

# Superintendent's Proposed Estimate of Operating Expenditures 2017-2018

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MONROE PUBLIC SCHOOLS  
— MONROE, CONNECTICUT —

# Monroe Public Schools

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The mission of the Monroe Public Schools is to ensure that all students reach their full potential as innovative thinkers and responsible citizens through a challenging, inquiry-based curriculum delivered by skilled, dedicated, and engaging educators.



# Budget Goals

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Educational Goal: Provide the support for all students to graduate with college and career ready skills.



Fiscal Goal: Continue to be fiscally responsible through contract negotiations, new energy savings, and other cost containment strategies.

# Parameters to Guide the Budget Process

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- Seek funds to support our Mission and Vision
- Class size matters
- Core academics programming is supported by elective and co-curricular programs
- Budget reductions, if necessary, will always be made to impact the least number of students

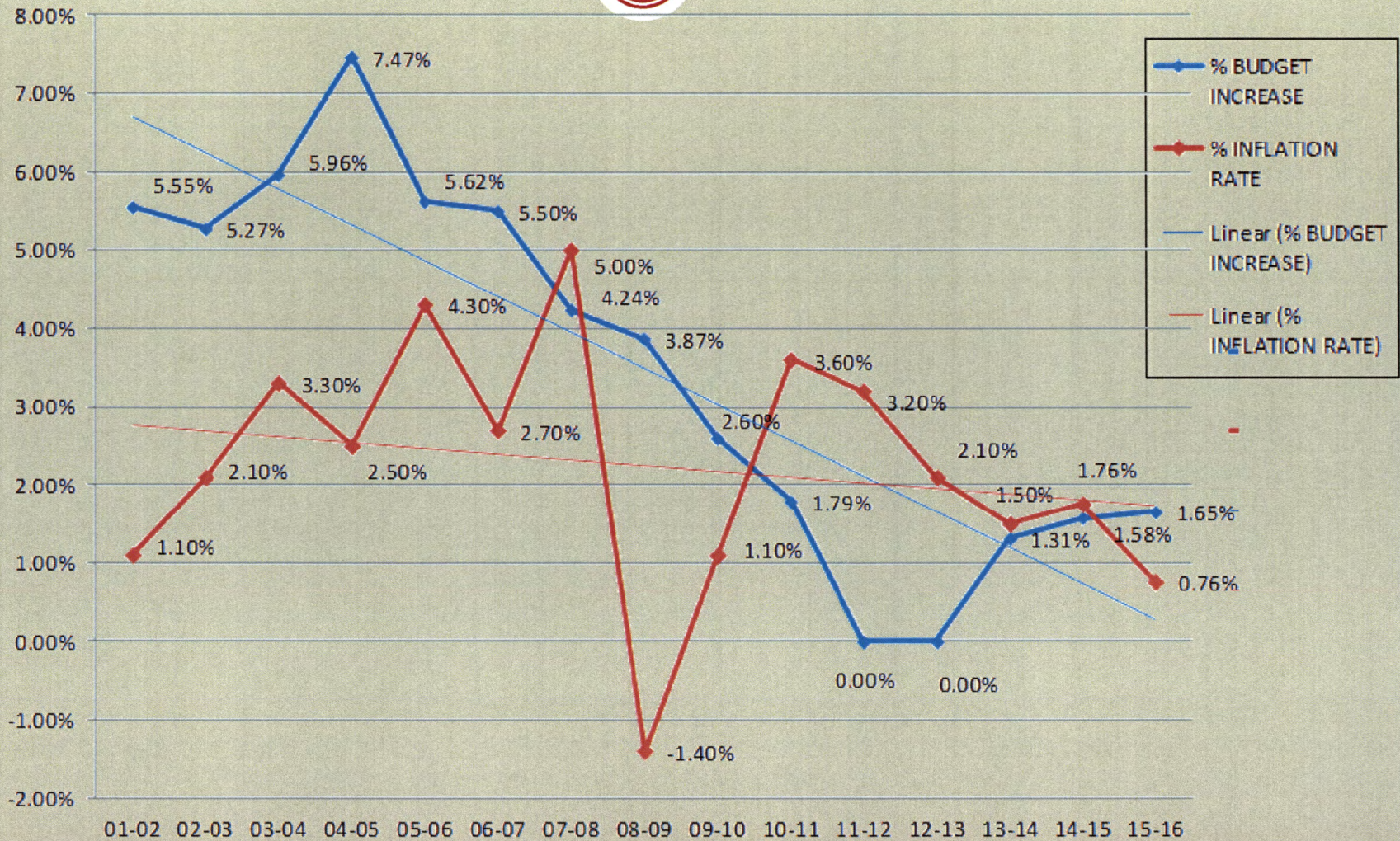
# Budget Assumptions

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- 1.5 FTE certified staff reductions
- The new demographic projections are accurate
- Medical & Dental Insurance increase of \$ 600,000
- No contingency for unforeseen Special Education costs
- State grants (e.g., Educational Cost Share, Excess Cost, etc.) are uncertain at this time
- Includes \$ 346,702 for Honeywell lease payment
- Contractual salary increases

