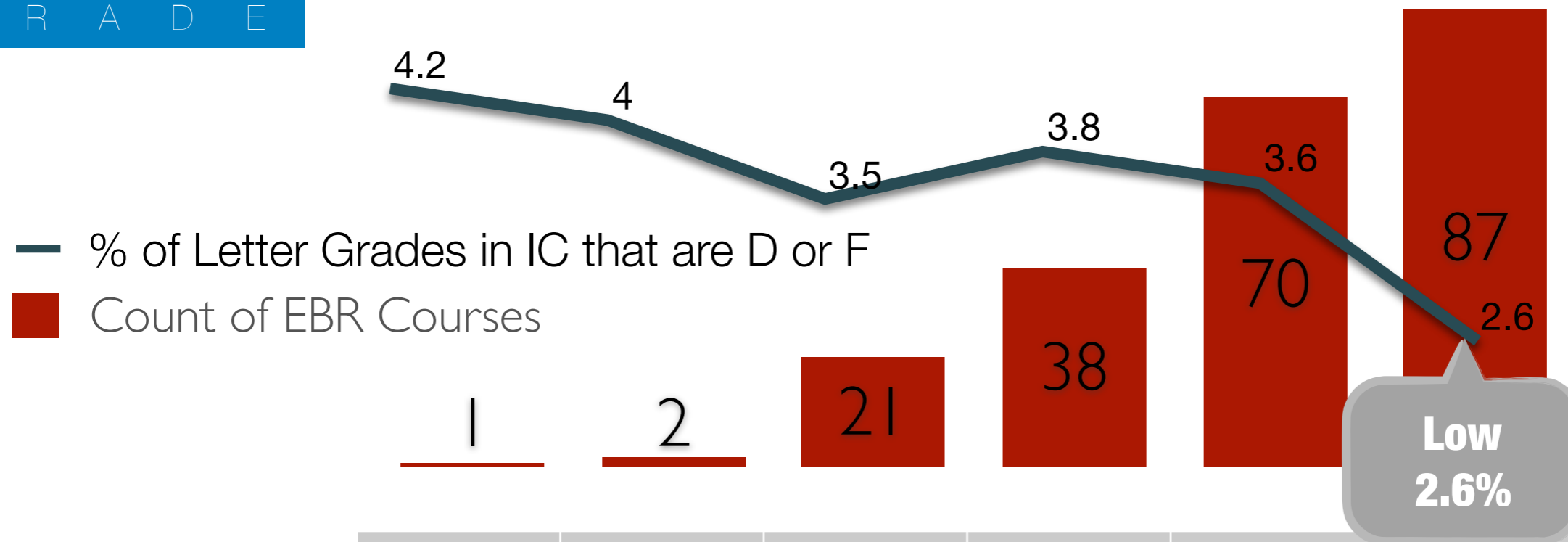
GRADE DISTRIBUTION

Second Semester 2015-2016

2016

The following graphs give a quick glance at Second Semester Grades of the 2015-2016 school year.

SEMESTER 2 D & F REPORT BY SCHOOL YEAR



	2011	2012	2013	2014	2015	2016
% of Letter Grades in IC that are D or F	4.2	4.0	3.5	3.8	3.6	2.6
Count of EBR Courses	1	2	21	38	70	87

