

ABRSD 1



Our **vision** is to provide high-quality educational opportunities that inspire a community of learners
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Our **mission** is to develop engaged, well-balanced learners through collaborative, caring relationships

Acton-Boxborough Regional School Committee Budget Workshop

January 27, 2018

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ABRSD 2

Welcome! Acton-Boxborough Regional School Committee

Acton Board of Selectmen	Boxborough Board of Selectmen
Acton Finance Committee	Boxborough Finance Committee
Staff	Citizens

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ABRSD 3

AGENDA

8:30 - 8:40 am Welcome and Introductions from the Chairperson & Interim Supt.

8:40 - 9:30 am Panel 1: FY19 Budget Overview

9:30 - 9:50 am Questions

10:00 - 10:20 am Student Services Enrollment and Trends

10:20 - 11:10 am Panel 2: Our Current District Priorities

11:10 - 11:30 Questions

11:30 - 12:15 pm Lunch

12:15 - 1:00 pm Panel 3: School Operations

1:00 - 1:15 pm Questions

1:15 - 1:30 pm Interim Superintendent's Closing Remarks

1:30 - 2:45 pm School Committee Discussion, Feedback, Preliminary Vote

3:00 pm Adjourn

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ABRSD 4

Goals for Budget Saturday:

- To inform an understanding of the financial picture of the district and how this intersects with the provision of services
- To develop a deeper sense of the challenges, opportunities and needs that the district faces
- To clarify and seek support for this preliminary budget request and to fulfill our responsibility of providing community members insight into the resources needed to operate our district in the next fiscal year

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ABRSD 5



Panel 1: Budget Overview

Superintendent's Overview: Budget and Long-Range Strategic Plan - *William McAlduff, Interim Superintendent*

Financial Highlights - *David Verdolino, Director of Finance*

Staffing, Enrollment, and Elementary Class Sections - *Marie Altieri, Deputy Superintendent*

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ABRSD 6

Interim Superintendent's Overview: FY19 Budget and Long-Range Strategic Plan

William McAlduff
Interim Superintendent of Schools

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ABRSD 7

FY19 Budget Development Timeline

October-November Budget Development

December 14 Interim Superintendent's Preliminary Budget Presentation
Guidelines, Assumptions, Priorities

January 11 Interim Superintendent's Recommended Budget Presentation
Departmental presentations: Community Education; Food Services; Athletics

January 27 Budget Saturday

February 1 School Committee Meeting and Continued Discussion

February 15 School Committee Public Budget Hearing and Vote

April 2 Acton Town Meeting Begins

May 14 Boxborough Town Meeting Begins

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ABRSD 8

FY19 Budget Development

- *Team Driven Approach* - wide scale involvement by administrators throughout the system that is thoughtful and collaborative
- *Comprehensive* – staff, programs and services to meet the needs of 5700 students Pre K- age 21
- *Challenging* - preparations for building the budget begins almost as soon as the school year gets underway – for a time period that is almost a year away

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ABRSD 9

ACTON-BOXBOROUGH REGIONAL SCHOOL DISTRICT Long Range Strategic Plan

Our Vision:
To provide high-quality educational opportunities that inspire a community of learners

Our Values:

Wellness We partner with families to prioritize social emotional wellness, which is necessary for learning and developing resilience

Equity We ensure all students have equitable access to programs and curricula to reach their potential

Engagement We provide engaging educational opportunities where students develop passion and joy for learning

Our Mission:
To develop engaged, well-balanced learners through collaborative, caring relationships

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ABRSD 10

Long Range Strategic Plan Goals

LRSP Goal #1	Understand and respond to our students' social and emotional needs.
LRSP Goal #2	Our students will have equitable opportunities and tools to learn.
LRSP Goal #3	Our students will have access to safe and effective learning environments.

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ABRSD 11

Budget Guidelines

- **Moving Jr. High and High School to later start times and elementary to single tier busing will be a priority. E&D will be used for the one time funds prior to state transportation reimbursement(FY20). The budget will increase over time to adjust for the incremental cost.**
- **Short term capital needs will be addressed through annual funding. Medium term capital needs will be addressed by completing some CIP items in each budget for the next number of years.**

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ABRSD 12

Budget Guidelines

- **All employee contractual obligations will be met. This is the highest year of the three year teachers' contract (2.4% COLA)**
- **The needs of the increased number of English Learners will be addressed through staffing**
- **Space will be evaluated to make every attempt to keep classes within class size guidelines**

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ABRSD 13

Budget Guidelines

- In the fifth fiscal year of the new region, the assessment shift of the savings split between the two towns must be accounted for in the assessments to the two towns. The savings was originally divided giving the majority of the savings to Acton, and it is gradually moving back to the assessment being based on the enrollment from each town.

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ABRSD 14

Budget Priorities

Expansion of Resources Available for Capital Needs

The Master Planning process that the district has been engaged in for the past few years has highlighted the need for the district to commit additional resources to address on-going and in many cases deferred capital repair, prevention and replacement needs. This recommended budget reflects a continuation of the commitment made during the previous year.

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ABRSD 15

Budget Priorities

Single Tier Busing at the Elementary Level

- The implementation of single tier busing at the elementary level is a critical and required need to support one of the School Committee's highest priority – the change of high school start time.
- In September of 2018 the ABRHS school day will start 44 minutes later.
- The FY19 recommended budget contains an increase of \$750,000 to implement single tier elementary busing.
- A large part of this first year start-up cost is being offset with an additional use of \$575,000 from the E&D fund.
- Beginning in year two (FY2020) the district will receive an estimated additional \$380,000 in Chapter 71 regional school transportation reimbursement funds.

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ABRSD 16

Budget Priorities

Addition of New Personnel:

There are a number of FTE adjustments embodied in the recommended budget. There are a total of 7.4 FTE positions new to the district that are being offset by a reduction of 3.0 FTE positions for a net gain of 4.4 FTE staff. 2.0 FTE is designated for two elementary classroom teachers in an effort to address class sizes that are higher than the School Committee's class size guidelines. The other 2.4 FTE represent the continuation of a multi-year phase in approach to support programs already in place.

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ABRSD 17

Superintendent's FY19 Recommended Budget

FY18	\$ 86,090,491
FY19	\$ 88,960,000 + \$ 2,869,509 (+ 3.3%)

There has been a reduction of \$438,500 from the January 11th Budget presentation due to a reduction in health insurance rates for FY19

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ABRSD 18

FY2019 Budget Presentation Financial Highlights

David Verdolino
Director of Finance

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ABRSD 19

FY2019 Budget Development to date:

School Committee meeting presentations:

- Sep. 19 E&D certification (as of July 1, 2017)
- Nov. 9 > 1st Quarter (FY2018) financial report
 - > FY2019 Budget schedule/timelines;
 - Budget guidelines & priorities
 - > Enrollment projections; elementary Class size report
- Dec. 14 Preliminary FY2019 budget presentation
- Jan. 11, 2018 > Superintendent's recommended budget, including operating and capital
 - > Detail line item FY2019 budget posted
 - > Departmental presentations: Food Service; Community Ed.; Athletics
- Jan. 19 FY2019 Budget Binders distributed

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ABRSD 20

Overview of FY2019 Budget Recommendation

- The Big Picture: Revenues, Expenditures, Reserves
- Recommended Staffing (presentation by Deputy Supt.)
- Major non-personnel budget drivers (discussed later):
 - > Single-tier elementary busing (offset by use of E&D)
 - > Middlesex County Retirement Assessment
 - > Employee Fringe Benefits (Active EE and Retiree Health Insurance, Middlesex County Retirement, OPEB)
 - > Special Ed. Tuition (offset by add'l Circuit Breaker use)
 - > Utilities (continued efficiencies, subsidy by Comm. Ed.)
 - > Capital Improvements Planning
- Uncertainties and Assumptions
- Regional Assessments (FY2019 and historical analysis)

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ABRSD 21

FY2019 - "The Big Picture"

Budgeted Revenues – Increase \$294K (1.8%)

Recommended Expenditures – Increase \$2,870K (3.3%)

Use of E&D Reserve - \$775,000 (increase of \$325K)
(\$775K comprised of \$200K annual usage plus \$575K one-time usage)

Total Assessments – Increase \$2,250K (3.25%)

Trends:

- Budget History (including Table 6 re assessments)
- State Aid – Ch. 70 (Foundation) Ch. 71 (Transportation) and Circuit Breaker (Special Ed. Cost Reimbursement)
- Debt, Retirement, Health Insurance, OPEB, E&D Reserve

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ABRSD 22

FY2019 Recommended Budget

FY2018 Final Budget*	\$86,090,491
FY2019 Recommendation (SC Jan. 11, 2018)	\$89,398,500
FY2019 Recommended Budget**	\$88,960,000
\$ Change from FY2018	\$2,869,509
% Change from FY2018	3.33%

* - FY2018 budget represented an increase of \$3,017,287 (3.63%) over FY2017.
 ** - Change in FY2019 recommendation due to 5.0% decrease in health insurance rates by Acton Health Insurance Trust (HIT) on January 18, 2018.

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ABRSD 23

FY2019 Recommended Assessment

	FY2019 Budget	% Change
Recommended Budget	\$88,960,000	3.33%
Less – Est. Revenues	\$16,611,091	1.80%
Less – Use of E&D (FY2018 was \$450K)	\$775,000	n/a
Total Assessment	\$71,573,909	3.25%
Acton Assessment	\$60,184,325	4.25%
Boxborough Assessment	\$11,389,584	-1.76%

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ABRSD 24

FY2019 Funding Sources

Chapter 70 (State Foundation Budget Aid)

FY2019 Budget Increase = \$190,505

District does not qualify for Foundation Aid

- > "Hold Harmless Aid" amounts to ~\$3.5 million

Budget assumes –


- > Adjustment of FY2018 to current estimate
- > Additional Minimum Aid (\$20 per student), per Governor's FY2019 Budget release January 24, 2018
- > Possibility of additional funding in FY2020

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ABRSD 25

FY2019 Chapter 70 - Governor's Budget

Massachusetts Department of Elementary and Secondary Education
 FY19 Chapter 70 Summary
 600 Acton Boxborough



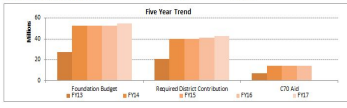
Aid Calculation FY19

		FY18	FY19	Change	Pct Chg
Prior Year Aid					
1 Chapter 70 FY18	\$4,859,361				
Foundation Aid					
2 Foundation budget FY19	\$4,951,532	\$3,421,267	\$4,951,532	1,529,265	2.86%
3 Required district contribution FY19	\$2,896,024	\$2,945,899	\$2,896,024	\$50,205	2.03%
4 Foundation aid (2 - 3)	\$2,055,508				
5 Increase over FY18 (4 - 1)	\$0				
Minimum Aid					
6 Minimum \$20 per pupil increase	\$188,700				
Non Operating District Reduction to Foundation					
7 Reduction to foundation	\$0				
FY19 Chapter 70 Aid					
9 sum of line 1, 5 minus 7	\$4,958,061				

Comparison to FY18

	FY18	FY19	Change	Pct Chg
Enrollment	5,443	5,435	-8	-0.15%
Foundation budget	\$3,421,267	\$4,951,532	1,529,265	2.86%
Required district contribution	\$2,945,899	\$2,896,024	\$50,205	2.03%
Chapter 70 aid	\$4,859,361	\$4,958,061	\$98,700	0.73%
Required net school spending (NSS)	\$6,901,170	\$7,844,075	\$942,905	1.69%
Target aid share	21.41%	22.25%		
C70 % of foundation	27.82%	27.24%		
Required NSS % of foundation	106.52%	105.30%		

Five Year Trend



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ABRSD 26

Ch. 70 Funding Trend (Budget vs. Actual)

FY2016 Actual	\$14,393,076
FY2017 Budget	\$14,531,276
FY2017 Actual	\$14,696,071 (+ \$55 per student)
FY2018 Budget	\$14,804,931
FY2018 Actual	\$14,859,361 (+ \$30 per student)
FY2019 Budget	\$14,995,436 (+ \$25 per student)
FY2019 (Governor's)	\$14,968,061 (+ \$20 per student)

> Final state budget customarily passed in June.