# Budget Increase vs. CPI

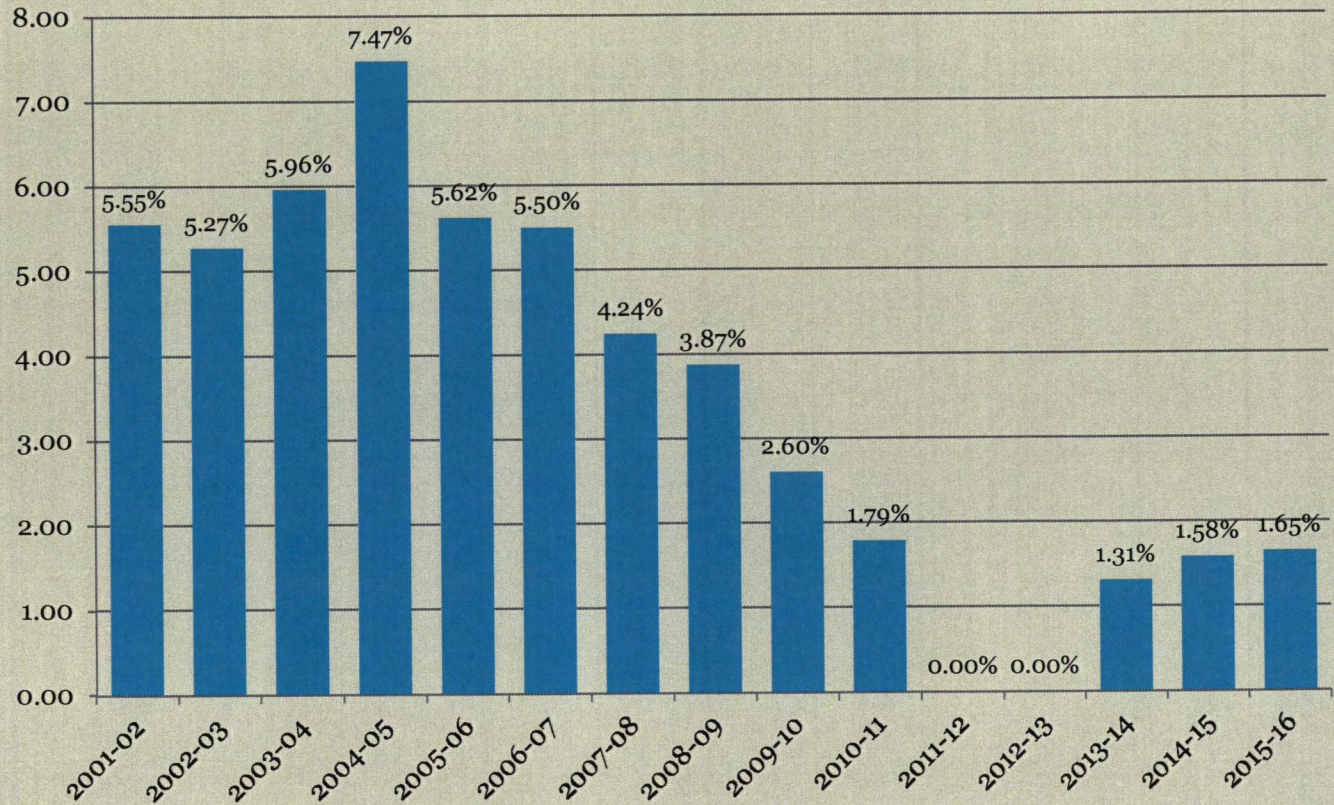
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# Monroe School Budget Increases

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Year	% Increase
2001	5.55 %
2002	5.27 %
2003	5.96 %
2004	7.47 %
2005	5.62 %
2006	5.50 %
2007	4.24 %
2008	3.87 %
2009	2.60 %
2010	1.79 %
2011	0.00 %
2012	0.00 %
2013	1.31 %
2014	1.58 %
2015	1.65 %
2016	3.47 %



