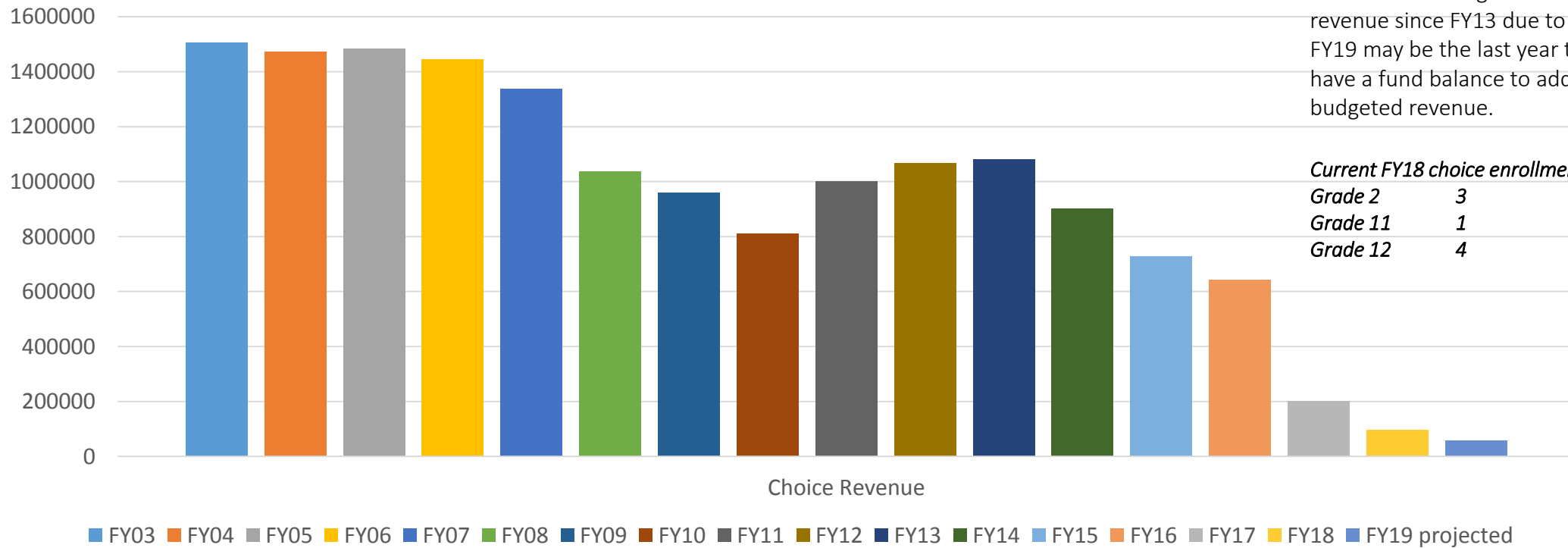




School Choice Revenue

Choice Revenue

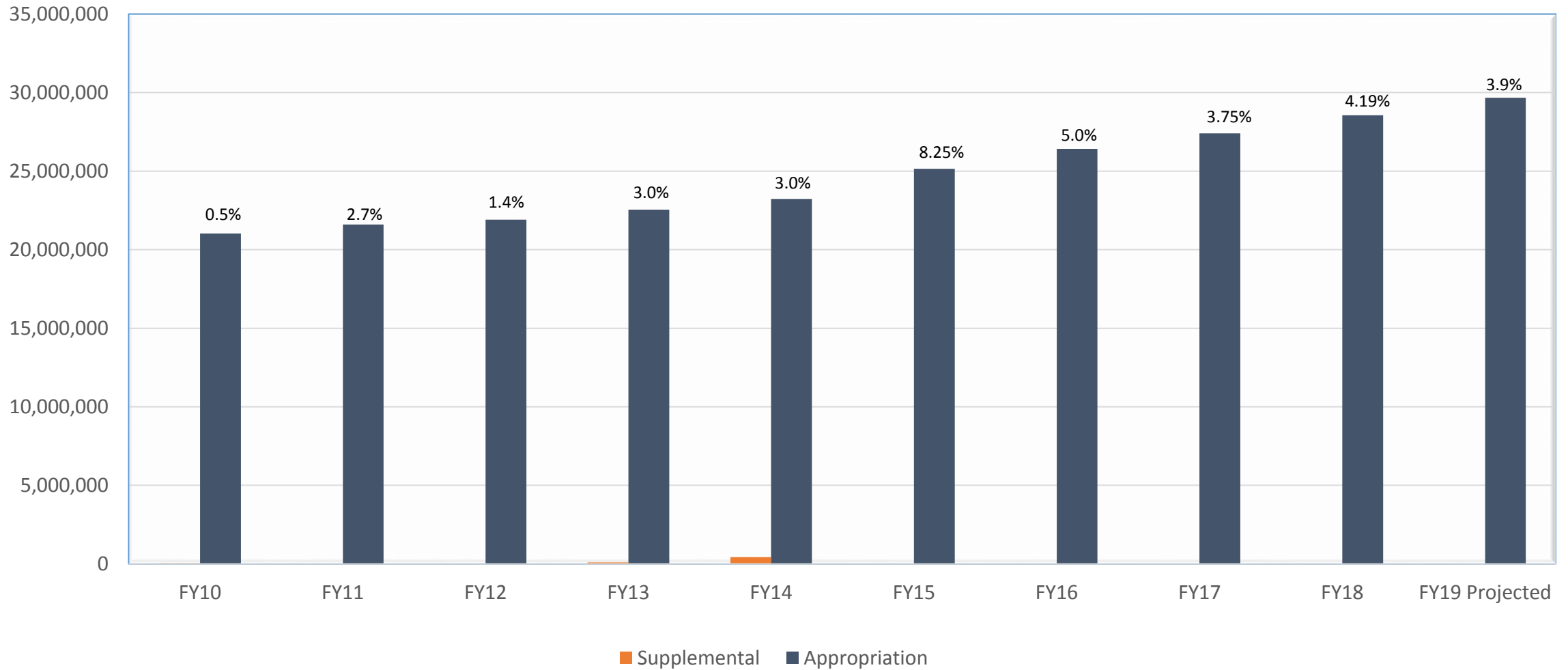


This graph shows revenue received from Choice over the past 15 years. We are continuing to show a decrease in revenue since FY13 due to enrollment. FY19 may be the last year that we will have a fund balance to add to our budgeted revenue.

Current FY18 choice enrollment is 8:

<i>Grade 2</i>	<i>3</i>
<i>Grade 11</i>	<i>1</i>
<i>Grade 12</i>	<i>4</i>

School Appropriation – Past 10 Years



Special Education Costs

Tuition

FY13: \$1,585,282
 FY14: \$1,912,996
 FY15: \$1,839,419
 FY16: \$2,189,468
 FY17: \$2,332,046 (budgeted)
 FY18: \$2,631,105 (projected)

Transportation

FY13: \$500,968
 FY14: \$523,907
 FY15: \$439,252
 FY16: \$548,495
 FY17: \$545,000 (budgeted)
 FY18: \$561,350 (projected)