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ABRSD 27

FY2019 Funding Sources (continued)

Chapter 71 (Regional Transportation Aid)

FY2019 Budget = level-funded

- Reimbursement program to provide financial incentive for regionalization of school districts
- Historically funded below 100% of eligible costs
- FY2019 estimate = \$1,307,373** (68% reimb. rate); subject to 9C cuts (unlikely) or increase (by June)
- Budget assumes level reimbursement (dollars)
- Fifth (final) year of Bonus Aid (\$25K – separate line)
- Governor's FY2019 Budget release January 24, 2018 - \$1,337,757 - \$30K increase (offsets Ch. 70 decrease)

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ABRSD 28

FY2019 Chapter 71 - Governor's Budget

Acton Boxborough Regional School District State Transportation Aid Analysis

FY of Reimbursement	Total P/Y FOYR Costs	Eligible Riders %	Eligible Costs	Reimb %	State Aid Reimbursement
FY15 Initial Budget					1,729,727
FY15 Revoted A-B Budget					1,537,078
FY15 Actual	\$2,577,539	77.1%	\$1,988,040	68.1%	1,353,855
FY16 A-B Budget				65.0%	1,266,283
FY16 Cherry Sheet				70.0%	1,354,273
FY16 Actual	\$2,584,816	75.8%	\$1,958,222	73.1%	1,430,719
FY17 A-B Budget				60.0%	1,190,000
FY17 Cherry Sheet				70.0%	1,390,338
FY17 Actual	\$2,518,557	76.3%	\$1,922,608	73.4%	1,411,898
FY18 Budget Saturday				70.0%	1,345,826
FY18 Cherry Sheet				68.0%	1,307,373
FY18 Actual	\$2,526,503	77.9%	\$1,922,608		
FY19 Prelim Budget				-66%	1,307,373
FY19 Cherry Sheet				TBD	1,337,757

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ABRSD 29

FY2019 Funding Sources (continued)

Other Revenue and Funding Sources

FY2019 Net Budget Increase = \$127,932

- Items are level-funded at **FY2018 projected rates**
- Charter reimbursement level-funded at \$33,282 > \$7,932 increase over FY2018 budget
 Governor's budget reimbursement = \$32,361 (-\$921)
- Medicaid reimbursement estimated at \$150,000 > \$50,000 increase over FY2018 budget
- Investment income estimated at \$100,000 > \$100,000 increase (previously not budgeted)

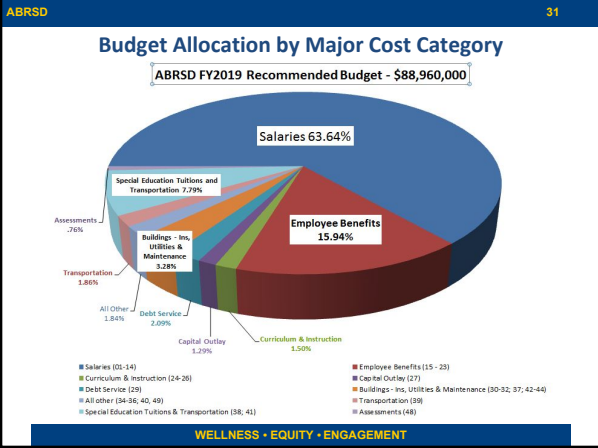
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ABRSD 30

Appropriated Budget History – Since Full Regionalization (FY2015 thru 2019)

Fiscal Year	Total Regional Budget	\$ Increase	% Increase	Total Regional Assessment
FY2015	\$77,100,514			\$60,736,023
FY2016	\$80,296,395	\$3,195,881	4.15%	\$64,291,248
FY2017	\$83,073,204	\$2,776,809	3.46%	\$67,050,245
FY2018	\$86,090,491	\$3,017,287	3.63%	\$69,323,837
FY2019 Recommended	\$88,960,000	\$2,869,509	3.33%	\$71,573,909

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ABRSD 32

Major Components of FY2019 Recco Budget Increase - \$2,869.5K (3.33%)

Item Change	Budget Impact
Teaching salaries*	\$1,858K (+5.3%) 2.16%
Support salaries*	\$ 838K (+8.6%) 0.97%
Utilities - (subsidy by Comm. Ed.)	\$ (350)K (new) -0.41%
- budget decrease	\$ (104)K (-5.9%) -0.12%
Single-tier busing	\$ 750K (new) 0.87%
Health insurance:	
- Rates reduced 5.0% by HIT	\$ (438.5)K -0.51%
- Additional retiree participation	\$ 93K (+1.0%) 0.11%
Out-of-district tuition - gross	\$ (197)K (-3.6%) -0.23%
- additional use of CB	\$ (150)K (-6.0%) -0.17%
Capital spending plan	\$ 229K 0.27%

* - These items reflect new staff (4.4 net FTE); net budget impact \$462K (0.54%)

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ABRSD 33

ABRSD OPEB Funding History

Year	OPEB Contribution
FY2013	\$236K (initial)
FY2014	\$376K
FY2015	\$506K
FY2016	\$700K
FY2017	\$800K
Through FY2017	\$2,628K (MV \$2,948.2K)
FY2018	\$900K
FY2019	\$900K (recommended)
Through FY2019 (Projected est.)	\$4.428K (MV > \$5 million)

This reflects the district's initiative to funding this future obligation.

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ABRSD 34

Employee Health Insurance

Rates Set by Health Insurance Trust (ABRSD and Acton)

HIT - Five-member Board of Trustees

- Acton BOS, Fin-Com, Treasurer; ABRSD SC, Treasurer
- Independent Trust treasurer, advisor, auditors
- Not involved with labor contract negotiations

Favorable recent financial results

- Trust Net Position as of 6/30/17 = \$5,889,995
- Significant projected surplus for FY2018 (> \$1.3M)
- 1/1/18 - Board voted 5.0% rate reduction for FY2019

TBD – Impact of optional HSA in FY2019

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ABRSD 35

Health Insurance Budget Development

FY2016 Budget	\$9,197,936	8.2% (B to B)
FY2016 Actual	\$9,013,730	12.7% (A to A)
FY2017 Budget	\$9,592,577	4.3% (B to B)
FY2017 Actual	\$9,149,505	1.5% (A to A)
FY2018 Budget	\$9,264,894	- 3.4% (B to B)
FY2018 Projected	\$9,182,429	0.4% (A to A)
FY2019 Budget:		
Initial - 0% rate adj.	\$9,357,468	1.1% (B to B)
Rev. - 5.0% rate decr.	\$8,918,968	- 3.7% (B to B)

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ABRSD 36

Middlesex County Retirement- Assessments

Year	Assessment	% Increase
FY2015	\$1,756,208	n/a
FY2016	\$1,961,424	11.7%
FY2017	\$2,086,065	6.4%
FY2018	\$2,318,753	11.2%
FY2019 Recommended	\$2,513,393	8.4%

MCRS conducts a biannual actuarial valuation (last in 2016), on which it bases member assessments for a two-year period. Full funding of liability (actuarial basis) expected by 2035.

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Special Education - FY2019 Recommended Out-of-District Tuition

	FY 2018 Budget	FY 2019 Recom	Increase/ (Decrease)
Total Tuition	\$ 7,993,010	\$ 7,796,000	\$ (197,010)
Circuit Breaker Offset	(2,510,000)	(2,660,000)	(150,000)
Net Special Education Tuition Expenditure	\$ 5,483,010	\$ 5,136,000	\$ (347,010)

Circuit Breaker Fund Balance Analysis

	Beginning Fund Balance	Final State Reimbursement		Circuit Breaker Expenditures	Ending Balance
FY2015	\$88,196	2,088,607	73.5%	\$1,845,350	\$331,453
FY2016	\$331,453	2,432,570	75.0%	\$1,765,197	\$998,826
FY2017	\$998,826	2,725,488	73.2%	\$2,089,000	\$1,635,314
FY2018	\$1,635,314	2,397,322	65.0%	\$2,510,000	\$1,522,636
FY2019	\$1,522,636	2,400,000	~67%	\$2,660,000	\$1,262,636

Capital Planning

Increasing Commitment to Capital Needs

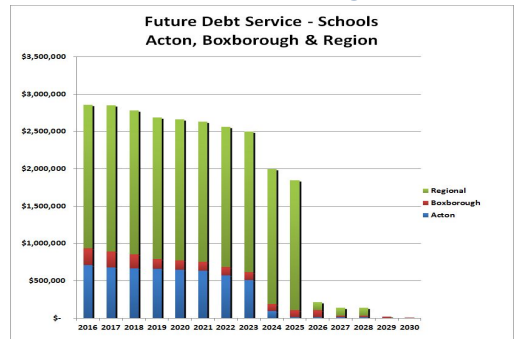
Increasing commitment to capital needs

- FY2015 = \$154K; FY2016 = \$195K
- FY2017 budget = \$273K, actual = ~\$650K (some FY18)
- FY2018 budget = \$761K, actual TBD (\$325K from CIP)
- FY2019 recommended = \$1 million (plus from departments)

Long-term strategy:

- Resolve accounting definitions; report consistently
- Conduct capital budget planning earlier (before oper. budget)

Debt Service (Through FY2030)



Historical Analysis of E&D Since Full Regionalization

Fiscal Year	Total Regional Budget	E&D Usage	E&D Balance	E&D as a %
FY2015	\$77,100,514	\$300,000	\$1,072,454	1.4%
FY2016	\$80,296,395	\$200,000	\$1,950,365	2.4%
FY2017	\$83,073,204	\$200,000	\$2,738,661	3.3%
FY2018	\$86,090,491	\$200,000 +\$250,000	\$4,008,284* < Leary Field	4.7%
FY2019 Recco	\$88,960,000	\$200,000 +\$575,000	< "annual usage" < single tier busing	TBD

* \$710K committed to MSBA feasibility study by A-B and town meetings.

FY2019 Budget Uncertainties

Revenues and Funding Sources:

- State Aid – Chapter 70, Chapter 71, Circuit Breaker (not final until final)
- Further cuts in federal spending could impact programs
- Interest rates could rise, increasing investment returns

Recommended Expenditures:

- Teacher attrition – actual costs typically vary from "standard cost" budget
- Actual experience implementing single-tier busing could vary from budget
- CASE (and other) providers – tuition rates not yet voted; as always, unforeseen special education service requirements (but healthy CB balance)
- Continue favorable health cost experience (HIT has expressed confidence)

Long-term Trends:

- Implementing initiatives (e.g., assistant funding; transportation)
- Stability of district reserves after modest uses
- Increasing enrollment – pressure on class sizes; crowding of buildings
- Contract obligations – labor negotiations, utility supplies, etc.