# Key Drivers of the Budget

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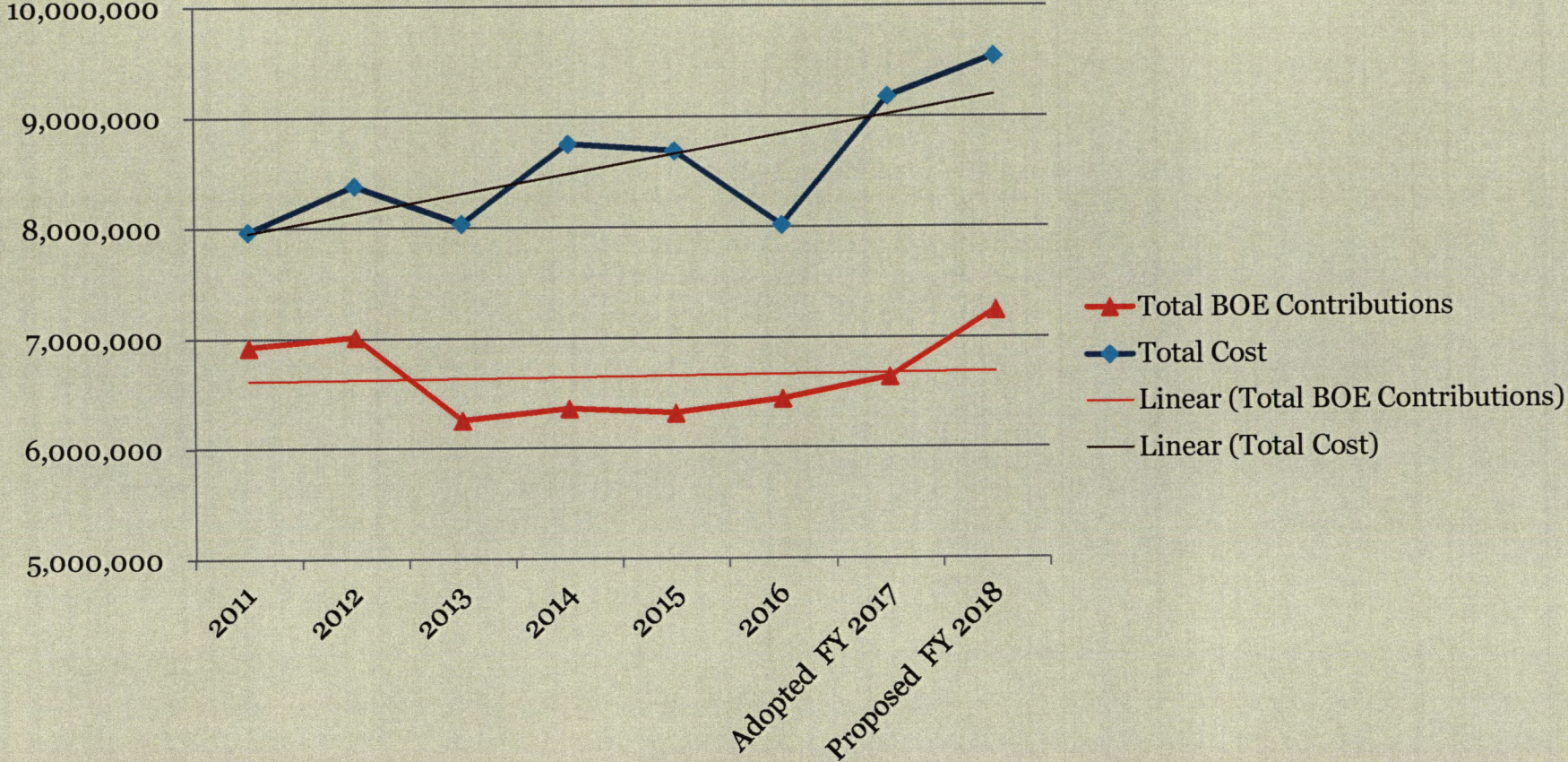
Drivers	Budget Increase	Change from 16/17
Contract Obligations (Salaries)	\$ 884,896	2.53% increase
Transportation	\$ 209,437	6.52 % increase
Medical Insurance	\$ 600,000	9.93 % increase
Special Education Instruction	\$ 388,729	19.67 % increase



# Medical Costs

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## MEDICAL COSTS



# Energy Avoidance Costs

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	2011-12	2012-13	2013-14*	2014-15	2015-16	2016-17	2017-18
<b>Natural Gas Systemwide</b>	74,398	119,251	274,673	342,179	341,387	192,812	452,886
<b>Heat Energy Systemwide (oil &amp; electric heat)</b>	517,613	510,993	117,081	283,028	272,651	343,312	158,922
<b>Electricity Systemwide</b>	723,983	705,285	654,273	638,012	678,802	712,944	644,522
<b>Total Utiliy Systemwide</b>	1,315,994	1,335,529	1,046,027	1,263,219	1,292,839	1,249,068	1,256,330

