

# CEEB TESTING AND PLACEMENT CLASS OF 2019 A PROFILE

December 16, 2019



## Summary of Plans Class of 2019 Percent of Total Graduates

CLASSIFICATION	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Four-Year Colleges	83	84	89	85	84	88	89	86.44	88.01	87.73	88.28	92.5	91.5	92.5	90.7	91.2
Jr./Specialized Schools	7	6	4	9	7	4.5	4	5.51	5.62	4.46	5.44	1.43	4	3.1	3.7	2.6
Prep Schools	3	1	2	3	2	1.5	1	2.96	.75	1.86	2.51	.36	.4	.68	0	1.1
Total Continuing Ed.	93	91	95	97	92	94	93	94.91	94.38	94.05	96.23	94.29	95.9	96.3	94.4	94.9
Employment	5	5	1	1	3	5	1	2.96	.75	3.34	2.09	3.93	3	.68	3.7	2.9
Military Service	2	1	1	0	1	1	0	.42	0	0	.42	.71	0	.68	0	.4
Gap Year / other program	0	2	5	2	4	0	6	1.69	2.25*	.74	.42	.71	.7	.68	1.6	.4
Undecided									2.62	1.86	.84	.36	.3	1.7	.3	1.5

\*Prior to 2012 category included Gap Year and other programs as well as students who were undecided in their plans. In 2012 the Gap Year and other program students were separated.



# SAT Summary

SAT Test Section	Questions	Content	Timing
<b>Evidence-based reading &amp; writing</b>	<i>Reading</i> 52 standard multiple-choice <i>Writing</i> 44 standard multiple-choice	<ul style="list-style-type: none"><li>•Relevant words in context <i>(Reading, Writing)</i></li><li>•Command of evidence <i>(Reading, Writing)</i></li><li>•Expression of ideas <i>(Writing)</i></li><li>•Standard English conventions <i>(Writing)</i></li></ul>	<b>100 minutes</b> <i>Reading</i> One 65-minute section <i>Writing</i> One 35-minute section
<b>Mathematics</b>	45 standard multiple-choice 13 student-produced response	<ul style="list-style-type: none"><li>•The heart of algebra</li><li>•Passport to advanced math</li><li>•Problem solving &amp; data analysis</li></ul>	<b>80 minutes</b> One 25-minute section (no calculator) One 55-minute section (calculator allowed)
<b>Essay (optional)</b>	1 evidence-based essay	<ul style="list-style-type: none"><li>•Analyzing a source</li></ul>	<b>50 minutes</b> One 50-minute essay



## Comparison of Test Length and Timing: Pre-March-2016 SAT and New SAT

### Pre-March-2016 SAT

### New SAT

Component	Time (min.)	Questions	Component	Time (min.)	Questions
Critical Reading	70	67	Reading	65	52
Writing	60	49	Writing and Language	35	44
Essay	25	1	Essay (optional)	50	1
Mathematics	70	54	Mathematics	80	58
<b>Total</b>	<b>225</b>	<b>171</b>	<b>Total</b>	<b>180 (230 with Essay)</b>	<b>154 (155 with Essay)</b>



## Comparison of the Major Features: Pre-March-2016 SAT and New SAT

Category	Pre-March-2016 SAT	New SAT
<b>Total Testing Time</b>	3 hours and 45 minutes	3 hours (plus 50 minutes for the Essay [optional])
<b>Components</b>	1. Critical Reading 2. Writing 3. Mathematics 4. Essay	1. Evidence-Based Reading and Writing <ol style="list-style-type: none"> <li>1. Reading Test</li> <li>2. Writing and Language Test</li> </ol> 2. Math 3. Essay (optional)
<b>Important Features</b>	<ul style="list-style-type: none"> <li>• Emphasis on general reasoning skills</li> <li>• Emphasis on vocabulary, often in limited contexts</li> <li>• Complex scoring (a point for a correct answer and a deduction for an incorrect answer; blank responses have no impact on scores)</li> </ul>	<ul style="list-style-type: none"> <li>• Focus on the knowledge, skills, and understandings that research has identified as most important for college and career readiness and success</li> <li>• Greater emphasis on the meaning of words in extended contexts and on how word choice shapes meaning, tone, and impact</li> <li>• Rights-only scoring (no penalty for guessing)</li> </ul>
<b>Essay</b>	<ul style="list-style-type: none"> <li>• Required and given at the beginning of the SAT</li> <li>• 25 minutes to write the essay</li> <li>• Tests writing skill; students take a position on a presented issue</li> </ul>	<ul style="list-style-type: none"> <li>• Optional and given at the end of the SAT; postsecondary institutions determine whether they will require the Essay for admission</li> <li>• 50 minutes to write the essay</li> <li>• Tests reading, analysis, and writing skills; students produce a written analysis of a provided source text</li> </ul>
<b>Score Reporting</b>	<ul style="list-style-type: none"> <li>• Scale ranging from 600 to 2400</li> <li>• Scale ranging from 200 to 800 for Critical Reading; 200 to 800 for Mathematics; 200 to 800 for Writing</li> <li>• Essay results scaled to multiple-choice Writing</li> </ul>	<ul style="list-style-type: none"> <li>• Scale ranging from 400 to 1600</li> <li>• Scale ranging from 200 to 800 for Evidence-Based Reading and Writing; 200 to 800 for Math; 2 to 8 on each of three dimensions for Essay</li> <li>• Essay results reported separately</li> </ul>
<b>Subscore Reporting</b>	None	Subscores for every test, providing added insight for students, parents, admission officers, educators, and counselors