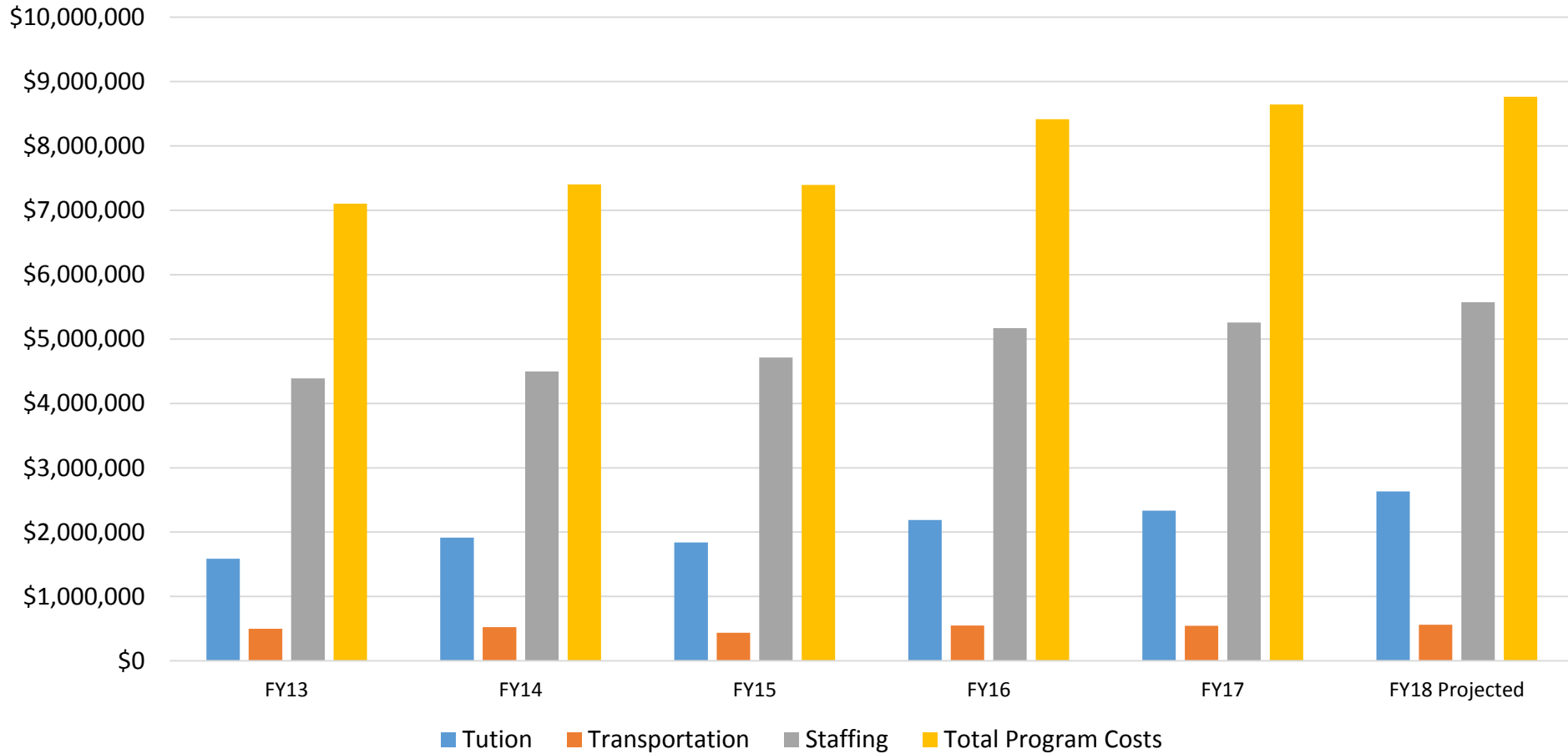
Staffing

FY13: \$4,388,999
 FY14: \$4,494,691
 FY15: \$4,712,312
 FY16: \$5,169,047
 FY17: \$5,255,874 (budgeted)
 FY18: \$5,572,170 (projected)

Total (Tuition, Transp., Staff)

FY13: \$6,475,249
 FY14: \$6,931,594
 FY15: \$6,990,983
 FY16: \$7,907,010
 FY17: \$8,132,920 (budgeted)
 FY18: \$8,764,625 (projected)