\* Honeywell Project Completed

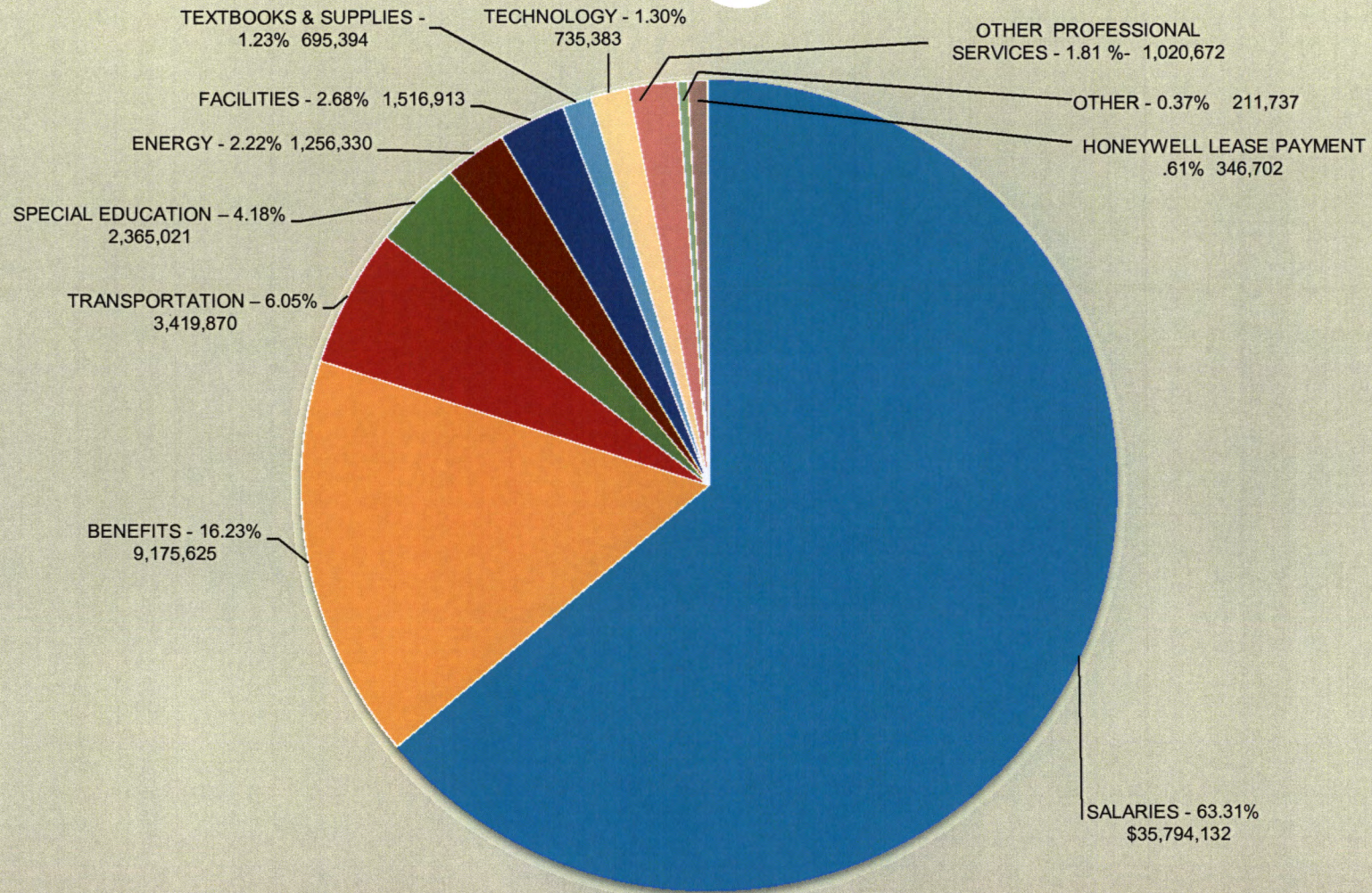
# Budget Overview 2017-2018

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	Actual FY16	Adopted FY17	Proposed FY18	Change	% Change
<b>Salaries</b>	\$ 34,196,393	\$ 34,909,236	\$ 35,794,132	884,896	2.53%
<b>Benefits</b>	8,638,231	8,757,834	9,175,625	417,791	4.77%
<b>Transportation</b>	3,063,676	3,210,433	3,419,870	209,437	6.52%
<b>Special Education Instruction</b>	1,883,301	1,976,292	2,365,021	388,729	19.67%
<b>Energy</b>	1,318,507	1,249,068	1,256,330	7,262	0.58%
<b>Facilities</b>	1,472,658	1,514,624	1,516,913	2,289	0.15%
<b>Textbooks &amp; Supplies</b>	766,645	708,556	695,394	(13,162)	-1.86%
<b>Technology</b>	637,080	726,411	735,383	8,972	1.24%
<b>Other Professional Services</b>	969,874	975,940	1,020,672	44,732	4.58%
<b>Other</b>	205,791	208,338	211,737	3,399	1.63%
<b>Honeywell Lease Payment</b>	395,969	405,035	346,702	(58,333)	-14.40%
<b>Total Operating Budget</b>	<b>\$ 53,548,126</b>	<b>\$ 54,641,768</b>	<b>\$ 56,537,779</b>	<b>\$1,896,011</b>	<b>3.47%</b>