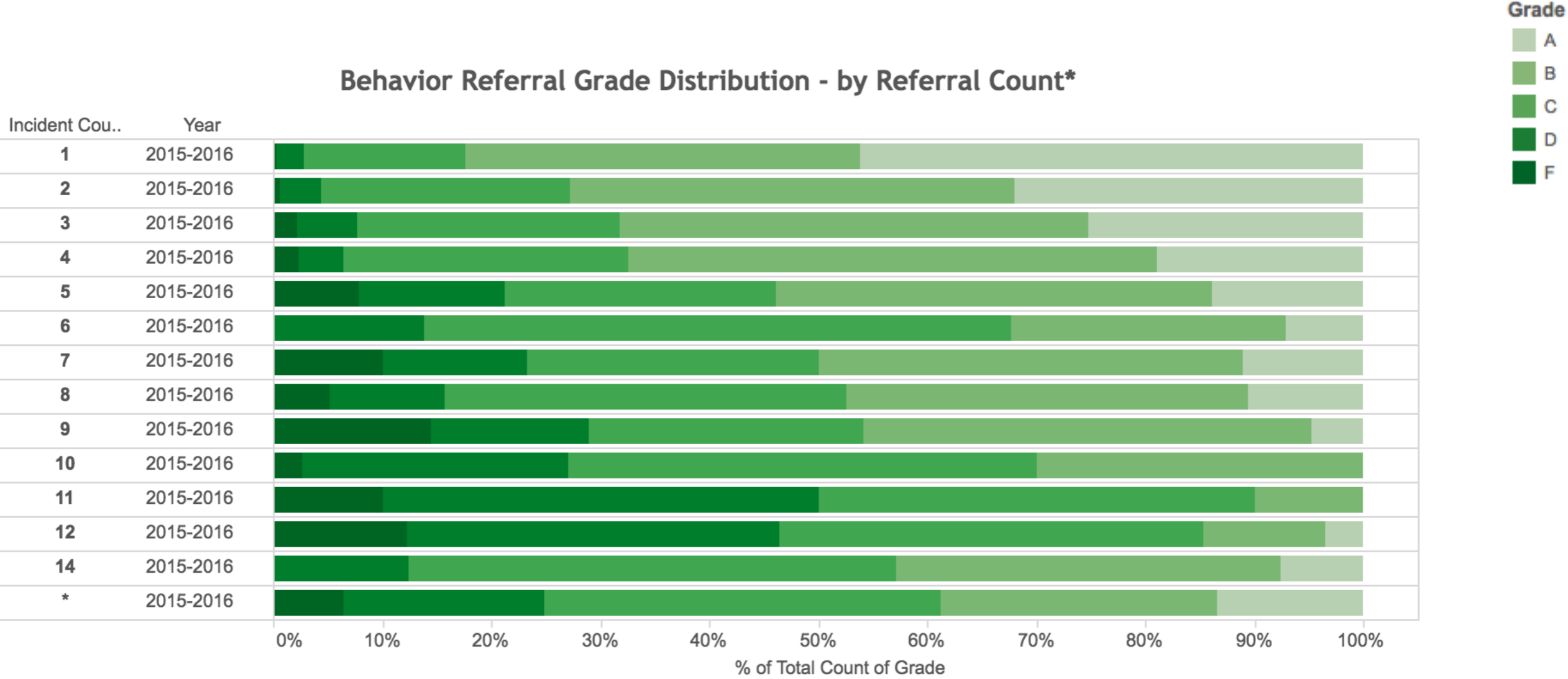
2015-16 Sem. 1 Grade Distribution

Division	A	B	C	D	F
Applied Arts	77.54%	16.02%	4.94%	1.30%	0.20%
Communication Arts	42.93%	42.69%	11.90%	2.18%	0.30%
Fine Arts	79.70%	16.18%	3.19%	0.63%	0.30%
Mathematics	54.22%	28.82%	12.74%	3.35%	0.87%
Physical Welfare	81.11%	12.09%	4.62%	0.92%	1.25%
Science	50.13%	34.82%	12.04%	2.67%	0.34%
Social Studies	50.78%	33.85%	12.30%	2.68%	0.38%
Special Education	57.27%	27.96%	10.74%	2.68%	1.34%
World Languages	70.16%	21.45%	8.04%	0.32%	0.03%

