



MCAS `13

District Data Analysis

10/15/2013



Four Major Points:

- 1) Accountability levels do NOT = MCAS Scores alone
- 2) Apples and bananas are ineffective comparisons
- 3) The entire district is working hard and is on a trajectory of GROWTH
- 4) We are SOLUTION-oriented

Why did AHS Drop from Level 1 to A Level 2 ?



- ELA Advanced/ Proficient =94%
- Math Advanced/Proficient = 88%

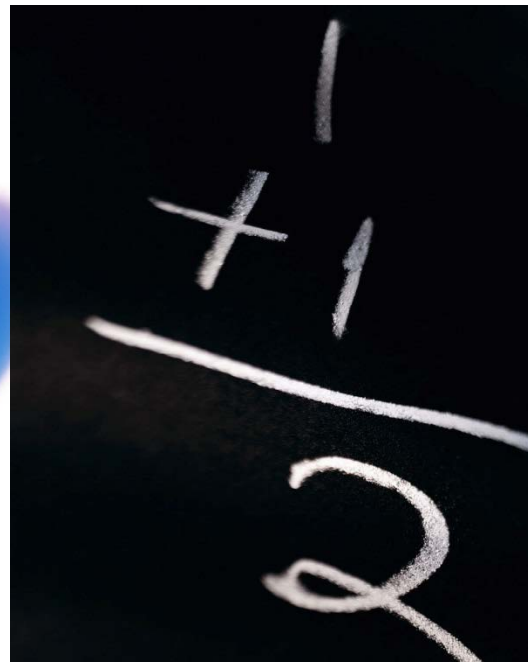
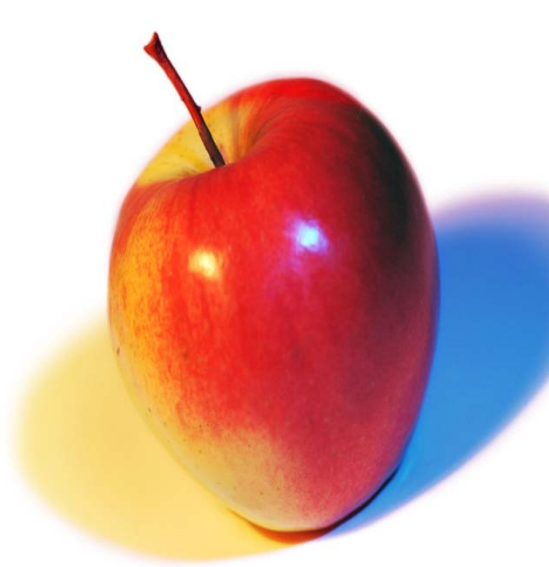
(Exact same scores as last year—except we had a tiny increase in the numbers of students in the “high needs” population who fell in the “warning” category).

We did not meet our target of closing the proficiency gap for “high needs” students by 2 points!!!

What are “Accountability Levels Based Upon?”

- MCAS Scores
- MCAS Participation Rates
- Narrowing Proficiency Gaps for ALL students
- Graduation Rates
- Drop-out Rates
- Student Growth
- Extra Credit





Adding Apples

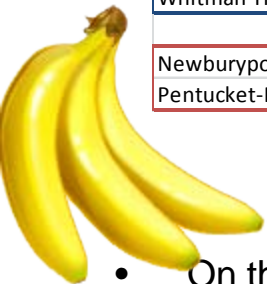
Apple + Apple = 2 Apples

Apples + Bananas ineffective unless you are just talking about fruit!