# Summary by Expense Category

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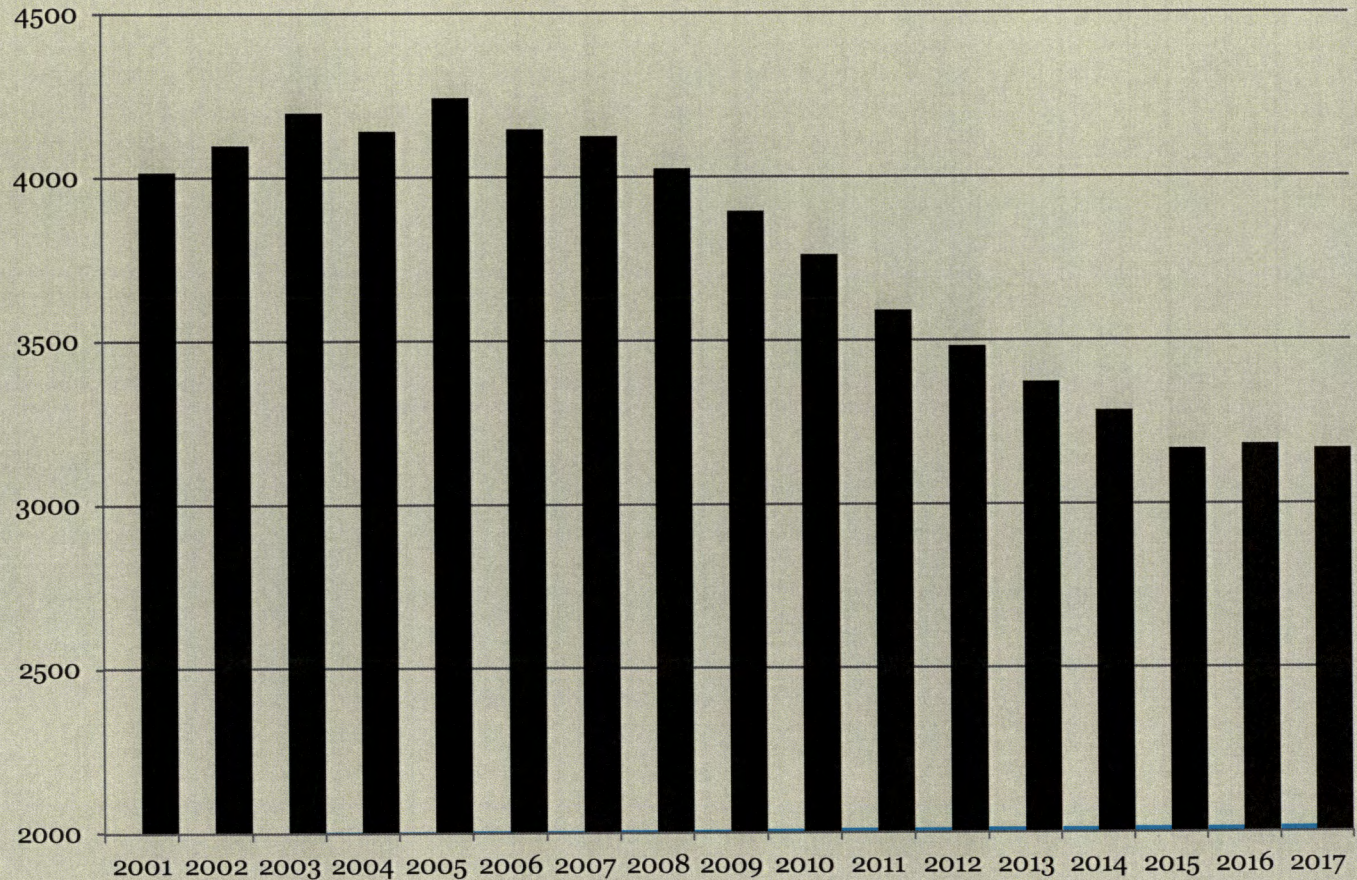