ABRSD 43

Regional Assessment (Table 6) FY2019

ACTON-BOXBOROUGH RSD
Table 6 - Recommended FY2019 Budget
 With Updated Health Insurance Rates Voted January 18, 2018
 (Total district budget and member assessments as previously presented are highlighted)

	(Preliminary) FY2019	ACTON	BOXBOROUGH
%s represent: three-year average of K-12 student enrollment by Town - see Note A	<<	84.71%	15.29%
three-year average of 7-12 student enrollment by Town - see Note B	<<	83.89%	16.20%
EXPENDITURES INSIDE DEBT LIMIT:			
OPERATING BUDGET (MEMBERS) - Reflects Original Health Insurance Budget	\$85,400,982	\$72,343,172	\$13,057,810
Add: Selected Components of Operating Budget not Included in Above Amount:			
OPEB TRUST FUND CONTRIBUTION	\$900,000	\$162,390	\$137,610
MINUTEMAN (JRS) ASSESSMENT	\$200,000	\$169,420	\$30,580
LOWER FIELDS CONSTRUCTION DEBT SERVICE - see Note B	\$125,518	\$111,282	\$14,236
CAPITAL OUTLAY - BUILDINGS & GROUNDS	\$1,000,000	\$841,100	\$158,900
	\$87,626,500	\$74,633,364	\$13,392,936
EXPENDITURES OUTSIDE DEBT LIMIT (AUTHORIZED PRIOR TO FULL REGIONALIZATION):			
CONSTRUCTION DEBT SERVICE (FOR JRS) - see Note B	\$179,320	\$316,636	\$42,484
SIS CONSTRUCTION RENOVATION DEBT SERVICE - see Note B	\$1,392,880	\$1,216,877	\$175,003
	\$1,772,200	\$1,573,714	\$198,486
GROSS DISTRICT BUDGET (ABRSD Appropriation, 3.5% Increase from FY2018) w/AS	\$89,398,500	\$75,807,078	\$13,591,422
Impact of HMO Rate Reduction for FY2019 Voted by H.L. Trust (5.0%)	(\$18,690)	(\$371,453)	(\$67,047)
Revised Recommended Budget after Rate Reduction (3.3% Appropriation Increase)	\$88,960,000		
SHARE OF DEBT SERVICE (ELEMENTARY SCHOOLS) PAID BY TOWNS	766,552	\$649,446	\$111,206
GROSS BUDGET-TOTAL (Total Regional Expenditures)	\$89,726,552	\$76,084,970	\$13,641,581

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ABRSD 44

Regional Assessment (Table 6) FY2019 (Cont'd)

ACTON-BOXBOROUGH RSD
Table 6 - Recommended FY2019 Budget
 With Updated Health Insurance Rates Voted January 18, 2018
 (Total district budget and member assessments as previously presented are highlighted)

	(Preliminary) FY2019	ACTON	BOXBOROUGH
%s represent: three-year average of K-12 student enrollment by Town - see Note A	<<	84.71%	15.29%
three-year average of 7-12 student enrollment by Town - see Note B	<<	83.89%	16.20%
GROSS BUDGET-TOTAL (Total Regional Expenditures) - FROM PREVIOUS SLIDE	\$89,726,552	\$76,084,970	\$13,641,581
REVENUES AND RESERVE USE:			
CHAPTER TO BASE AID	\$14,995,436	\$12,702,634	\$2,292,802
CHARTER SCHOOL AID	\$33,282	\$28,199	\$5,089
REGIONAL SCHOOL TRANSPORTATION	\$1,847,973	\$1,107,476	\$1,109,897
REGIONAL BONUS AID AND MISC. REVENUES	\$275,000	\$231,953	\$43,048
TRANSFER FROM RESERVES (Excess & Deficiency)	\$725,000	\$656,503	\$118,498
TOTAL REVENUES AND RESERVE USE	\$17,886,691	\$14,727,758	\$2,658,333
(I) TOWN ASSESSMENTS - BEFORE REGIONAL AGREEMENT APPENDIX A	\$72,340,461	\$61,357,213	\$10,983,248
(II) RESULTING ASSESSMENT PERCENTAGE SHARES - see Note C		84.82%	15.18%

Note C - Transitional rules (per Regional Agreement, Appendix A) for apportionment of district costs between Towns apply for fiscal years 2015 through 2021 (Section 5D); see resulting calculations, next page.

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ABRSD 45

Regional Assessment (Table 6) FY2019 (Cont'd)

ACTON-BOXBOROUGH RSD
Table 6 - Recommended FY2019 Budget
 With Updated Health Insurance Rates Voted January 18, 2018
 (Continued)

Calculation of Final Assessments Per Appendix A to Revised Regional Agreement
 All parenthetical references are to Regional Agreement, Appendix A

Description	(Recommended) FY2019	ACTON	BOXBOROUGH
APPENDIX A CALCULATIONS (FY2015-2021):			
(a) BASE BUDGETS (individually fixed by FY per Section 2)	\$69,670,702	\$38,148,708	\$11,211,994
Less -			
(b) PROJECTED BENEFITS (fixed amount for FY15-19 per Section 1)	\$1,873,119		
(c) PERCENTAGE SHARES (varying percentages fixed by FY per Section 3)		60.0%	40.0%
(d) = (b) times (c) BENEFIT ALLOCATION TO TOWNS (per Section 4a.)		\$1,123,871	\$749,248
(e) = [(a) minus (b) or (d)] RECALCULATED BASE BUDGET (per Section 4b.)	\$67,797,583	\$57,024,837	\$10,772,746
(III) RECALCULATED BASE BUDGET ALLOCATION (per Section 4c)	100.00%	84.11%	15.89%

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ABRSD 46


Regional Assessment (Table 6) FY2019 (Cont'd)

ACTON-BOXBOROUGH RSD
Table 6 - Recommended FY2019 Budget
 With Updated Health Insurance Rates Voted January 18, 2018
 (Continued)

Description	(Recommended) FY2019	ACTON	BOXBOROUGH
FINAL ASSESSMENT CALCULATION:			
(I) above) TOWN ASSESSMENTS BEFORE APPENDIX A - PER PREVIOUS SLIDE	\$72,340,461	\$61,357,213	\$10,983,248
(V) - [(I) times (IV)] DIFFERENCE RESULTING FROM APPENDIX A	FY19 Shift-->	\$811,342	\$811,342
(I) minus (V) FINAL ASSESSMENT PER APPENDIX A	\$72,340,461	\$60,845,870	\$11,494,590
Less -			
CREDIT FOR DEBT SERVICE PAID FROM TOWN BUDGETS	(766,552)	(661,646)	(105,000)
NET ASSESSMENT AMOUNT DUE FROM BOTH TOWNS (See Analysis Below)	\$71,573,909	\$60,184,225	\$11,389,590
ANALYSIS OF CHANGE IN ASSESSMENT:			
PRIOR YEAR VOTED ASSESSMENT	\$69,323,837	\$67,730,056	\$11,593,781
CURRENT YEAR RECOMMENDED ASSESSMENT - As Previously Presented	\$72,012,469	\$60,853,149	\$11,499,260
CURRENT YEAR ASSESSMENT - Revised with Updated Health Insurance Rates	\$71,573,909	\$60,184,225	\$11,389,590
INCREASE/(DECREASE) FROM PRIOR YEAR (S) - As Previously Reported	\$2,688,632	\$2,823,093	-\$134,521
INCREASE/(DECREASE) FROM PRIOR YEAR (S) - Revised Health Insurance Rates	\$2,250,072	\$2,454,269	-\$204,197
INCREASE/(DECREASE) FROM PRIOR YEAR (%) - As Previously Reported	3.88%	4.89%	-1.16%
INCREASE/(DECREASE) FROM PRIOR YEAR (%) - Revised Health Ins. Rates	3.25%	4.25%	-1.76%

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ABRSD 47 47



Our **vision** is to provide high-quality educational opportunities that inspire a community of learners

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Our **mission** is to develop engaged, well-balanced learners through collaborative, caring relationships

Summary Analysis of Table 6 with Projections thru FY2022

January 27, 2018

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ABRSD 48

Share of Enrollment by Town

Per Regional Agreement -

1. Enrollment-based allocation of assessment superseded FY2015-19
2. Appendix A allocation based on:
 - established “base budgets” (\$) A & B
 - annual “projected benefit” (%) A&B
3. Resulting assessment calculation effects a “cost shift” between towns

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ABRSD 49

Regional Assessment Based on Share of Enrollment by Town

Historical, Current and Projected:

FY2015	A – 84.2%	B – 15.8%
FY2016	A – 84.7%	B – 15.3%
FY2017	A – 84.9%	B – 15.1%
FY2018	A – 85.01%	B – 14.99%
FY2019	A – 84.82%	B – 15.18%
FY2020	A – 84.55%	B – 15.45%
FY2021	A – 84.15%	B – 15.85%
FY2022	A – 83.72%	B – 16.28%

Note – Each 0.1% represents (in \$) ~\$60K-\$80K over the period.

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ABRSD 50

“Projected Benefit” by Town

Reduction of “base budget” by est. Savings

FY2015	A – 80.0%	B – 20.0%
FY2016	A – 87.5%	B – 12.5%
FY2017	A – 90.0%	B – 10.0%
FY2018	A – 82.5%	B – 17.5%
FY2019	A – 60.0%	B – 40.0%

Note – the greater (or lower) the benefit share, the greater the reduction (or addition) to each town’s actual assessment (“benefit shift”).

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ABRSD 51

Impact of “Projected Benefit”

Historical, Current and Projected:

	Enr.-based	Per App. A	Diff %	Cost Shift (to B)
FY2015	84.2%	82.4%	1.8%	\$1,061,165
FY2016	84.7%	82.6%	2.1%	\$1,359,325
FY2017	84.9%	82.8%	2.1%	\$1,460,921
FY2018	85.0%	83.2%	1.8%	\$1,243,599
FY2019	84.8%	84.1%	0.7%	rev.>\$511,342
FY2020	84.6%	84.0%	0.6%	\$425,000
FY2021	84.2%	84.1%	0.1%	\$25,000
FY2022	83.7%	83.7%	-----	none

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ABRSD 52

Impact of “Projected Benefit”

Total Appendix A Assessment Shift -
FY2015-2021 **\$6,086,352**

Average Annual Assessment Shift -
FY2015-2018 **\$1,281,252**

Remaining Future Assessment Shift -
FY2019-2021: **\$511K - \$425K - \$25K**
Thereafter, 100% enrollment-based assessment

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ABRSD 53

Past and Future Assessment Trend

Projected Assessments (\$ in millions, rounded)

Year	Σ Assm't	Acton	Boxborough
FY2015	\$60.7	\$50.1	\$10.7
FY2016	\$64.3(+5.9%)	\$53.2(+6.2%)	\$11.1(+4.3%)
FY2017	\$67.1(+4.3%)	\$55.5(+4.5%)	\$11.5(+3.4%)
FY2018	\$69.3(+3.4%)	\$57.7(+3.9%)	\$11.6(+0.8%)
FY2019	\$71.6(+3.3%)	\$60.2(+4.3%)	\$11.4(-1.8%)
FY2020	\$74.7(+4.4%)	\$62.7(+4.2%)	\$12.0(+5.2%)
FY2021	\$77.8(+4.1%)	\$65.4(+4.2%)	\$12.4(+3.3%)
FY2022	\$81.0(+4.1%)	\$67.8(+3.6%)	\$13.2(+6.6%)

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ABRSD 54

Future Assessment Drivers –

1. Labor Contracts; General Inflation
2. Health Insurance Cost Trends
3. Chapter 70/Foundation Budget
4. Student Enrollment Demographics
5. New Elementary School Project
6. Adequacy of District Reserves
7. Servicing Special Needs Populations
8. Implementation of New Initiatives
9. Other (Internal and External Factors)

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ABRSD 55



FY19 Staffing, Enrollment, and Elementary Class Sections

Marie Altieri
Deputy Superintendent

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ABRSD 56

Budget Binder Staffing & Enrollment

Section 6 Staffing Update
Staffing Report
List of new positions
Descriptions of each new position

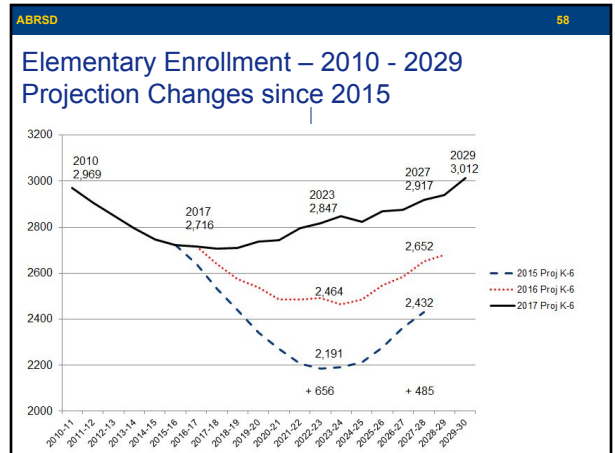
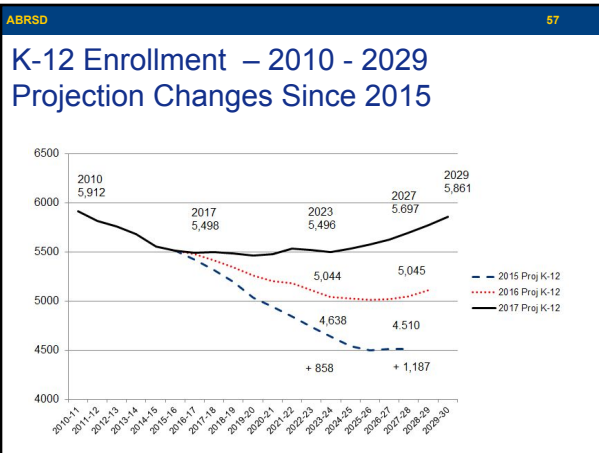
Section 7 Organizational Chart
Department and School FTEs
Blue = Budget Orange = Outside Sources Yellow = Mixed