Grade Distribution by Number of Behavior Referrals

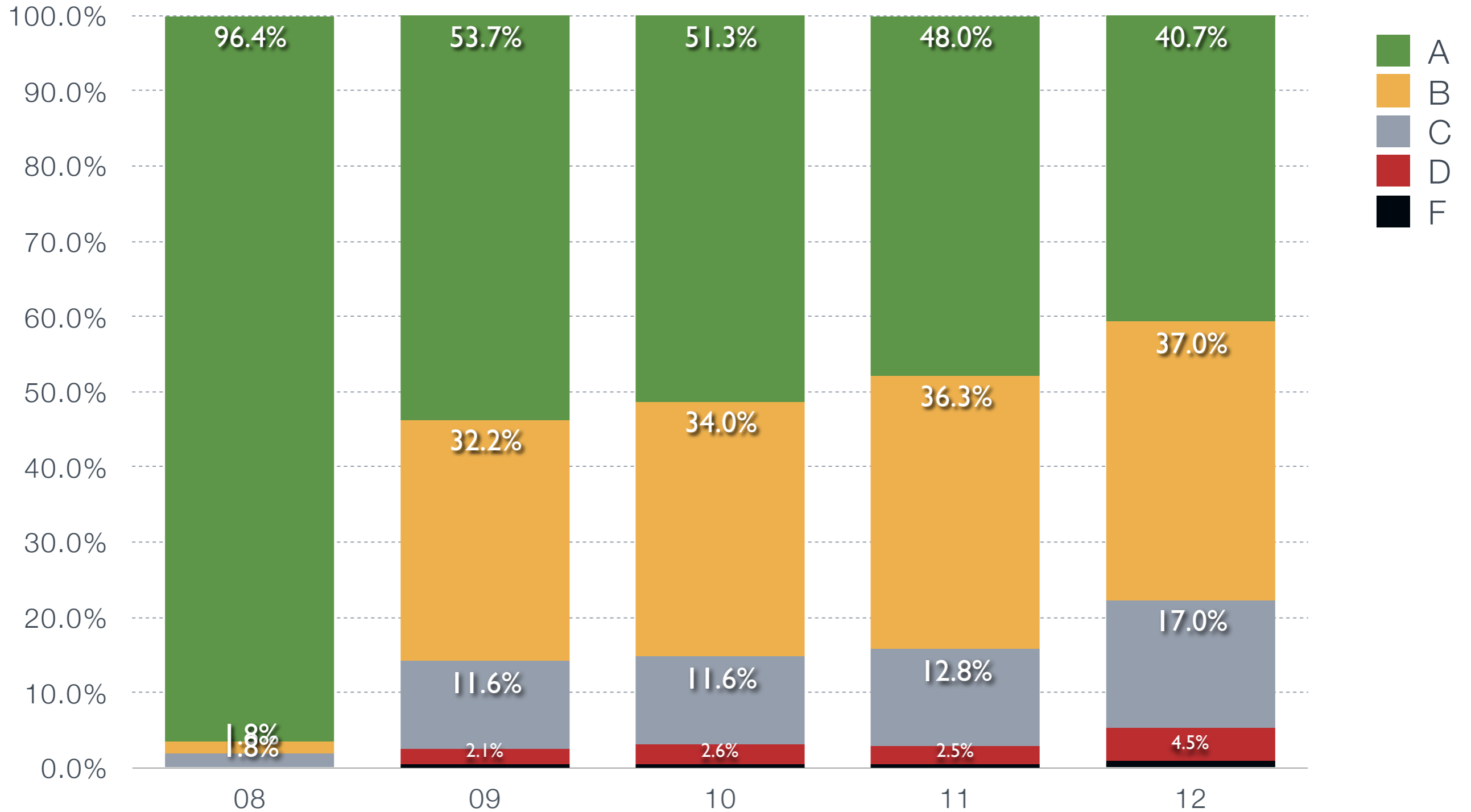
Using 2015-16 Sem. 1 & Sem 2 Final Grades

Behavior Referral Grade Distribution - by Referral Count*



*Grades utilized for distribution analysis are end of term grades only.

Grade Distribution by Grade Level



Spring Semester 2015-2016 Final Exams

Percentage of Exams in each Letter Grade and Grade Level category.

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Overall
A	77%	45%	37%	35%	23%	37%
B	19%	33%	39%	39%	27%	36%
C	0%	14%	16%	18%	22%	16%
D	0%	5%	6%	6%	14%	7%
F	4%	3%	2%	2%	14%	4%

Number of Exams in each Letter Grade and Grade Level category.

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Overall
A	20	1621	1447	864	326	4278
B	5	1199	1551	951	388	4094
C		489	634	445	319	1887
D		184	237	142	206	769
F	1	100	81	40	198	420

*Red text indicates which grade level had the highest percentage of students earn that grade on final exams.

The Overall column in the final exam data includes 8th grader exam scores.

Final exam data for 8th graders is for students taking Geometry Honors. These students attended SHS and followed the SHS class and finals schedule.