# SAT Mean Score Comparison

Total Group Combined 1600		
Hingham	Mass.	National
1200	1120	1059

Total Group Reading & Writing		
Hingham	Mass.	National
601	559	531

Total Group Mathematics		
Hingham	Mass.	National
600	561	528



# SAT Subject Tests

## Hingham High School Class of 2019 SAT Subject Test Mean Scores

Subject	2018 Number	2018 Mean	2019 Number	2019 Mean
Biology-Ecological	26	613	25	654
Biology-Molecular	25	667	13	640
Chemistry	15	686	22	650
French	*	*	5	*
Literature	20	642	18	672
Mathematics I	11	653	16	669
Mathematics II	29	695	25	700
Physics	14	683	14	659
Spanish	*	*	6	*
US History	29	668	22	703
World History	*	*	6	*



# ACT

- Curriculum based measure of college readiness—  
an achievement test
- Four subtests with an optional writing section
  - English
  - Math
  - Reading
  - Science
- Scored from 1-36





# Hingham High School Class of 2019

## ACT Scores Local, State, and National Comparisons

English		
Hingham	Mass.	National
28.1	25.5	20.1

Mathematics		
Hingham	Mass.	National
27.5	25.2	20.4

Reading		
Hingham	Mass.	National
28.7	26.1	21.2

Science		
Hingham	Mass.	National
25.5	24.8	20.6

Composite		
Hingham	Mass.	National
27.9	25.5	20.7

## Hingham ACT Scores 2008-2019

Year	Number Tested	English	Math	Reading	Science	Composite
2008	55	25.4	27.0	25.5	24.7	25.7
2009	48	23.9	24.8	24.6	23.0	24.2
2010	67	26.1	26.0	26.1	24.7	25.9
2011	55	26.1	25.7	26.2	23.8	25.5
2012	80	24.4	24.9	24.7	23.4	24.5
2013	96	24.6	24.6	24.4	23.5	24.4
2014	63	25.8	25.6	25.9	24.6	25.6
2015	105	25.8	25.4	26.4	24.9	25.7
2016	125	26.4	26.6	27.3	25.9	26.6
2017	156	26.7	26.7	27.4	26.1	26.8
2018	131	26.6	26.6	26.5	25.5	26.4
2019	96	28.1	27.5	28.7	25.5	27.9



# AP 5 Year Score Summary



## SCHOOL SUMMARY

	2015	2016	2017	2018	2019
Total AP Students	228	254	261	266	255
Number of Exams	434	482	516	484	472
AP Students with Scores 3+	226	248	250	251	241
% of Total AP Students with Scores 3+	99.1	97.6	95.8	94.4	94.5