Section 8 Comparative Data
Per Pupil Costs, student/teacher ratio, Performance - SAT
Comparative Percentages of High Needs Students - ELL; Special Ed.; Econ Disadv

Appendix Section 14 Enrollment
Elementary Classroom Planning History and Projection
October 1 Enrollment Report
Ashton Enrollment History and Projection
Enrollment Projection Presentation

Appendix Section 15 Class Sizes - High School, Jr. High, Elementary

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ABRSD 59

	2014-15	2015-16	2016-17	2017-18
K Proj	317	312	286	298
K Actual	321	299	330	353
Over Proj	+4	-13	+44	+55
Housing Sales Acton	310	400	514	326 (Jan-Sept)
Housing Sales Boxborough	85	114	116	101 (Jan-Sept)
Acton Births	163	147	185	184
Boxb Births		41	31	38

ABRSD 60

Current Sections and Class Sizes

Classroom Sections 2017-2018									
	Blanchard	Conant	Douglas	Gates	MCT	Merriam	Total	Students	Ave Class Size
K	4	3	2	2	4	3	18	353	19.6
1	3	3	2	3	3	3	17	343	20.2
2	3	2	3	3	3	3	17	367	21.6
3	3	2	3	3	3	3	17	388	22.8
4	2	3	3	2	3	4	17	415	24.4
5	3	4	3	2	3	3	18	420	23.3
6	3	3	3	3	3	3	18	420	23.3
	21	20	19	18	22	22	122	2706	22.2

October 1, 2017 Enrollment

Jan 1, 2018 Current Class Sizes 3rd and 4th Grade

Grade	Blanchard			Conant			Douglas			Gates			McT			Merriam		
3	19	18	18	24	23	24	24	24	23	24	24	25	22	24	24	24	24	22
4	25	25	24	24	25	24	25	24	24	25	25	25	24	25	24	24	24	25

Section Planning FY '19

Classroom Section Planning 2018-2019									
	Blanchard	Conant	Douglas	Gates	McT	Merriam	Total	Students	Ave Class Size
K	4	3	2	2	3	3	17	313	18.4
1	4	3	2	2	4	3	18	381	21.2
2	3	3	2	3	3	3	17	371	21.8
3	3	2	3	3	3	3	17	389	22.9
4	3	2	3	3	4	3	18	403	22.4
5	3	3	3	2	4	4	19	422	22.2
6	3	4	3	2	3	3	18	433	24.1
	23	20	18	17	24	22	124	2712	21.8

Green = Section Reduced Yellow = Section Added

Net Increase = 2 Sections

	Classroom Sections		
	Acton	Boxborough	Total
FY '07	108	28	136
FY '08	108	27	135
FY '09	108	26	134
FY '10	108	25	133
FY '11	108	24	132
FY '12	107	23	130
FY '13	106	22	128
FY '14	105	22	127
FY '15	103	20	123
FY '16	103	18	121
FY '17	102	19	121
FY '18	101	21	122
FY '19	101	23	124

FY19 Budget Staffing Report

FY18 Staffing Goals

- Address enrollment shifts and classes above class size guidelines
- Finish elementary school learning center plans through redirecting existing staff
- Continue to expand English Language Educators to meet the needs of students who are English learners
- Begin to address curriculum support needs

Salaries Budget

- All Salaries - \$57M
\$2.8M Increase 5.34% Increase
- \$350,000 transfer from utilities to pay for classroom assistants that were previously paid for by the extended day programs. Not a budget increase, but a transfer.
- Teaching Salaries \$37M
\$1.9M Increase 5.32% Increase
- Salaries are 63% of total budget

ABRSD		67			
Salaries	FY18	FY19	FY18-19	FY18-19	
*Dollars in thousands			\$ Inc	% Inc	
Salaries, Teaching	\$35,957	\$36,815	\$1,858	5.32%	
Salaries, Princip/Asst Prin	\$2,394	\$2,447	\$54,324	2.27%	
Salaries, Central Admin	\$1,249	\$1,286	\$38	3.02%	
Salaries, Support Staff	\$9,716	\$10,555	\$488	5.02%	
Transfer from Utilities for Assistants		\$350	\$350	3.80%	
Salaries, Athletics	\$583	\$627	\$45	7.66%	
Salaries, Buildings	\$808	\$819	\$11	1.32%	
Salaries, Custodial	\$1,531	\$1,560	\$28	1.85%	
Salaries, Home Instruction	\$9	\$9	\$0	0.00%	
Salaries, Misc. Student Services	\$1,575	\$1,576	\$1	0.07%	
Salaries, Subs Miscellaneous	\$73	\$71	(\$2)	(2.74%)	
Salaries, Subs Instr	\$681	\$702	\$21	3.07%	
Salaries, Overtime	\$233	\$233	\$0	0%	
Stipends, Curr & Instruct	\$197	\$190	(\$7)	(3.81%)	
Totals	\$54,006	\$56,890	\$2,884	5.34%	

ABRSD		68				
Salary Increases by Unit						
Cost of Living Adjustments (COLA) and total cost of salaries to move staff forward:						
Contract COLA	FY17	FY18	FY19	FY20	Expires June 30	
ABEA	1.5%	1.5%	2.4%	1.8%	2020	
OSA	1.75%	1.75%	1.75%	TBD	2019	
AFSCME	1.75%	1.75%	1.75%	TBD	2019	
Support Staff	1.75%	1.75%	2.0%	TBD	Non-Union	

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ABRSD		69			
ABEA COLA and Overall Contract					
*All numbers are percentages	COLA	Steps/Supermax/Longevity	Total Average Salary Increase	Health Ins Rate Increase	
FY11	0	2.5	2.5	12.5%	
FY12	1	2.5	3.5	5.1%	
FY13	1.25	2.5	3.75	-2.9%	
FY14	0.5%	2.5	3.0	10.2%	
FY15	1	2.3	3.3	9.5%	
FY16	1.5	2.3	3.8	11%	
FY17	1.5	2.3	3.8	4%	
FY18	1.5	2.0	3.5	0	
FY19	2.4	2.0	4.4	-5%	
FY20	1.8	2.0	3.8		
Average	1.2	2.3	3.5	4.9%	

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ABRSD		70					
ABEA Salary Range	Number of tchrs in range FY17	Average \$ Increase FY17-FY18	Average % Increase FY17- FY18	Number of tchrs in range FY18	Average \$ Increase FY18-19	Average % Increase FY18-FY19	
105k - 110k	3	\$2,252	2.08%	4	\$2,700	2.51%	
100k-105k	7	\$2,242	2.16%	12	\$3,041	3.01%	
95K - 100K	31	\$2,248	2.26%	47	\$3,059	3.15%	
90K - 95K	62	\$2,226	2.35%	61	\$2,995	3.25%	
85K - 90K	70	\$2,352	2.63%	78	\$3,080	3.53%	
80K - 85K	68	\$2,392	2.81%	51	\$3,450	4.17%	
75K - 80K	46	\$3,036	3.77%	46	\$3,646	4.70%	
70K-75K	27	\$3,535	4.61%	22	\$4,211	5.84%	
65K-70K	18	\$3,738	5.20%	28	\$4,493	6.68%	
60K - 65K	32	\$3,843	5.59%	21	\$4,750	7.56%	
55K-60K	34	\$3,361	5.53%	39	\$3,876	6.61%	
50K-55K	15	\$3,034	5.43%	50K-55K	15	\$3,034	
45K-50K	11	\$2,855	3.70%	18	\$3,471	6.51%	

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ABRSD		71
FY18 Teaching Salary Drivers		
<ul style="list-style-type: none"> Overall Increase 5.32% - includes new positions and reduced positions Highest year of the contract cost of living +2.4% Retirements - 18 Compared to 4 retirements last year, and 12-14 average Early Retirement Incentive had a one year drop last year due to the small number of retirees. This year it goes back up to normal levels. +277,000 Salaries for retirees reduced from \$85k - \$105k to \$55k (3M) - Savings of (\$670,000) FY18 Salaries do not have any surplus Vacancy Factor Reduction to budget which Offsets teachers on unpaid leave or who resign (-\$275,000) 		

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ABRSD		72					
Retirement Budget History							
Certified Staff Retirements	FY15	FY16	FY17	FY18	FY19	Average	
Retirees	14	12	13	4	18	12	
Early Retirement	\$427,532	\$522,951	\$428,694	\$149,503	\$427,049	\$391,146	
Retiree Salary Savings	(\$412,089)	(\$451,000)	(\$539,017)	(\$141,450)	(\$670,256)	(\$424,362)	
Budget Impact	\$15,443	\$71,951	(\$110,323)	8,053	(\$151,207)	(\$33,217)	

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Overall Salaries (in thousands)

Overall Salaries (In thousands)	FY18 Total Salaries	FY19 Total Salaries	\$ Increase	% of Total Salaries
Total Salaries	\$54,006	\$56,890	\$2,884	5.34%
Transfer from Utilities for Assistants			(\$350)	(0.65%)
Actual Salary Increase excluding budget transfer from utilities	\$54,006	\$56,540	\$2,534	4.7%

Salary Drivers (in thousands)

Salary Drivers (In thousands)	FY18 Total Salaries	FY19 Total Salaries	\$ Increase	% of Total Salaries
COLA/Steps /Other			\$1,874	3.47%
New Staff			\$382	0.67%
Early Retirement Incentive	\$150	\$428	\$278	0.51%
Overall Salaries	\$54,006	\$56,540	\$2,534	4.7%

ABRSD Staff- 1,000+ employees / 760 FTE

Full Time Equivalent (FTEs) Employees

FTEs	FY18	FTE Adjustments	Shift from Revolving	FY19
Teachers	436.8	7.4	.5 (Choice)	444.7
Administrators	37.9			37.9
Salaried Staff	30.35			30.35
Support Staff	154.3	(3.0)	21.1* (Extended Day)	172.3
Custodians	32.9			32.9

FTE Adjustments Position	FTE	Salary	Position Reduced	FTE	Salary
Add 4th Grade MCT	1	\$55,000			
Add 5th Grade MCT	1	\$55,000	Reduce 2nd Grade Douglas	1	\$55,000
Add 4th Grade at Blanchard	1	\$55,000	Reduce 1st Grade Gates	1	\$55,000
Add 1 st Grade at Blanchard	1	\$55,000			
Elementary Literacy/Soc Studies Coord	1	\$65,000			
English Language Educator (Gates)	1	\$55,000			
McCarthy-Towne Learning Center	1	\$55,000			
Conant Learning Center/Special Ed Team Chair	1	\$65,000			
Complete 1.0 Strings - 3rd year of phase	0.4	\$30,000			
Athletics Assistant Coaches		\$27,000			
JH STEM Curriculum Coach/Specialist	1	\$65,000			
			Reduce 3.0 Spec Ed Assist	3	\$90,000
Additions	9.4	\$582,000	Reductions	5	\$200,000
Net FTE Adjustments	4.4	\$382,000			

Net FTE Adjustments

Additions	9.4	\$582,000	Reductions	5	\$200,000
Net FTE Adjustments	4.4	\$382,000			
Health Insurance (3 fam/2 ind)	5	\$80,000			
Total Salaries and Health Ins		\$462,000			

Deferred Staff Requests (not included in FY19 budget)

Positions

- 2nd Elementary Special Ed Team Leader (ETL)
- JH Humanities Coach/Specialist
- HS Physical Education Teacher
- Elementary Math Coach/Specialists
- Elementary Social Worker/Wraparound Services
- Elementary Library/Media Certified
- Elementary Digital Literacy/Instructional Technology Certified

Comparable Community Data

- Extensive report done by committee. Report is included in section 7 of the Budget Binder.
- **FY16 Per Pupil Costs**
 State Average \$15,545
 Acton-Boxborough \$14,745
 #179 out of 322 school districts
 13th out of 20 comparable school districts
- **Average combined SAT Scores: 1863**
 1st out of 20 comparable school districts
- **Student/Teacher Ratio** (Certified staff for each student)
 State Average 13.2
 Acton-Boxborough 15
 19th out of 20 comparable communities