# In-District Enrollment Patterns

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## PrK-12 Enrollment

Year	(Oct 1 <sup>st</sup> )
2001	4016
2002	4098
2003	4197
2004	4141
2005	4241
2006	4146
2007	4125
2008	4024
2009	3894
2010	3761
2011	3591
2012	3481
2013	3373
2014	3284
2015	3167
2016	3180
2017	3166*



\* Milone & MacBroom Projected Enrollment 11/2016

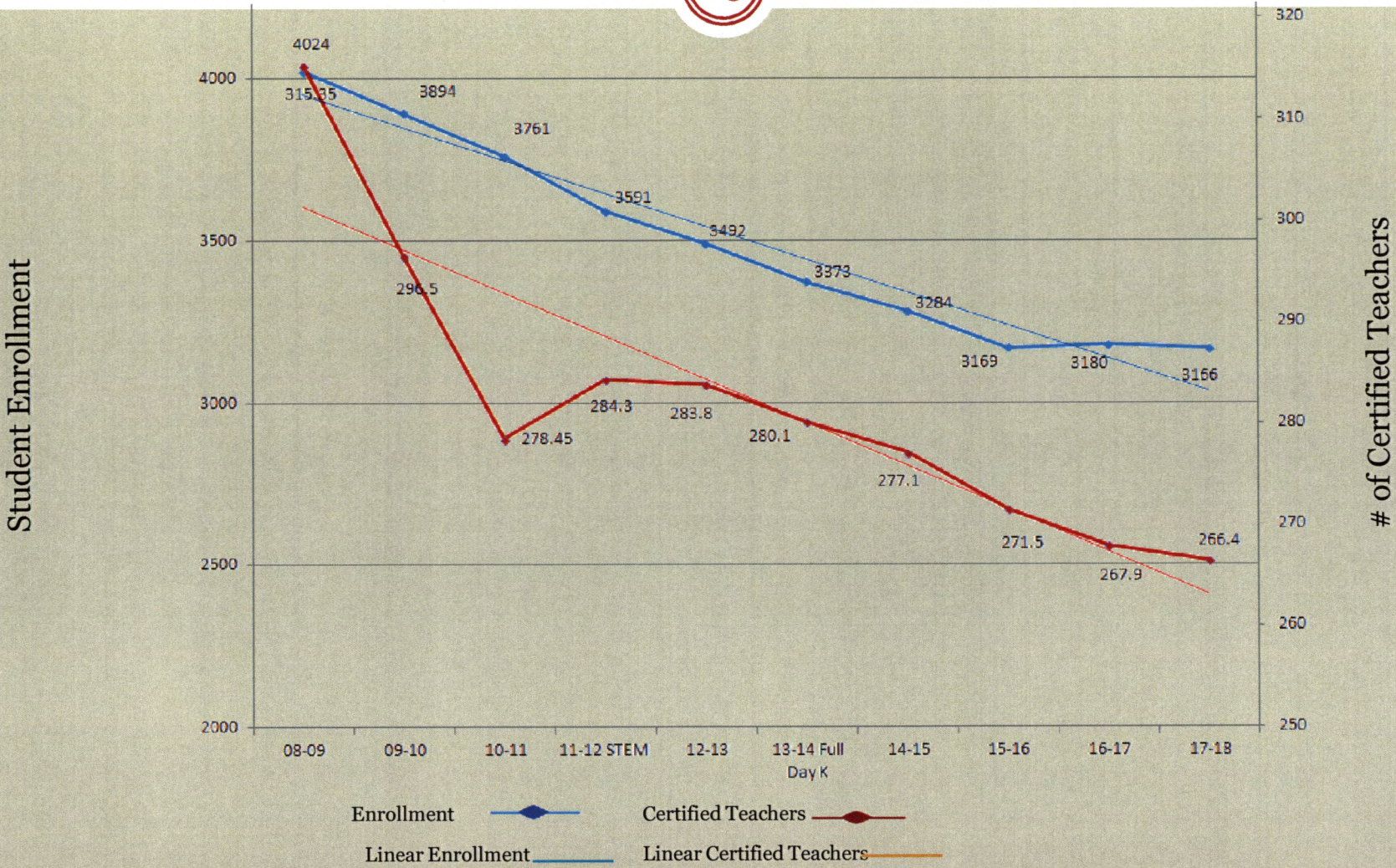
# Comparison of Classroom Teacher Levels to Student Population

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Year	Student Enrollment	Certified Teaching Staff FTE's	Change in Teaching Staff	Non-Certified Staff FTE's
08-09	4024	315.35	-4.80	187.40
09-10	3894	296.50	-18.85	183.4
10-11	3761	278.45	-16.05	180.13
11-12 STEM	3591	284.30	5.50	181.16
12-13	3492	283.80	-2.00	178.94
13-14 Full Day K	3373	280.10	1.80	176.62
14-15	3284	277.10	-4.00	176.62
15-16	3167	272.5	-4.60	174.62
16-17	3180	267.9	-4.60	171.62
17-18	3166	266.4	-1.50	171.62
Change from 08 to 17	-858		-49.10	-15.78