Comparing Apples to Apples



School Name	Grade span	2011-12 October Enrollment			2012 MCAS % Proficient or Higher			2012 MCAS Growth Median SGP		
		Total Enrollment	Low Income	SPED	ELL	ELA	Math	Science	ELA	Math
Amesbury-Amesbury High*	9th - 12th	609	20.9	16.7	0.2	94%	88%	75%	58	68
Bourne-Bourne High School*	9th - 12th	575	30.1	13.9	0.3	94%	82%	76%	44	51
Central Berkshire-Wahconah Regional High*	9th - 12th	587	21.8	10.7	0.2	95%	86%	89%	49	64
Danvers-Danvers High*	9th - 12th	1,021	15.1	16.7	0.5	91%	88%	77%	49	54
Falmouth-Falmouth High*	9th - 12th	855	23.9	15.6	0.6	92%	77%	78%	74	41
Northbridge-Northbridge High*	9th - 12th	673	29.6	15.2	0.3	91%	74%	73%	54	45
Oxford-Oxford High*	9th - 12th	536	28	16.4	0	87%	68%	55%	43.5	34
South Hadley-South Hadley High*	9th - 12th	640	24.1	13.4	0.8	96%	84%	80%	66	52
Stoneham-Stoneham High*	9th - 12th	709	13	15.4	0.3	96%	83%	80%	82	64
Triton-Triton Regional High School*	9th - 12th	771	18.7	14.5	0.1	93%	85%	77%	49	51
Whitman-Hanson-Whitman Hanson Regional*	9th - 12th	1,192	18	15.4	0.3	91%	86%	84%	37	51
Newburyport-Newburyport High*	9th - 12th	707	9.5	13	0.3	96%	93%	90%	68	72
Pentucket-Pentucket Regional Sr High*	9th - 12th	789	8.7	16.1	0	97%	93%	89%	65	44.5



- On the state's **District Analysis and Review Tool (DART)**, you can see Amesbury is compared to other school districts with like enrollments, grade spans, low income, special education, and ELL populations. When compared with other “like” districts, APS scores in the top third. Amesbury is often compared to its surrounding communities, which is apples to bananas when you look at the discrepancy in low income numbers as well and the number of special education students.

Same thing with AMS . . .

School Name	Grade span	2011-12 October Enrollment			2012 MCAS % Proficient or Higher			2012 MCAS Growth Median SGP		
		Total Enrollment	Low Income	SPED	ELL	ELA	Math	Science	ELA	Math
Amesbury-Amesbury Middle*	5th - 8th	742	28.2	17.5	0.3	76%	56%	56%	46	52
Bellingham-Bellingham Memorial Middle School	5th - 8th	734	24	15.9	0.3	74%	51%	58%	43	39
Beverly-Briscoe Middle*	5th - 8th	970	27.5	18.2	0.7	80%	59%	51%	56	54
Bourne-Bourne Middle School*	5th - 8th	730	29.7	16.6	0	70%	57%	52%	41	50
Danvers-Holten Richmond Middle School*	5th - 8th	890	23.3	19.6	0.4	79%	58%	43%	44	44
Ludlow-Paul R Baird Middle*	5th - 8th	659	26.4	16.8	1.4	70%	61%	27%	46	59
Middleborough-John T. Nichols Middle*	5th - 8th	873	34.1	17.5	0.3	72%	43%	34%	57	37
Northbridge-Northbridge Middle*	5th - 8th	782	28.5	13.9	0.8	71%	48%	47%	44	47
Plymouth-Plymouth Commun Intermediate*	5th - 8th	1,159	29.2	19.1	0.5	79%	55%	50%	49	48
Plymouth-Plymouth South Middle*	5th - 8th	679	25.2	22.2	0.1	70%	54%	50%	36	47
Westfield-North Middle School*	5th - 8th	741	25.5	16.9	0	76%	50%	42%	39	41
Newburyport-Rupert A Nock Middle*	6th - 8th	530	11.7	13.2	0.4	85%	67%	49%	59	67
Pentucket-Pentucket Regional Middle*	7th - 8th	524	10.1	13.7	0	86%	53%	51%	48.5	29

- No other communities in our geographic region have a 5th-8th grade span, and both Amesbury's low income and special needs populations are substantially higher than our geographic neighbors..

We Are Growing!