Student Services: Budget, Enrollment, and Trends

Dr. Dawn Bentley, Assistant Superintendent for Student Services

Student Services: Department Overview

Our department provides leadership for:

- Special education programs and services
- School counseling
- Health and nursing
- English language education
- Civil rights education and implementation
- Student records
- McKinney-Vento Homeless Education Act
- Grant management
- School-based services (Medicaid) billing
- Family and community outreach

Student Services: FY17-18 Revenue Sources

- **Tuition:**
 - **FY17:** \$357,906 (*Early Childhood, Occupational Development Programs*)
- **Medicaid School-Based Services**
 - **FY17:** \$209,193
 - **FY18:** \$221,000 (*projected*)
- **DESE Circuit Breaker reimbursement**
 - **FY17:** \$2,725,488
 - **FY18:** \$2,397,322 (*projected*)

Student Services: FY17-18 Grant Revenue Sources

Grant Source	FY18	Change from FY17
IDEA Entitlement	\$1,230,188	(\$2,962)
Early Childhood Program Improvement	\$0	(\$2,250)
Early Childhood Special Education	\$30,104	(\$1,810)
Leading Educational Access Program	\$5,000	(\$5000)
Special Education Program Improvement	\$0	(\$44,528)
Title III Formula	\$38,420	\$973
TOTAL:	\$1,303,712	(\$55,577)

Student Services: Staffing Summary (from Appropriated Budget)

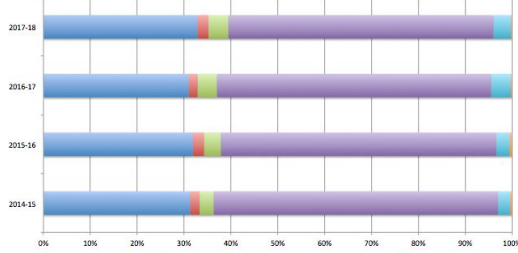
Position	FY16 FTE	FY16 Budget	FY17 FTE	FY17 Budget	FY18 FTE	FY18 Budget	FY19 FTE	FY19 Budget
Admin & Support	10	\$805,163	11.48	\$976,511	12	\$1,102,665	12	\$1,143,343
Special Educators	49.5	\$3,923,263	55.5	\$4,312,383	57.5	\$4,584,293	58.6	\$4,579,035
Special Educ. Assts.	123.85	\$3,466,890	119.39	\$3,371,891	121.92	\$3,495,154	120.75	\$3,551,253
ABA Trainers	17.71	\$702,426	21.19	\$811,080	23.78	\$821,409	25.99	\$874,838
Bus Monitor	2.03	\$60,144	2.43	\$78,744	1.23	\$60,477	1.23	\$55,175
Speech Language Paths.	11.9	\$949,049	12.5	\$904,345	12.65	\$1,076,169	15	\$1,294,709
OT/PT Teachers	6.27	\$474,324	6.57	\$508,073	6.9	\$557,475	6.9	\$582,743
EL Teachers	5	\$356,244	6.6	\$458,179	8	\$582,832	10	\$742,964
Counselors/ Psych.	31.65	\$2,559,984	32.25	\$2,642,807	34.9	\$2,898,290	34.7	\$3,018,255
Counseling Support	4.13	\$187,147	3.93	\$175,313	3.03	\$152,524	2.36	\$122,779
Nurses	10.6	\$790,563	10.6	\$828,052	10.6	\$851,298	10.6	\$896,281
TOTAL:	272.64	\$14,265,197	282.44	\$15,157,378	292.51	\$16,182,586	298.13	\$16,861,375

Student Services Expense Summary (from Appropriated Budget)

Category	Description	FY18 Amount	FY19 Proposed	Change FY18 - FY19
Special Education Tuition	CASE Collab Tuition	\$2,049,133	\$1,600,000	(\$449,133)
Special Education Tuition	Private Day Tuition	\$3,573,428	\$3,700,000	\$126,572
Special Education Tuition	Residential Tuition	\$1,300,712	\$1,360,000	\$59,288
Special Education Tuition	Other Collab Tuition	\$823,617	\$915,000	\$91,383
Specialized Transportation	CASE Transportation	\$1,473,224	\$1,500,000	\$26,776
Transportation	Medical Aide/Bus Monitor	\$150,000	\$150,000	\$0

Race/Ethnicity Demographics

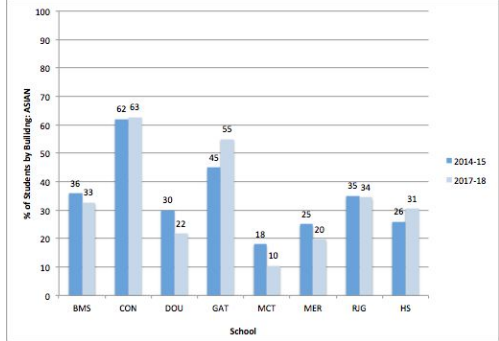
Demographic Trends: Race/Ethnicity



	2014-15	2015-16	2016-17	2017-18
% Asian	32.3	33.1	31.0	32.6
% African American	2.1	2.5	1.9	2.3
% Non-Hispanic Multi-Race	3.1	3.7	4.1	4.2
% White	62.6	61.0	58.5	56.1
% Hispanic	2.7	3.0	4.2	3.7
% Native American	0.4	0.5	0.3	0.2

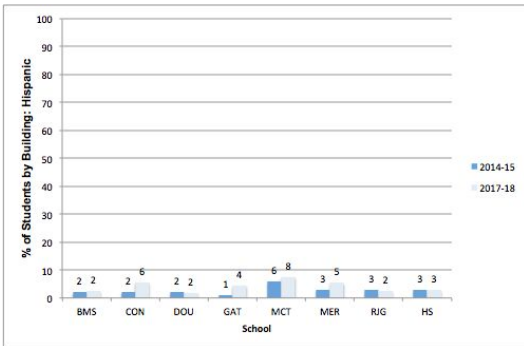
Enrollment as of October 1 for each school year listed

Percentage Race/Ethnicity by School: Asian



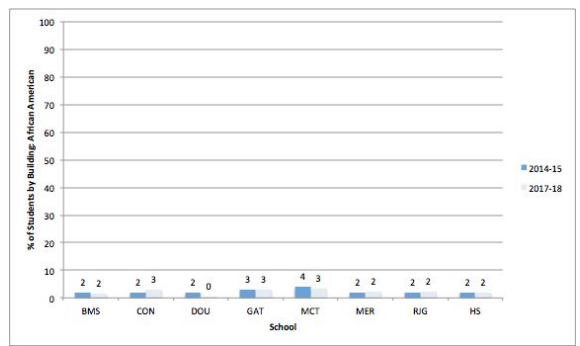
Enrollment as of October 1 for each school year listed

Percentage Race/Ethnicity by School: Hispanic



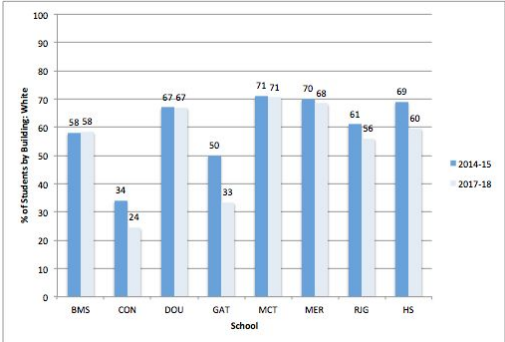
Enrollment as of October 1 for each school year listed

Percentage Race/Ethnicity by School: African American



Enrollment as of October 1 for each school year listed

Percentage Race/Ethnicity by School: White



Enrollment as of October 1 for each school year listed

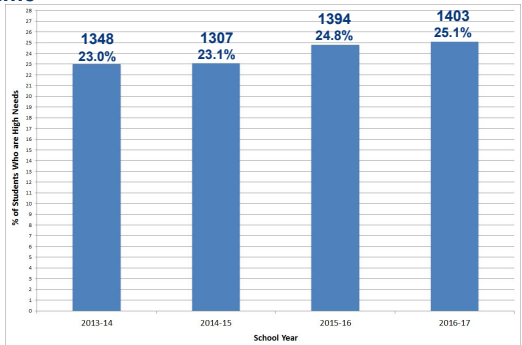
Students Categorized as "High Needs"

Students Considered "High Needs"

Students fall into DESE's "high needs" category if they are designated as one or more of the following:

- Economically Disadvantaged (ED)
- English Learner (EL)
- Former English Learner (FEL)
- Student with an IEP (SWD/IEP)

Students who are High Needs: Trends Over Time



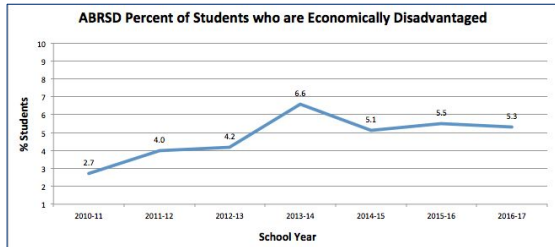
Students who are Economically Disadvantaged

Students Receiving Free/Reduced Lunch

Oct. 1 Count	2011	2012	2013	2014	2015	2016	2017
Elementary K-6 Percent	2.6%	4.0%	3.4%	5.9%	6.1%	7.5%	9.9%
Secondary 7-12 Percent	2.5%	3.8%	4.0%	4.4%	6.3%	5.9%	7.8%
Total K-12 Percent	2.6%	3.9%	3.7%	5.1%	6.2%	6.7%	8.9%
Total K-12 Number	230	211	280	385	369	486	529

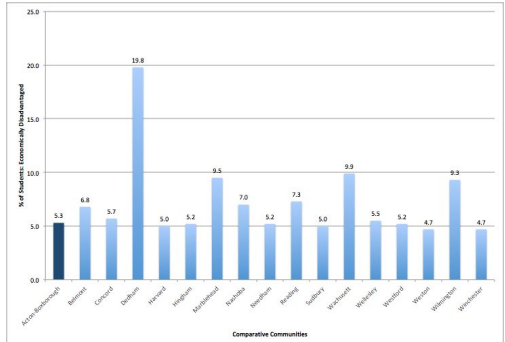
130% change over the past 7 years

% of Students who are Economically Disadvantaged



Source: DESE Selected Populations Reports

Comparative Communities: Economically Disadvantaged



Students who are English Learners and Former English Learners

Students who are English Learners (ELs) Enrollment

School	Total # Enrolled	# of ELs	% of Enrollment
Blanchard	447	19	4.3%
Conant	442	57	12.9%
Douglas	427	26	6.1%
Gates	402	61	15.2%
McCarthy-Towne	487	35	7.2%
Merriam	498	33	6.6%
RJGJHS	964	23	2.4%
ABRHS	1827	13	0.7%
TOTAL:	5494	267	4.9%

Enrollment as of October 1, 2017

EL Students by WIDA Performance Level

School	Level 1 Entering	Level 2 Beginning	Level 3 Developing	Level 4 Expanding	Level 5 Bridging	Total
Blanchard	10	3	5	2	0	20
Conant	16	5	31	6	0	58
Douglas	11	2	12	3	2	30
Gates	8	5	25	14	9	61
McT	14	7	12	7	0	40
Merriam	9	5	13	3	3	33
RJGJHS	3	4	8	4	1	20
ABRHS	2	2	5	6	0	15
% by Level	26%	12%	40%	16%	5%	
TOTAL:						277

WIDA= World-Class Instructional Design and Assessment

Enrollment as of January 25, 2018

Students who are Former English Learners (FELs)

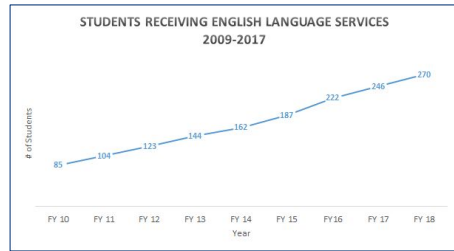
School	# of FELs Being Monitored	% of FELs Being Monitored
Blanchard	13	6.5%
Conant	27	13.4%
Douglas	30	14.9%
Gates	23	11.4%
McCarthy-Towne	23	11.4%
Merriam	11	5.5%
RJGJHS	38	18.9%
ABRHS	36	17.9%
Total:	201	-