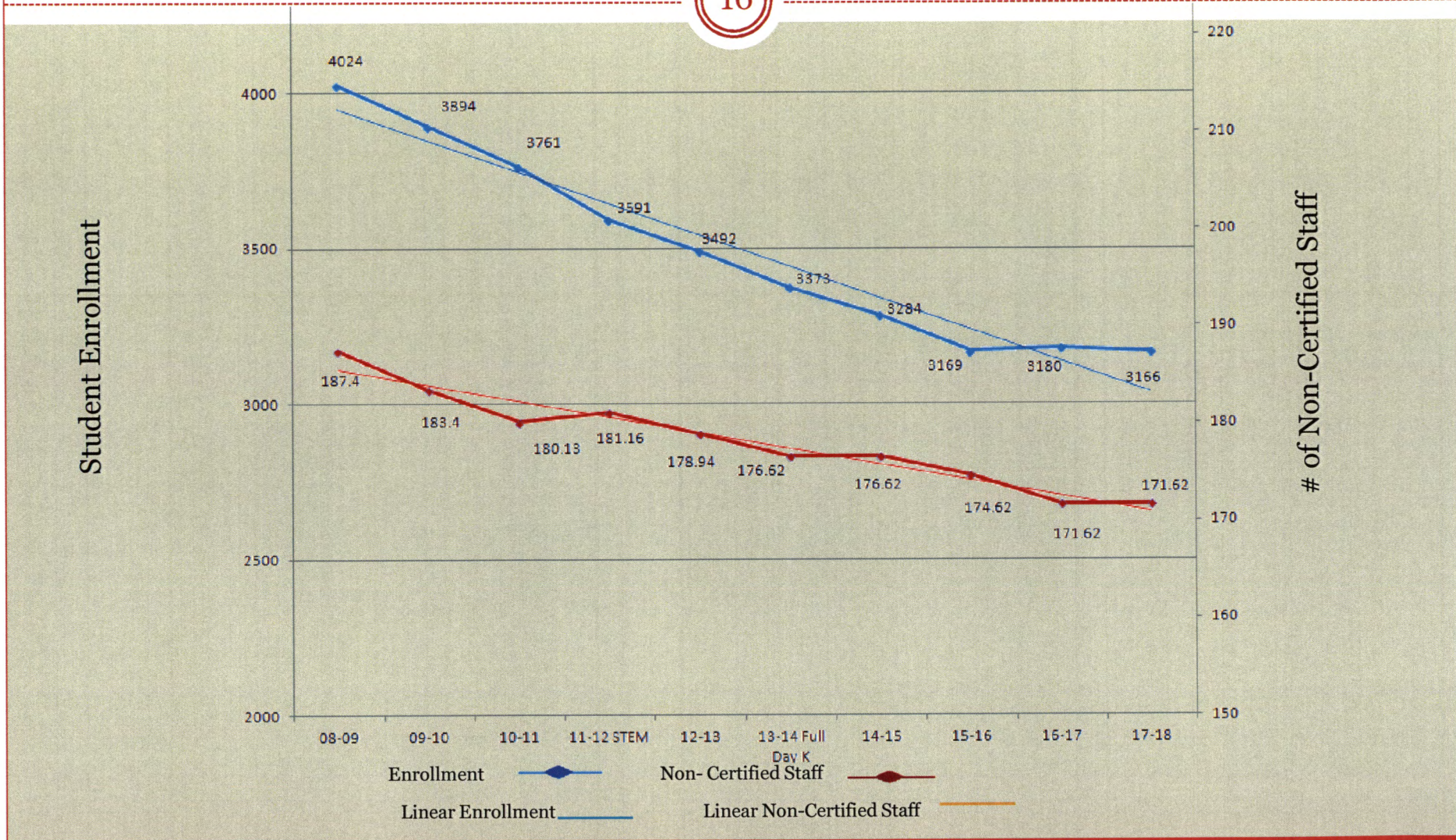
# Comparison of Certified Teaching Staff to Student Population

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# Comparison of Non-Certified Staff to Student Population

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# Enrollment

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Elementary Schools							
	PK	K	1	2	3	4	5
2016 *	49	203	190	209	224	227	235
2017 **	52	177	221	203	218	237	240

Jockey Hollow School			
	6	7	8
2016 *	238	284	260
2017 **	246	243	295



Masuk High School				
	9	10	11	12
2016 *	233	243	299	286
2017 **	245	237	247	305

\* Oct 1<sup>st</sup> Enrollment  
 \*\* Milone & MacBroom  
 Projected Enrollment 11/2016

# Proposed Staffing Changes

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<b>Staff</b>	<b>Full Time Equivalents</b>
Regular Education Certified Staff	-1.50 FTE

# Risks to the Budget

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- Decrease in state and federal funding/Governor's budget cut.
- Unanticipated special education costs.
- Unfunded mandates.
- Unanticipated maintenance/emergency repair costs.
- Continued high medical and prescription costs.