# 2019 AP Mean Grade Comparison

	Hingham	Massachusetts	National
Biology	4.39	3.17	2.93
Calculus AB	4.39	3.18	2.97
Calculus BC	4.25	4.03	3.8
Chemistry*		3.11	2.74
Chinese*		3.92	4.19
Computer Science A*		3.43	3.27
English Language	4.24	3.11	2.78
English Lit. & Comp.	4.35	2.95	2.62
Environmental Science*		3	2.68
European History	4.18	3.13	2.9
French Lang. & Cult.	3.83	3.55	3.29
Human Geography*		3	2.55
Italian Language *		2.98	3
Latin*		3.30	2.95
Macroeconomics*		3.24	2.94
Music Theory	4.31	3.6	3.1
Physics C E&M	3.27	3.72	3.61
Physics C Mechanics	4	3.91	3.76
Psychology	2.92	3.26	3.09
Research*		2.88	3.12
Seminar*		3.03	3.04
Spanish Language	4.36	3.75	3.69
Spanish Lit. & Culture	4.14	3.33	3.10
Statistics	4.41	3.00	2.86
Studio Art 3-D*		2.96	3.08
US Government & Politics*		3.02	2.73
US History	4.24	3.21	2.71
World History	4.59	3.29	2.76



## Benchmark Schools Comparison AP Exams Grades 3 and Higher

District	#of Tests	1	2	3	4	5	% Score 3+
Andover	960	33	157	238	278	254	80.2
Braintree	686	23	85	159	253	166	84.3
Canton	550	31	115	180	141	83	73.5
Cohasset	324	3	43	81	83	114	85.8
Concord-Carlisle	615	9	28	96	199	283	94.0
Dedham	452	74	120	133	82	43	57.1
Hingham	467*	6	21	74	168	198	94.2
Hull	111	2	27	35	34	13	73.9
Lexington	1,825	23	94	244	571	893	93.6
Marblehead	645	27	96	215	182	125	80.9
Milton	729	58	132	209	185	145	73.9
Needham	892	16	63	188	292	333	91.1
Norwell	486	47	90	142	129	78	71.8
Rockland	263	41	89	86	41	6	50.6
Scituate	545	32	150	153	128	82	66.6
Wellesley	861	11	47	163	311	329	93.3
Weston	726	23	83	173	227	220	85.4
Westwood	726	12	65	189	274	186	89.4
Weymouth	530	38	130	164	140	58	68.3
Winchester	675	13	44	156	225	237	91.6
State Totals	104,854	13,217	21,101	26,801	23,999	19,736	67.3



## Hingham High School Advanced Placement Scholars

AP Scholars are designated in recognition of their exceptional achievement on the college level Advanced Placement (AP) examination. In Hingham, 100 or 39% of the 255 candidates were so honored.

Year	AP Scholar Award	AP Scholar with Honor	AP Scholar with Distinction	AP National Scholar	AP International Diploma	AP Seminar and Research Certificate
2001	10	9	3	none	none	n/a
2002	15	15	2	none	none	n/a
2003	17	7	7	none	none	n/a
2004	15	10	14	none	none	n/a
2005	21	5	17	none	none	n/a
2006	18	10	12	none	none	n/a
2007	17	15	26	1	none	n/a
2008	22	14	18	2	none	n/a
2009	25	15	15	1	none	n/a
2010	19	15	13	1	none	n/a
2011	28	16	19	1	none	n/a
2012	25	20	24	3	none	n/a
2013	29	17	20	2	none	n/a
2014	29	21	38	2	1	n/a
2015	34	28	35	4	2	n/a
2016	31	22	37	8	1	n/a
2017	26	35	42	4	none	n/a
2018	40	23	33	5	1	n/a
2019	29	29	34	3	none	4



## Hingham High School National Merit Scholarship Corporation

Merit scholars are identified from their performance on the PSAT/NMSQT. A student who is identified as a “semifinalist” is one who has scored in the top half of one percent of each state's high school senior class. Scholarship awards made to semifinalists identify those students as finalists. Semifinalists bring honor to their schools and their parents. However, it is the individual student who is recognized in the merit program for outstanding test performance that indicates exceptional academic promise.

Commended students are those who scored among the top two percent of merit program participants who took the qualifying test. Commended students have also demonstrated exceptional academic promise.

### National Merit Scholarship Summary

Class	Semifinalists	Commendations	# in class	% of class
1999	3	12	193	8
2000	4	12	194	8
2001	1	15	199	8
2002	3	19	187	12
2003	1	11	214	6
2004	1	12	211	6
2005	5	8	229	6
2006	2	4	250	2
2007	2	4	245	2
2008	3	15	251	7
2009	0	10	255	4
2010	2	8	250	4
2011	3	16	241	8
2012	0	8	278	3
2013	2	22	269	9
2014	0	14	282	5
2015	0	14	280	5
2016	2	16	295	4
2017	5	8	292	4
2018	1	10	324	3
2019	1	11	277	4