Elementary English Language Education Services

School	# of Elementary Students Receiving ELE Services	% of Elementary Students Receiving ELE Services by Building
Blanchard	20	8.5%
Conant	58	24.7%
Douglas	26	11.1%
Gates	61	26.0%
McCarthy-Towne	37	15.7%
Merriam	33	14.0%
Total:	235	8.6%

Enrollment as of October 1, 2017

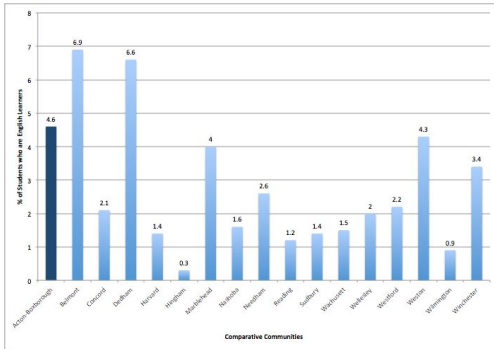
Students Receiving English Language Services (As of October 1, 2017)



218% change over the past 9 years

FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
85	104	123	144	162	187	222	246	267

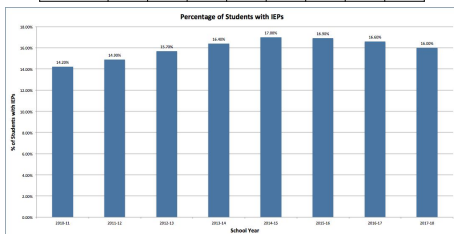
Comparative Communities: English Learners



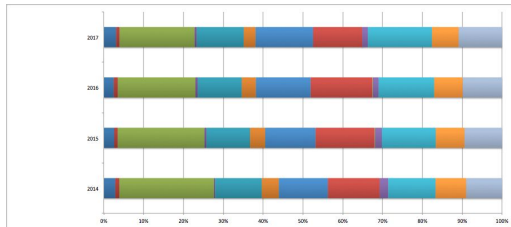
Students with Individualized Education Programs and 504 Plans

Number of Students with IEPs (As of October 1, 2017)

	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18*
Total Enrollment	6065	5964	5943	5878	5750	5737	5701	5697
Students with IEPs	861	889	931	931	979	968	948	908
% Students with IEPs	14.2%	14.9%	15.7%	16.4%	17.0%	16.9%	16.6%	16.0%



Special Education Eligibility: Trends Over Time

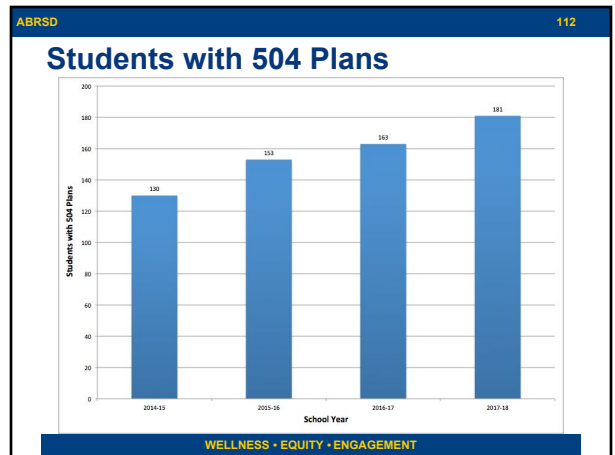
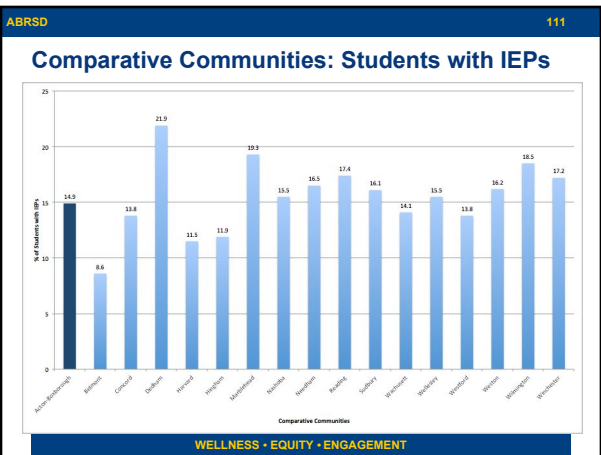
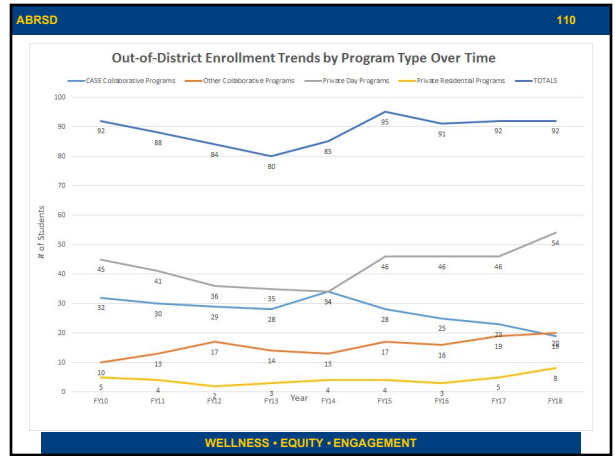


ABRSD 109

Out-of-District Enrollment Trends (FY10-18)

	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18
CASE Collaborative	32	30	29	28	34	28	25	23	19
Other Collaborative	10	13	17	14	13	17	16	19	20
Private Day Programs	45	41	36	35	34	46	46	46	54
Residential Programs	5	4	2	3	4	4	3	5	8
TOTALS	92	88	84	80	85	95	91	92	92

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ABRSD 113

“We realize that there are factors beyond our control outside of our school doors. We choose not to focus on what our kids don’t have, but focus our attention on coordinating our resources to assist our students.”
– Tara Sample

WELLNESS • EQUITY • ENGAGEMENT 113

ABRSD 114

Panel 2: Our Current District Priorities

Dr. Dawn Bentley, Assistant Superintendent for Student Services
Deborah Bookis, Assistant Superintendent for Teaching & Learning
Andrew Shen, Principal, RJ Grey Junior High School
Pam Smith, Special Education Director
Damian Sugrue, Principal, Conant School
MaryAnn Young, English Language Education Chairperson

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ABRSD 115

Long-Range Strategic Plan



Our **vision** is to provide high-quality educational opportunities that inspire a community of learners

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Our **mission** is to develop engaged, well-balanced learners through collaborative, caring relationships

Goal #2 Our students will have equitable opportunities and tools to learn.

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ABRSD 116

Proposed Positions

Position	FTE
English Language Education Teacher (Gates)	1.0
Elementary Learning Center Teachers (Conant, McCarthy-Towne)	2.0
JH STEM Coach/Specialist	1.0
3-6 Literacy/Social Studies Curriculum Coordinator	1.0
Deferred Requests	
2nd Elementary Special Ed Team Leader (ETL)	1.0
JH Humanities Coach/Specialist	1.0
Elementary Curriculum Coaches	1.0

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ABRSD 117

Our Schools Today

Our **learners** are more linguistically, culturally, and economically *diverse* than ever before.

Our **educational standards** are increasingly complex in what they expect students to be able to know and demonstrate.

Therefore...

Our **work** is to *identify the barriers/challenges* that prevent students from accessing deep learning.

This starts with a shift in our **thinking**

- About students
- About ourselves as learners and collaborators



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ABRSD 118

Our Classrooms Today

Range of Diverse Learners



The range of learners in every classroom is very diverse ranging from students who have advanced knowledge of the standards to students who are missing varying degrees of prerequisite skills embedded within grade level standards.



Therefore, learning opportunities need to vary in materials, instructional strategies and student grouping through intentional planning and implementation.


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ABRSD 119

“As educators, we have a responsibility to consider what’s in the best interest for all of our students, especially as it relates to removing obstacles or helping students overcome them.”


ROBERT A. MCGARRY
“Respect, Resilience, and LGBT Students”



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ABRSD 120

A Mindset Shift



Our **work** is to *identify and remove the barriers/challenges* that prevent students from accessing deep learning.

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Strength-based Approach

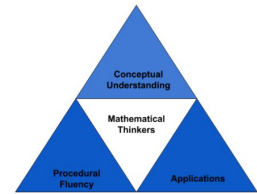
The U.S. public school population is becoming more diverse. . . Educators must engage in an asset-based approach that is inclusive . . . and improves outcomes.

Mid-Atlantic Equity Center

Working with educators and families, we need to ensure students have **equitable opportunities to learn and achieve** at high levels.

Standards and Curriculum

Mathematics Framework



MA STE Framework

*By the end of grade 12, all students must have an **appreciation for the wonder of science**, possess **sufficient knowledge of science and engineering to engage in public discussions on related issues**, and be **careful consumers of scientific and technological information and products in their everyday lives**.*

-MA STE Framework (2016): Science and Technology/Engineering Education for All Students: The Vision

Inclusive Practices

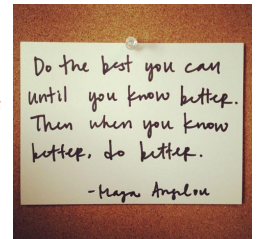
Power Elements for Inclusive Practice—Massachusetts Model System Classroom Teacher Rubric⁴

Standard	Indicator	Element	Description (Proficiency Level)
Standard I: Curriculum, Planning, and Assessment	Curriculum & Planning (I-A)	Child and Adolescent Development (I-A-2)	Demonstrates knowledge of the developmental levels of students in the classroom and the different ways these students learn by providing differentiated learning experiences that enable all students to progress toward meeting intended outcomes.
	Assessment (I-B)	Variety of Assessment Methods (I-B-1)	Designs and administers a variety of informal and formal methods and assessments, including common interim assessments, to measure each student's learning, growth, and progress toward achieving state-level standards.
	Assessment (I-B)	Adjustment to Practice (I-B-2)	Organizes and analyzes results from a variety of assessments to determine progress toward intended outcomes and uses those findings to adjust practice and identify and/or implement appropriate differentiated interventions and enhancements for students.
Standard II: Teaching All Students	Instruction (II-A)	Meeting Diverse Needs (II-A-3)	Uses appropriate practices, including tiered instruction and scaffolds, to accommodate differences in learning styles, needs, interests, and levels of readiness, including those of students with disabilities and English learners.
	Learning Environment (II-B)	Safe Learning Environment (II-B-1)	Uses rituals, routines, and appropriate responses that create and maintain a safe physical and intellectual environment where students take academic risks and most behaviors that interfere with learning are prevented.
	Expectations (II-D)	Access to Knowledge (II-D-3)	Consistently adapts instruction, materials, and assessments to make challenging material accessible to all students, including English learners and students with disabilities.
Standard III: Family & Community Engagement	Communication (III-C)	Two Way Communication (III-C-1)	Regularly uses two-way communication with families about student performance and learning and responds promptly and carefully to communications from families.
Standard IV: Professional Culture	Reflection (IV-A)	Reflective Practice (IV-A-1)	Regularly reflects on the effectiveness of lessons, units, and interactions with students, both individually and with colleagues, and uses insights gained to improve practice and student learning.
	Shared Responsibility (IV-E)	Shared Responsibility (IV-E-1)	Within and beyond the classroom, consistently reinforces schoolwide behavior and learning expectations for all students, and contributes to their learning by sharing responsibility for meeting their needs.

Our Work

We must shift our thinking:

- About students
- About ourselves as **learners and collaborators**



Two Fundamental Questions



How do people improve in the face of complexity?

How do professionals get better at what they do?



TedTalk: Want to get great at something? Get a coach by Atul Gawande

ABRSD 127

What is Instructional Coaching?

The goal of instructional coaching is to **partner with educators** to:


- problem-solve around **challenges** (academic and behavioral)
- implement **goals** educators have for students
- demonstrate/design **model lessons** that incorporate impactful instructional practices to support student goals
- empower educators to locate additional **resources**
- engage in **reflective conversations** about practice

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ABRSD 128

Our Reflection Questions

What shifts might we make that would strengthen and accelerate our own professional learning?



What current practices might be considered barriers to student success?