Grade and Subject	Proficient or Higher		Advanced		Proficient		Needs Improvement		Warning/Failing		Included	CPI	SGP	Included in SGP
	DISTRICT	STATE	DISTRICT	STATE	DISTRICT	STATE	DISTRICT	STATE	DISTRICT	STATE				
	GRADE 03 - READING	76	57	21	12	55	45	19	36	4	8	182	91.9	N/A
GRADE 03 - MATHEMATICS	79	66	41	31	38	36	18	22	3	11	181	92.3	N/A	N/A
GRADE 04 - ENGLISH LANGUAGE ARTS	69	53	14	10	55	43	22	33	9	13	176	85.4	57	166
GRADE 04 - MATHEMATICS	65	52	22	18	43	34	31	38	4	10	176	85.9	66	166
GRADE 05 - ENGLISH LANGUAGE ARTS	71	66	21	18	50	47	22	24	7	10	182	87.2	49	174
GRADE 05 - MATHEMATICS	61	61	27	28	34	33	24	25	14	14	181	79	33.5	174
GRADE 05 - SCIENCE AND TECH/ENG	62	51	25	20	37	31	29	36	9	12	181	82.6	N/A	N/A
GRADE 06 - ENGLISH LANGUAGE ARTS	68	67	16	16	52	51	21	23	10	10	191	86.3	46.5	172
GRADE 06 - MATHEMATICS	51	61	17	25	34	35	28	24	21	15	190	75.1	37	171
GRADE 07 - ENGLISH LANGUAGE ARTS	76	72	12	12	65	59	19	22	4	7	170	91.5	40	158
GRADE 07 - MATHEMATICS	58	52	23	19	35	33	19	27	23	21	172	77.6	55	159
GRADE 08 - ENGLISH LANGUAGE ARTS	82	78	12	20	70	58	10	15	8	7	199	91.6	42	184
GRADE 08 - MATHEMATICS	61	55	27	22	35	32	21	25	17	20	197	79.9	68.5	182
GRADE 08 - SCIENCE AND TECH/ENG	49	39	5	4	44	35	36	43	15	18	194	76.8	N/A	N/A
GRADE 10 - ENGLISH LANGUAGE ARTS	94	91	51	45	42	46	6	7	1	2	139	98	65	122
GRADE 10 - MATHEMATICS	87	80	63	55	24	25	8	13	5	7	142	93.1	50	123
GRADE 10 - SCIENCE AND TECH/ENG	69	71	28	26	41	45	28	24	3	5	129	89.1	N/A	N/A
ALL GRADES - ENGLISH LANGUAGE ARTS	76	69	20	19	56	50	17	23	6	8	1,239	90	49	976
ALL GRADES - MATHEMATICS	65	61	30	28	35	33	22	25	13	14	1,239	82.9	51	975
ALL GRADES - SCIENCE AND TECH/ENG	59	53	18	16	41	37	31	35	10	12	504	82	N/A	N/A

With the exception of 6th grade math (where we saw tremendous growth over last year), APS has a higher percentage of students in Advanced/Proficient than the state in all other grade levels and subject areas.

Highlights



- **Amesbury Elementary**
- Level 1 School again this year!!!
 - Making Amesbury the only district in the surrounding area to have all Level 1 Elementary schools
- Had the highest increase in ELA scores for students proficient and above in grade 4 from 48% in 2012 to 71%% in 2013 (+23)!

- **Cashman Elementary**
- School Percentile is 75%--CES is doing better than 75% of all other elementary schools in the state!

Highlights Continued



➤ Amesbury Middle School

- Growth in math at 5th --increased from 50% A/P to 62% A/P!

➤ Amesbury High School —what's to say?

- Over a four year period:
 - Grade 10 ELA – increase number of advanced and proficient from 86% to 94%
 - Grade 10 math – increase number of advanced and proficient from 81% to 88%

We Are Solution-Oriented!

- New Measures of Academic Progress (MAP) Evaluation Tool—gives “real-time” data of student progress three times during the year—more time and a better tool for identifying interventions.
- Updated ELA (K-4) and new math (K-8) curriculum aligned to the Common Core with better assessments and better interventions for “high needs populations.”



Summary

Amesbury Has A Lot To Be Proud Of

- Recommendations:
- Identify District Trends that need continued improvement
 - Math scores across all grade levels (true statewide), science and technology scores, and specific grade levels where scores have remained flat.
 - Continue curricula revisions in ELA and math to align to the national Common Core Standards.
- Continue work of administration and faculty to engage in thoughtful, data-driven, decision-making using MCAS assessments along with other assessment sources.

Student Success #1 Priority!!

- With a clear understanding of our goals and support from the Amesbury community, academic achievement and student success will continue to be our #1 priority.