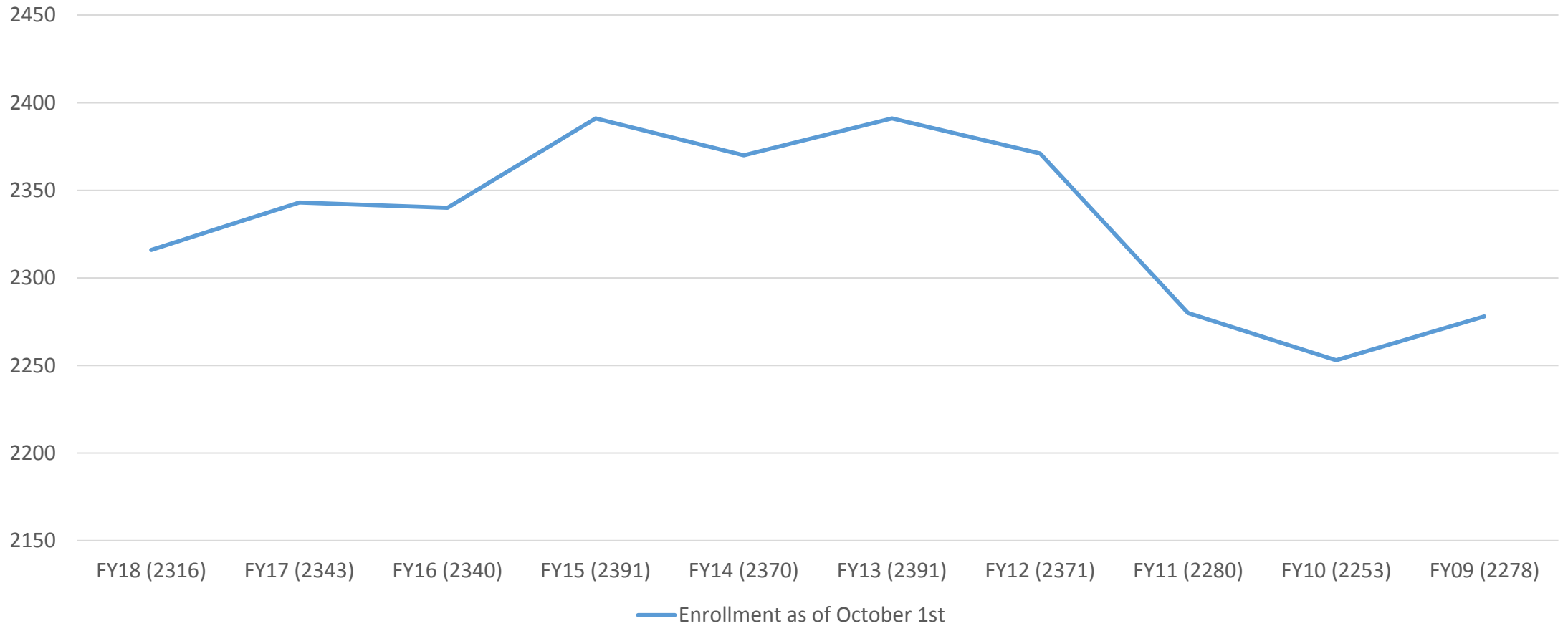
Special Education Program Costs



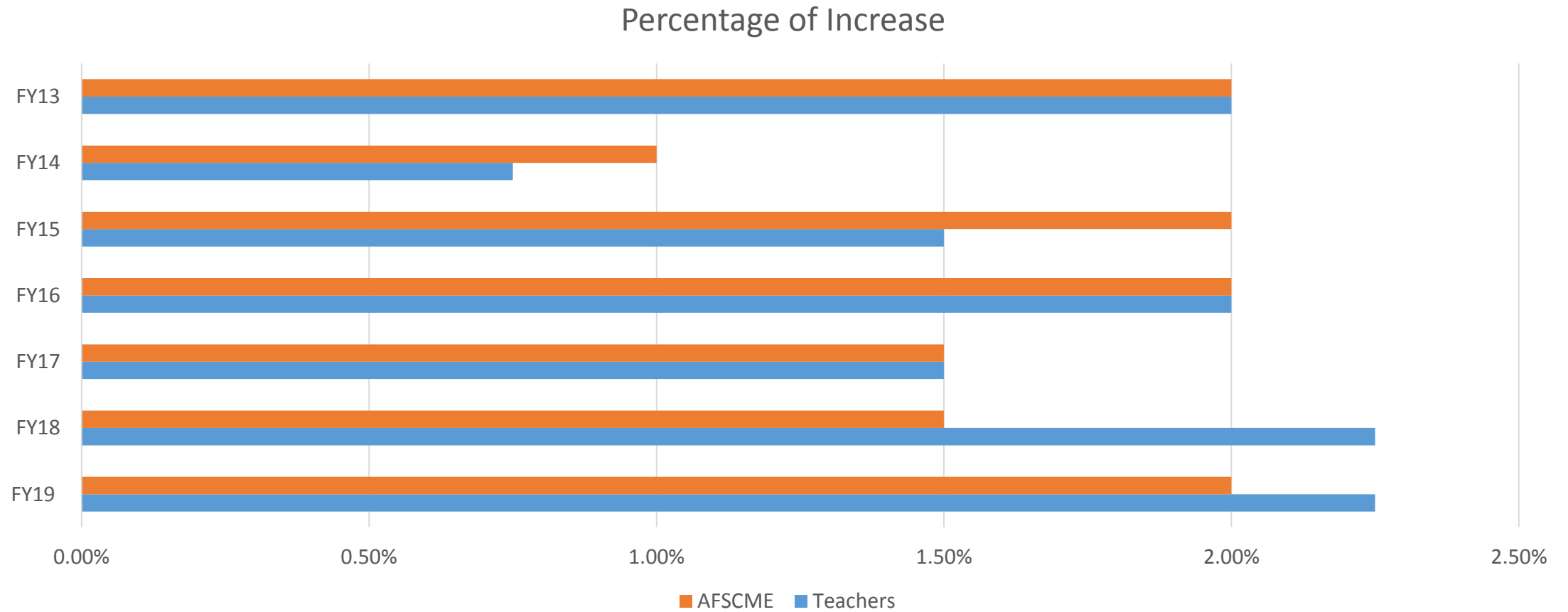
Revenue Decrease - Grants

Grant Name	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18
SPED 240 Grant (Project ABLE)	516,705	528,797	534,197	547,752	530,958	539,090	535,414	548,332	532,162
Early Childhood SPED 262	12,643	12,665	12,674	12,651	12,002	12,617	12,604	11,669	11,083
Title I - 305	236,087	222,238	216,223	155,959	170,933	164,907	202,197	207,296	217,302
Quality Full Day Kindergarten	52,680	51,070	50,634	45,000	65,634	49,960	49,961	-	-
Academic Support-Summer	-	-	-	-	4,500	-	-	-	-
EEC Program Improvement	-	-	-	3,000	3,350	6,700	2,000	1,400	-
Safe and Drug Free Schools	7,369	2,317	-	-	-	-	-	-	-
Tech. Grants/Enhanced Ed-Title IIB	2,878	-	-	-	-	-	-	-	-
Teacher Quality -Title IIA	55,515	54,101	43,490	35,468	47,462	39,665	40,348	39,388	53,117
Essential School Health Services	55,760	55,760	55,760	55,760	55,760	55,760	61,830	77,760	77,760
Early Intervention Literacy	-	11,000	-	-	-	-	-	-	-
Sped Prof. Development	-	-	26,368	17,353	10,101	18,586	19,462	19,462	-
Academic Support	10,300	10,400	9,800	8,800	7,900	5,600	5,000	-	-
Literacy Partnerships-GR2	30,000	23,000	23,000	13,000	20,553	14,760	-	-	-
Title I - Carry Over	11,455	2,936	1,974	-	-	-	-	-	-
Teacher Quality-Title IIA - CO	12,673	7,750	18,623	-	-	-	-	-	-
SPED ARRA 760	298,162	312,700	-	-	-	-	-	-	-
SPED ARRA 762-Early Childhood	11,601	12,222	-	-	-	-	-	-	-
Title I ARRA 770	72,481	98,290	-	-	-	-	-	-	-
ARRA Stabilization Grant- 780	-	16,784	-	-	-	-	-	-	-
Education Jobs Grant - 206	-	42,505	179,804	22,085	-	-	-	-	-