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ABRSD 129

Research: The Impact of Coaching

	Understanding (Explain main concepts)	Skill Attainment (Can demonstrate)	Application/ Problem Solving (Uses the skill effectively)
Presentation of Theory Lecture, cooperative learning	85%	15%	5%-10%
Modeling Modeling video, simulation	85%	18%	5%-10%
Practice & Feedback Practice during learning session	85%	80%	10%-15%
Coaching Where work occurs	90%	90%	80%-90%

Joyce, B. & Showers, B. (1995). *Student achievement through staff development: Fundamentals of school renewal*. White Plains, NY: Longman.

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ABRSD 130

Teaching and Learning

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ABRSD 131

Additional Gr. 3-6 ELA & SS Coordinator

Shifting Standards and Expectations:

- New Social Studies and History standards
- Include Pre-K in the continuum

Increasingly Diverse Learners with Complex Needs:

- Increasingly complex student needs
- Offer more options for professional learning on early release Thursdays

"History and social science disciplines provide many opportunities for students to be analytic readers who discover the relevance of ideas, events, and people from the past to their own lives while gaining understanding of what factors over time have shaped the contemporary world.

In addition, it achieves coherence between history/social science and literacy by including standards for literacy in reading, writing, and speaking and listening."

-MA DESE Review of the MA History and Social Science Curriculum Framework, p.2

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ABRSD 132

JH STEM Coach/Specialist

Shifting Standards and Expectations:

- Continuity with grade 6 standards and six elementary schools (*Standards are often banded 6-8*)
- Implementation of new STE Frameworks
- Professional learning for grade 6-8 teachers (*easier with new start/end times*)
- Continued implementation of "math tasks"
- Identifying big ideas/essential questions for each grade
- Continued mapping of each course

Increasingly Diverse Learners with Complex Needs:

- English Language Learners
- Wider range of student strengths, needs and student skills within the classroom (within both Special Education and general education)
- Broader spectrum amongst students of prior learning and exposure within these disciplines

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The Impact of Instructional Coaching

“When resources [like coaching] are allocated to supporting the classroom teacher, they directly meet the intention of providing appropriate education for the student because **the ultimate outcome of improved professional practice is student achievement.**”

Gravols, T. A. (2013). *Unifying educational systems: leadership and policy perspectives* (L. C. Burrello, W. Sailor, & J. Kleinhammer-Tramill, Eds.). New York: Routledge.

How Might We Measure the Impact of Instructional Coaching?

Impact on Students:

- Equity data (i.e. over time, are more of our students able to access classes, demonstrate learning, avoid special education referrals, etc.)
- Boston College Mindset Research Project Grades 1-6

Impact on Instructional Practices:

- Principal/Chair observations of educator practice
- Qualitative/Quantitative data - educator goal attainment
- Educator Focus Groups - what helps them do their work?

Our job is to teach the students we have.
 Not the ones we would like to have.
 Not the ones we used to have.
 Those we have right now.
 All of them.

Dr. Kevin Maxwell



English Language Education Teacher

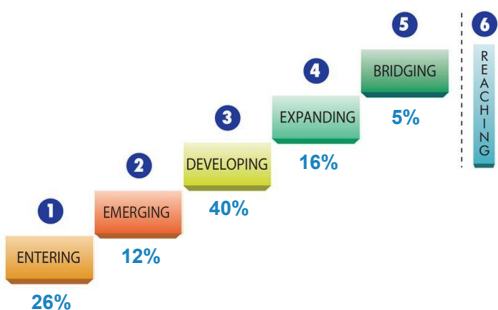
District FY19 Priority:

Understand and meet the social and emotional learning needs of our diverse and complex student body by focusing on equity, rather than equality, in staffing and deploy employees where they are necessary and required.

English Language Education Program Student Enrollment as of October 1, 2017

School	Total
Blanchard	19
Conant	57
Douglas	26
Gates	61
McCarthy-Towne	35
Merriam	33
RJGJHS	23
ABRHS	13
TOTAL:	267

Levels of English Language Proficiency



ABRSD 139

WIDA Level Example

COGNITIVE FUNCTION: Students at all levels of English language proficiency ANALYZE the connections between different historical times and people.

	Level 1 Entering	Level 2 Emerging	Level 3 Developing	Level 4 Expanding	Level 5 Bridging	Level 6 Proficient
READING	Match pictures with information about historical times and people from illustrated texts with a partner.	Identify important information about historical times and people from illustrated texts with a partner.	Sort information about historical times and people from illustrated texts using graphic organizers in small groups.	Sequence information about historical times and people from illustrated texts using graphic organizers in small groups.	Connect information about historical times and people from illustrated texts using graphic organizers (e.g., timelines).	

TOPIC-RELATED LANGUAGE: Students at all levels of English language proficiency interact with grade-level words and expressions, such as historical times, communication.

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ABRSD 140

ELE Program Staffing Levels

Year (EL Enrollment)	Staffing Increase	ELE Teacher FTE
FY16 (229)	-	5.0 FTE (4.6 direct service, 0.4 Department Chairperson)
FY17 (240)	+ 2.0 FTE	7.0 FTE (6.6 direct service, 0.4 Department Chairperson)
FY18 (267)	+ 2.0 FTE	9.0 FTE (8.6 direct service, 0.4 Department Chairperson)
FY19 (TBD)	+ 1.0 FTE	10.0 FTE (9.6 direct service, 0.4 Department Chairperson)

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ABRSD 141

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ABRSD 142

Final Phase: Elementary Learning Center Buildout

Student Services FY19 Priority:
Ensure all of our students have equitable opportunities and tools to learn by continuing to develop and expand special education programs in order to retain students in the district.

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ABRSD 143

Learning Center Multi-Year Build-Out

School	FY15	FY16	FY17	FY18	FY19
Blanchard	4.0	3.0	3.0	3.0	3.0
Conant	2.0	2.0	2.0	2.0	3.0
Douglas	2.0	3.0	3.0	3.0	3.0
Gates	2.4	3.0	3.0	3.0	3.0
McT	2.0	2.0	2.0	2.0	3.0
Merriam	2.4	2.4	3.0	3.0	3.0
Build-Out Plan:		Added 0.6 to Gates; Re-allocated 1.0 to Douglas	Added 0.6 Merriam	Original Proposed Plan: Add 1.0 Conant DEFERRED	Original Proposed Plan: Add 1.0 McT Current Proposed Plan: 2.0 FTE (McT, Conant) (Offset by 3 Assistants)

*Combined Learning Center Special Educator and IEP TEAM Chairperson

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ABRSD 144

Benefits of a 3rd Learning Center Teacher

- More co-teaching/push-in services:
 - Students stay *within* general education classroom
 - Provides modeling and support general educators to build skills and capacity
 - Self-Regulated Strategy Development (SRSD)
- Increased provision of direct service to students
- More opportunity for program oversight, student observations, and more
- Fewer grades/classrooms covered:
 - Increased staff collaboration
 - Less curriculum to cover

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ABRSD 145

Conant Split Position:

Learning Center Teacher & Team Chairperson

- Chair initial referral and IEP meetings
- Evaluate special educators
- Consult with special and general education teachers about students with IEPs and other students who are at-risk
- Ensure IEP process and programs are compliant and implemented with integrity
- Support colleagues in learning and implementing research-based practices
- Serve as a part-time Learning Center teacher

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ABRSD 146

Special Education Continuum: Existing & Projected Program Development

	Elementary		Secondary	
	K-6	7-8	9-12	
Least Restrictive Program ↓ Most Restrictive Program	Related Services	Related Services	Related Services	
	Learning Center	Learning Center	Learning Center	
	Connections	Connections II	Bridges	
	Build Out (2019-2020)	Language Learning Program (LLP)	Supported Career Education (SCE) Program	
	Resource Programs	Center for Learning & Student Services (CLASS) Program		Relational Emotional Academic Learning (REAL) Program
			Build Out (TBD)	Occupational Development (ODP) Program
Pathways I and II	Build Out (2020-21)	Build Out (2022-23)		
Out-Of-District Programs				

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ABRSD 147

Proposed Positions

Position	FTE
English Language Education Teacher (Gates)	1.0
Elementary Learning Center Teachers (Conant, McCarthy-Towne)	2.0
JH STEM Coach/Specialist	1.0
3-6 Literacy/Social Studies Curriculum Coordinator	1.0

"Excellence in education is when we do everything that we can to make sure they become everything that they can."
-Carol Ann Tomlinson

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ABRSD 148




Lunch Break

Panel 3 will begin at 12:25.

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ABRSD 149



Panel 3: School Operations

JD Head, Director of School Operations
William McAlduff, Interim Superintendent

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ABRSD 150

Overview

- Provide highlights related to Capital process and requests related to FY19
- Provide relevant information related to school operations facilities and transportation

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ABRSD 151

Capital Planning

The focus on capital planning centers around three areas:

- Secure Feasibility Study Funding for Douglas School
- Short Term Needs
- Development of Mid Term Capital Improvement Plan

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ABRSD 152

Implementation of short, medium, and long term capital needs

Short Term

Operating Budget

FY19 increase from \$771k to \$1M

Medium Term

Capital Improvement Plan (CIP)

Develop funding options over the next 18-24 months

Long Term

Building Project(s)

MSBA Funding to be announced in Feb

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ABRSD 153

FY19 Recommended Capital

FY19 vs. FY18

Capital Spending + \$ 239K

	FY17	FY18	FY19
Capital Spending	\$273K	\$714K	\$1M

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ABRSD 154

FY19 Recommended Capital

Acton-Boxborough Regional: FY19 Capital Spending - Superintendent's Recommended Budget

Source	Item No.	Item Name	FY19 Request	Inc. in Prelim	FY19 Recco	Fund in FY18	CIP	Bldg Capital	O&M Budget	Tech/Fin Budget	Defer
CIP	1	Leary Field Lights	\$430,000	No	\$0	\$250,000	\$430,000				
	2	DDC Controls - BL	\$250,000	Yes	\$25,000	\$25,000					\$225,000
	3	JH Window Frames	\$70,000	Yes	\$70,000	\$70,000					
	4	HS Aud. Ceiling	\$325,000	Yes	\$325,000	\$325,000					
	5	PD - Back Side	\$175,000	Yes	\$175,000	\$175,000					
	6	PD Chiller	\$427,500	No	\$0	\$0					\$325,000
	7	Asphalt Replacement	\$200,000	Yes	\$125,000	\$125,000					\$427,500
			\$1,877,500		\$720,000		\$4,150,000				
Other Capital	8	Admin. Building	\$75,000	No	\$0	\$75,000					
	9	BL - P Lot Improvement	\$65,000	Yes	\$65,000	\$65,000					
			\$140,000		\$65,000		\$65,000				
OPS & Maint	10	Floor Machine - HS	\$15,000	Yes	\$15,000					\$15,000	
	11	Mower - Grounds	\$15,000	Yes	\$15,000					\$15,000	
	12	Bobcat - Grounds	\$62,000	Yes	\$62,000					\$62,000	
			\$92,000		\$92,000						
Prev. Maint.	13 a	Flooring	\$10,000	Yes	\$10,000					\$10,000	
	b	Flooring	\$7,500	Yes	\$7,500					\$7,500	
	c	Flooring	\$5,000	Yes	\$5,000					\$5,000	
	d	Flooring	\$5,000	Yes	\$5,000					\$5,000	
	e	Flooring	\$5,000	Yes	\$5,000					\$5,000	
			\$32,500		\$32,500						