# The Proposed Budget

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- Provides support for all students in meeting the Connecticut Core Standards (CCS).
- Provides adequate maintenance of all school buildings.
- Provides teacher training in all district initiatives (Columbia Writing Project, Inquiry Learning, BYOT, CCSS, Teacher Evaluation, Next Generation Science Standards, etc.).

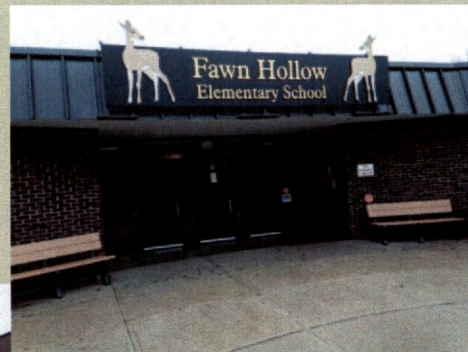
# Budget Revenue Sources

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	2017		2018	
	Revenue \$	% of Total Budget	Revenue \$	% of Total Budget
Tax Revenues	\$ 46,199,775	84.55%	\$ 47,939,662	84.79%
Educational Cost Sharing (ECS Grant)	\$ 6,572,118	12.03%	\$ 6,572,118	11.62%
Grants (e.g. Title Grants, Perkins Grant)	\$ 862,184	1.58%	\$ 928,852	1.64%
Excess Cost (SPED)	\$ 782,749	1.43%	\$ 871,404	1.54%
Facility Usage	\$ 30,000	0.05%	\$ 30,000	0.05%
Pay to Play	\$ 194,942	0.36%	\$ 195,743	0.35%
	\$ 54,641,768		\$ 56,537,779	

# 5 Year Capital Needs Projection

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The Plan

# MPS Facilities Improvements

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- Monroe El electrical upgrade and water tank removal.
- Masuk and Fawn Hollow roof replacement.
- Security enhancements: sally ports, controlled access, panic buttons, glass upgrades.
- Honeywell: HVAC upgrades, Masuk gas conversion, lighting upgrades, lock replacements.
- Stepney Elementary oil tank replacement.
- Playground safety improvements.
- Masuk turf field.
- Proposed Stepney El roof replacement.

# 5 Year Capital Needs Projection

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<i>Facility</i>	<i>Description</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>2019-20</i>	<i>2020-21</i>
<i>Stepney Elementary</i>	Oil tank replacement. Tank was installed in 1988 and must be replaced within 25 years.	\$99,560 (complete)				
<i>Fawn Hollow</i>	Front driveway drainage and reconfiguration		\$61,000			
<i>Monroe Elementary</i>	Oil tank replacement. Tank was installed in 1989 and must be replaced within 25 years.			\$96,430		
<i>Masuk High School</i>	Oil tank replacement. Tank was installed in 1990 and must be replaced within 25 years.				\$185,480	
<i>Stepney Elementary</i>	New roof		\$2,600,000			
<i>Masuk High School</i>	Traffic pattern work	\$42,300 (In progress)				
<i>Fawn Hollow</i>	Replace PA and Clock system		\$25,000			
<i>Masuk</i>	Stadium field renovation.	\$2,260,000 (complete)				
<i>District Office</i>	Install duct for plenum return and replace exchanger and compressor.			\$120,000		



# Equipment Replacement Plan

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Facility	Description	2016-17	2017-18	2018-19	2019-20	2020-21
<i>Masuk/ Systemwide</i>	Replace F550 Plow Truck with Sander	<b>\$80,000 (complete)</b>				
<i>Masuk/ Systemwide</i>	Replace Tractor w Loader	<b>\$45,000 (complete)</b>				
<i>Masuk</i>	Replace Cushman 1970		<b>\$18,000</b>			
<i>Masuk</i>	Replace rider floor machine		<b>\$13,000</b>			
<i>Masuk/ Systemwide</i>	Replace lift-gate truck with plow and sander			<b>\$55,000</b>		
<i>Stepney</i>	Replace walk behind floor machine				<b>\$13,000</b>	
<i>Systemwide</i>	Replace F350 plow truck with sander				<b>\$45,000</b>	
<i>Masuk</i>	Replace Cushman 1984					<b>\$18,000</b>

# The End in Mind...

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