Race To the Top Grant - 201	-	19,970	49,485	44,446	59,844	-	-	-	-
Safe & Supportive Schools	-	-	-	-	10,000	-	-	-	-
Title III Grant	-	-	-	-	-	-	-	-	16,771
Youth Opioid Grant	-	-	-	-	-	-	-	-	10,875
Title IV Grant	-	-	-	-	-	-	-	-	5,327
Total	1,386,309	1,484,505	1,222,032	961,274	998,997	907,645	928,816	905,307	924,397

Enrollment as of October 1st



Salary Increases



Newburyport Birth Rate

Year	Births
2015	132
2014	135
2013	166
2012	158
2011	175
2010	136
2009	180
2008	205
2007	164
2006	180
2005	210

Energy Usage Trends

Electricity (annual kWh)	FY15	FY16	FY17	FY18 (projected)
Bresnahan	820,000	718,200	707,400	671,267
Middle/Molin	802,030	846,380	750,331	782,050
<u>NHS</u>	<u>1,242,750</u>	<u>1,197,000</u>	<u>1,146,000</u>	<u>1,162,250</u>
Total	2,864,780	2,761,580	2,603,731	2,615,567
Natural Gas (annual Therms)	FY15	FY16	FY17	FY18 (projected)
Bresnahan	33,729	22,811	23,040	25,108
Middle/Molin	48,605	33,281	35,073	37,530
<u>NHS</u>	<u>100,380</u>	<u>72,802</u>	<u>69,876</u>	<u>84,950</u>
Total	182,714	128,894	127,989	147,588

Notes:

- FY15 was a very cold year (6,666 heating degree days) while FY16 & FY17 were relatively mild (5,417 & 5,583 HDD). FY18 TBD.
- Equipment recording solar production at Nock was non-functional for a period of time in FY15 thereby reducing the actually total electricity usage that was recorded at Nock Molin for that year.
- Solar production has averaged between 40% and 45% of total electricity usage for the Nock Molin building.
- FY18 projections are based on actual usage for July through January and 3-year average usage for February through June.