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ABRSD 155

FY19 Recommended Capital

BB-SH	14 a	Commons	\$200,000	Yes	\$100,000	\$100,000					
	b	Floor Machine	\$13,800	Yes	\$0						\$0
	c	EAC (Exterior)	\$27,500	No	\$0						\$27,500
	d	Aud. Curtains	\$25,000	No	\$0						\$25,000
	e	Aud. Light Control	\$32,500	No	\$0						\$32,500
	f	AC Circulator Pump	\$25,000	No	\$0						\$25,000
	g	Enclosed Tractor - Snow	\$20,000	No	\$0						\$0
	h	EAC (Interior)	\$40,000	No	\$0						\$40,000
	i	Copiers	\$22,000	Yes	\$0						\$22,000
			\$465,800		\$100,000		\$100,000				
BB-JH	15 a	Conf. Tables/Chairs	\$15,000	Yes	\$14,500						\$14,500
	b	Replace P.A. System	\$7,000	Yes	\$7,000						\$7,000
	c	Flexi-Felt Glides	\$15,833	Yes	\$1,500						\$14,433
	d	Flooring	\$11,000	Yes	\$3,500						\$3,500
	e	LCD Proj. Replace	\$10,000	Yes	\$3,500						\$10,000
	f	Chrome Book Cart	\$6,600	Yes	\$0						\$6,600
	g	Digital Signage	\$12,500	No	\$0						\$12,500
	h	Recording/Editing Equip	\$2,500	Yes	\$0						\$2,500
	i	Robotics Equipment	\$4,300	Yes	\$0						\$4,300
	j	Cafeteria Acoustical	\$50,000	Yes	\$39,000						\$39,000
				\$134,833		\$65,500					

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ABRSD 156

FY19 Recommended Capital

Constr	16 a	M/O Renovation	\$20,000	Yes	\$20,000						
	b	Asbestos Removal (CR)	\$20,000	No	\$0						\$20,000
			\$40,000		\$20,000						
M&T	17 a	Flooring	\$12,500	Yes	\$7,500				\$7,500		
	b	Smartboards	\$10,000	Yes	\$0						\$10,000
			\$22,500		\$7,500						
ME	18	Flooring	\$20,000	Yes	\$12,000				\$12,000		
			\$20,000		\$12,000						
EL	19 a	Window Replacement	\$23,000	No	\$0						\$23,000
	b	Flooring	\$21,000	No	\$0				\$0		\$21,000
			\$44,000		\$0						
VA	20 a	3Kin Replacements	\$15,000	Yes	\$5,000				\$5,000		
	b	HS Rm. ZTRW Upgrade	\$5,000	Yes	\$5,000						
			\$15,000		\$5,000						
MUSIC	21	Chairs/Standbacks	\$5,000	Yes	\$5,000				\$5,000		
			\$5,000		\$5,000						
TOTALS			\$2,829,133		\$1,124,500	\$325,000	\$1,316,000	\$116,000	\$124,500	\$65,400	\$1,218,433

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ABRSD 157

FY19 Recommended Capital

Acton-Boxborough Regional: FY19 Capital Spending - (1/27/18)


Source	Item No.	Item Name	FY19 Request	FY19 Recco	Fund in FY18	Other Funds
Other Capital		Leary Field Lights	\$430,000	\$0	\$250,000	\$180,000
		Admin. Building	\$75,000	\$0	\$75,000	
CIP		DDC Controls - BL	\$250,000	\$25,000		
		JH Window Frames	\$70,000	\$70,000		
		HS Aud. Ceiling	\$325,000	\$325,000		
		PD - Brick Sills	\$525,000	\$175,000		
		Asphalt Replacement	\$500,000	\$125,000		
SHS		Caf. Commons C	\$175,000	\$100,000		\$75,000
BL		Parking Lot Improvement	\$65,000	\$65,000		
McT		Flooring Replacement	\$12,500	\$7,500		
ME		Flooring Replacement	\$20,000	\$12,000		
JHS	15	Conf. Tables/Chairs	\$15,000	\$14,500		
		Replace P.A. System	\$7,000	\$7,000		
		Flexi-Felt Glides	\$15,933	\$1,500		
		Flooring	\$11,000	\$3,500		
		Cafeteria Acoustical	\$50,000	\$39,000		
Conant	16	M.O Renovation	\$20,000	\$20,000		
V.A.	20	3 Kln Replacements	\$15,000	\$5,000		
MUSIC	21	Chairs/Stands/racks	\$5,000	\$5,000		
TOTALS			\$2,686,433	\$1,000,000	\$325,000	\$255,000

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- ABRSD 158
- ## Thoughts About Capital Budget Process
- Beginning with FY20 develop a separate annual planning/development process for capital spending
 - Internal working group develop 3-5 year plan with approval of Budget Sub-committee and SC
 - Plan is updated each year
 - Process begins in spring after Town Meetings are completed
 - Preliminary plan brought to Budget Subcommittee early Sept.
 - Approved by SC early October
 - First Year (Spring 2018) start work on 3-5 year plan
 - Aspects of CIP, operating and building based (not on CIP)
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- ABRSD 159
- ## School Operations
- Highlight items we have been working on outside of the day to day operation of providing operations and infrastructure for the district and community at large.
 - Sustainability Policy & Student Engagement (footprint/water/compost/cleaning)
 - Utilities update involving consumption and savings over time.
 - Special project initiatives and grants
 - Update on transportation
- WELLNESS • EQUITY • ENGAGEMENT

- ABRSD 160
- ## Beyond the day to day...
- Transportation analysis related to school start times and transitioning to single elementary tier school bus transportation
 - Facilities Assessment
 - District Master Plan
 - Capital Planning
 - SOI - MSBA - School Building Project
 - Sourcing grants and other new initiatives
 - Carbon footprint reduction, waste reduction
 - Sustainability policy
 - Student engagement
- WELLNESS • EQUITY • ENGAGEMENT

- ABRSD 161
- ## Student Engagement
- 
- 6/8/2017: School Committee passed ABRSD Sustainability policy with input from High School seniors working on senior projects
 - Students are in the community doing local water outreach
 - Students are in the community mapping natural gas pipeline leaks
 - Students are giving presentations at Board of Selectmen, GAB, League of Women Voters, and attending hearings at state level.
 - 250 Students involved in Green Teams at multiple schools.
 - Students are leading composting initiatives, recycling and waste reduction initiatives, and energy conservation campaigns, with learning and leadership in social responsibility along the way.
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ABRSD 162

EPA Portfolio Manager Energy Star Score



	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17
ABRHS	x	81	85	89	91	93	91	97	98
RJ Grey	x	26	37	62	61	56	66	86	78
Parker Damon	x	75	79	90	88	87	87	93	89
Blanchard	x	x	x	x	x	x	21	69	73
Conant	63	67	54	87	86	87	89	90	90
Douglas	81	88	91	93	96	96	97	98	93
Gates	66	51	55	78	73	74	81	87	85

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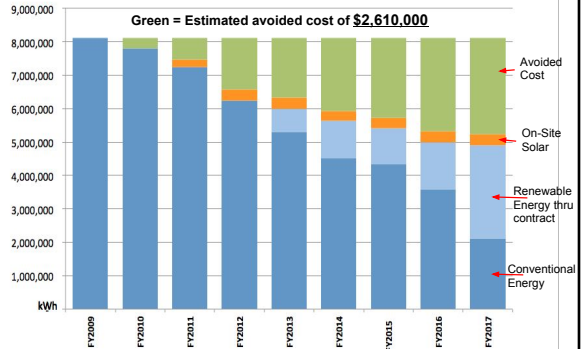
Blanchard Memorial Energy Savings

ENERGY USE weather-normalized FY2015-FY2017

	Electricity (kWh)	Natural Gas weather-normalized (therms)	Electricity & Natural Gas (MMBtu)
FY2015	5,727,555	72,124	26,755
FY2016	5,329,517	43,315	22,516
FY2017	5,228,730	36,894	21,530
Reduced energy use FY2015 to FY2017	-9%	-49%	-20%

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ABRSD Electricity Consumption: FY09 Green Community Benchmark to FY2017



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ABRSD Gas Consumption: FY09 Green Community Benchmark to FY2017



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For those keeping score...

- Total savings, or avoided costs, in gas and electric since benchmark year of FY09 (per last two slides) are estimated at **\$3,300,000**.
- Avoided costs in gas and electric at Blanchard Memorial since regionalization are estimated at **\$175,600**.

= \$ 3,475,600



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Capacity tag management

A focus on containing and minimizing capacity charges during peak grid events allows ABRSD to negotiate a lower contract price per kWh for electricity and also to avoid high capacity tag surcharges.



CAPACITY TAG - ABRSD

Year	Tag (kW) set by ABRSD	Capacity charge rate	Monthly charge	Annual charge (*12)	
FY2016	1164	\$3.43	\$3,993	\$47,921	
FY2017	221	\$6.66	\$1,470	\$17,644	
FY2018	250	\$15.00	\$3,750	\$45,000	
FY2018 if business as usual	1164	\$15.00	\$17,460	\$209,520	\$164,520 avoided cost FY2018

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Special Project Initiatives

Off-Site Solar

- Solar array under construction in Woburn- Anticipated mechanical completion March, 2018



Solar array under construction 300 Wildwood Ave, Woburn

Battery Storage

- Baker Administration awarded largest grant possible (\$1.25 million) to Enernoc in partnership with ABRSD for on site battery storage pilot project.
- Currently negotiating base terms for an agreement that we would hope to bring to SC for consideration in February.



Example of battery storage project

Anticipated revenue from initiatives: battery = \$80,000 annually & off-site solar = \$20,000 annually.

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Green Communities Grants

Year	Green Communities grants	Associated utility incentives	YEARLY TOTAL
FY2011	\$27,780	\$0	\$27,780
FY2012	\$132,356	\$27,751	\$160,107
FY2014	\$192,308	\$109,153	\$301,461
FY2016	\$195,243	\$143,829	\$339,072
FY2018	\$245,497	\$53,265	\$298,762
TOTAL	\$793,184	\$333,998	\$1,127,182

- LED lighting
- HVAC controls
- Boilers / Pumps
- Building envelope weatherization
- Demand Control Ventilation (CO2)
- Circuit Level Metering

Transportation

- Department is working on an implementation plan for Single tier Elementary school bus transportation
- Necessary to implement school start time transition for September 2018
- Working on logistics and routing in consultation with GPI
- Developing bid documents for multiple scenarios including the exploration of contract services and expansion of the existing operation
- Would anticipate presenting a detailed logistics and operations plan to the School Committee in April / May 2018



Our **vision** is to provide high-quality educational opportunities that inspire a community of learners

WELLNESS • EQUITY • ENGAGEMENT

Our **mission** is to develop engaged, well-balanced learners through collaborative, caring relationships

Interim Superintendent's Closing Remarks

FY19 Recommended Budget Summary

A Note of Thanks

- A massive undertaking that began almost four months ago
- Members of the Leadership Team
- Finance, and Human Resources Departments
- ABRSC Budget Subcommittee
- Towns of Acton and Boxborough Finance Committees
- Special mention to:
 - Marie Altieri, *Deputy Superintendent*
 - David Verdolino, *Director of Finance*
 - Karen Coll, *Assistant to the Superintendent & Director of Finance*
 - Beth Petr, *Executive Assistant to Superintendent & School Committee*

FY19 Recommended Budget Summary

FY19 Budget Summary:

- Totals \$88,960,000
- Represents a 3.3% increase over FY18

FY19 Recommended Budget Summary

What this FY19 Budget Proposal Accomplishes

- Maintains existing services
- Aligns requests with our stated goals and values
- Maintains reasonable class sizes in accordance with School Committee policy
- Strives to deliver the resources necessary to meet the needs of our students, programs and services
- Preserves and enhances prior commitments to operational areas such as OPEB and Capital



Our **vision** is to provide high-quality educational opportunities that inspire a community of learners

WELLNESS • EQUITY • ENGAGEMENT

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Discussion and Questions

Proposed School Committee FY19 Preliminary Budget VOTE Recommended Motion

That the total appropriation for the Acton-Boxborough Regional School District for the fiscal year of July 1, 2018 through June 30, 2019 be set at **\$88,960,000**, and that member towns be assessed in accordance with the Education Reform Law and the terms of the Regional Agreement and amendments thereto as follows:

Acton \$60,184,325, Boxborough \$11,389,584, with the remainder to be accounted for by the following sources of funds:

- Anticipated Chapter 70 Aid in the amount of \$14,995,436,
- Anticipated Charter School Aid in the amount of \$33,282,
- Anticipated Regional Bonus Aid in the amount of \$25,000,
- Anticipated Federal Medicaid Reimbursement of \$150,000,
- Anticipated Chapter 71, Section 16C Transportation Aid of \$1,307,373,
- Anticipated Investment Earnings of \$100,000, and
- A transfer from E&D Reserves in the amount of \$775,000.

FY19 Recommended Budget

Thank you!