Energy Cost Trends

Electricity (based on cost/kWh)	FY15	FY16	FY17	FY18 (projected)
Bresnahan	\$118,200	\$119,221	\$114,532	\$112,267
Middle/Molin	\$116,294	\$129,496	\$117,052	\$122,782
<u>NHS</u>	<u>\$180,199</u>	<u>\$185,535</u>	<u>\$189,488</u>	<u>\$203,394</u>
Total	\$414,693	\$435,252	\$421,072	\$438,443
Average cost/kWh (\$)	.145	.157	.162	.167

- Electricity supply costs are fixed at .0907/kWh
- Electricity delivery costs can vary widely month to month and have risen steadily. Total delivery costs include a number of factors including demand charges, transmission charges, energy efficiency charges and renewable energy charges.
- Attempts have been made to use an average cost per kWh for each building despite the variability that exists from month to month and season to season.
- High school costs includes an energy efficiency project co-payment of \$820/month. This is a 24 month no-interest payment which will expire in June of 2018.

Energy Cost Trends (cont.)

Natural Gas (cost/Therms)	FY15	FY16	FY17	FY18 (projected)
Bresnahan	\$37,102	\$20,758	\$25,344	\$26,900
Middle/Molin	\$49,577	\$30,286	\$33,368	\$37,685
NHS	\$102,388	\$66,250	\$66,522	\$85,697
Total	\$189,066	\$117,294	\$125,234	\$150,282
Average cost/therm (4)	1.03	.91	.98	1.02

Notes:

- As of January 2018 natural gas supply costs rose from .4999 to .57 per therm, currently on a one year contract.
- Delivery charges have fluctuated significantly throughout this period, but have typically averaged around .47 per therm over the past two years.
- When the new Bresnahan and remodeled Nock Molin schools opened we were unable to obtain a contract for natural gas supply due to the lack of a usage history. As a result our cost per therm was higher at during FY15, which also coincided with a colder than normal winter, further inflating supply costs. We were able to obtain a two-year contract in January of 2016.
- All amounts are approximate based on a review of available invoices and other information from each specific time period. Due to fluctuations in market costs and delivery charges a much more detailed and time consuming review would be required to provide a perfectly accurate report. All data presented is believed to be representative of the cost trends experienced during this time period.

Recent Unplanned Capital Expenses

Date	School	Description	Cost
June 2015	NHS	Replace variable frequency drive in RTU-2	\$5,577.00
Sept. 2015	NHS	Replace ice machine in athletic trainers room	\$4,770.00
October 2015	NHS	Elevator & Wheelchair lift-repairs due to failed state inspection	\$4,911.00
August 2016	NHS	Kitchen-replace evaporator coil in walk-in refrigerator	\$6,194.00
August 2016	Nock	Elevator-replace power door operator	\$5,266.00
August 2016	NHS	Replace water heater for kitchen	\$4,638.00
Summer 2016	Nock	Repairs to AC1C air handling unit	\$4,357.00
Summer 2016	NHS	Front entrance-remove deteriorated concrete and rebuild HC ramp	\$8,625.00
January 2017	Bres	Replace bladder in expansion tank for hot water system	\$4,136.00
March 2017	NHS	Kitchen-replace boiler for steam kettle	\$9,262.00
August 2017	NHS	Replace variable frequency drive in air handling unit	\$4,363.00
Fall 2017	NHS	East Terrace-remove planters including all vegetation and soil due to leaking into mechanical space below	\$11,695.00
December 2017	NHS	Replace water heater for science labs	\$4,391.00
Ongoing	NHS	Roof repairs	\$8,000.00
Spring 2018	NHS	East Terrace-remove adhesive from brick, repair flashing, pour concrete in depressions left by removal of planters (see above)	\$16,850.00