

TOWN OF GREENWICH



Financial Trends 2008-2017

September 4, 2018



TOWN OF GREENWICH

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Peter J. Tesei
First Selectman

TO: All Department Heads and Appointing Authorities
CC: BET Members
FROM: Peter J. Tesei, First Selectman
DATE: September 4, 2018
SUBJECT: Financial Trends Analysis: 2008-2017

Purpose

This document presents a ten-year historical analysis of several financial trends that describe the Town's revenues, expenditures, and fund balances. This information helps provide context for the Town's broader economic environment as departments develop their budgets for the upcoming fiscal year.

Methodology

The data and information used in this analysis comes from the Comprehensive Annual Financial Reports (CAFR), the Town Budget Books, and the Actuarial Valuation Reports. The notes on the bottom of each graph indicate the specific sources that were used as well as how the figures were calculated, where applicable.

Summary

The Town's consistent philosophy of maintaining a strong fund balance, issuing five-year bonds, and using conservative revenue and expenditure assumptions in building the annual budget represent a prudent approach to financial management. This approach has been noted by all three credit rating agencies; in addition to sound financial management practices, the agencies cite the Town's sizeable tax base, strong liquidity, modest debt burden, and manageable long-term liabilities as credit strengths.

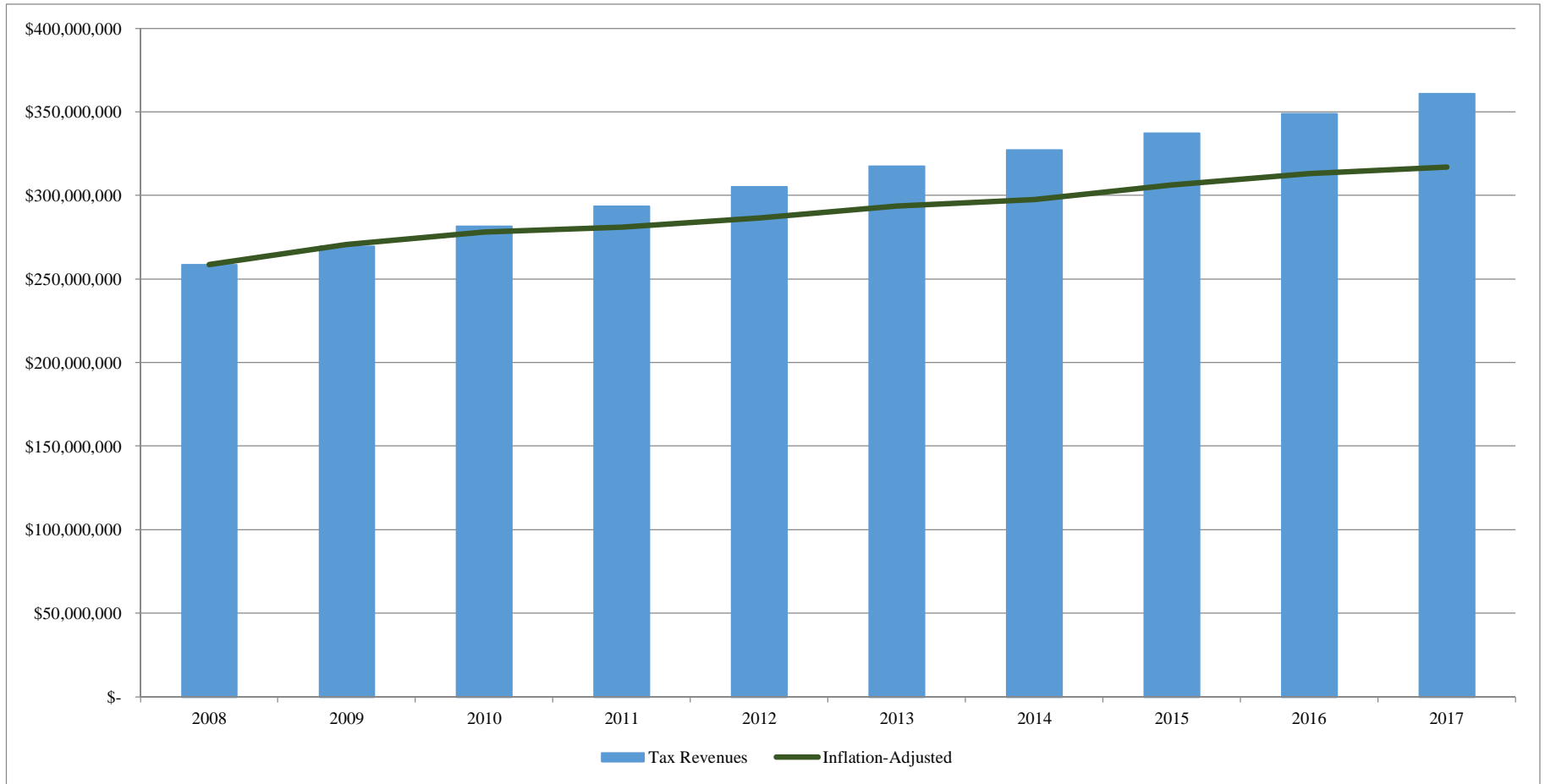
The information included in this document highlights several trends that continue to put increasing pressure on the Town budget. In particular, the costs associated with employee healthcare and pension obligations increasingly represent a larger portion of personnel costs. In addition to rising costs, the Town has experienced a significant reduction in state aid. It is critical to balance these obligations with our operational needs as we seek operational efficiencies through Lean Six Sigma methodology, continue to provide exceptional service to the residents of Greenwich, while maintaining a modest and predictable tax rate.

**TOWN OF GREENWICH
FINANCIAL TRENDS: 2008-2017
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I. REVENUES

Tax Revenues



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tax Revenues	\$258,631,640	\$269,521,769	\$281,635,664	\$293,708,168	\$305,393,536	\$317,606,627	\$327,149,349	\$337,168,005	\$349,023,115	\$360,852,227
Inflation-Adjusted	\$258,631,640	\$270,484,091	\$278,079,958	\$281,126,215	\$286,384,420	\$293,537,690	\$297,530,736	\$306,278,803	\$313,098,050	\$316,957,274

Notes

Includes real estate, personal property and motor vehicle

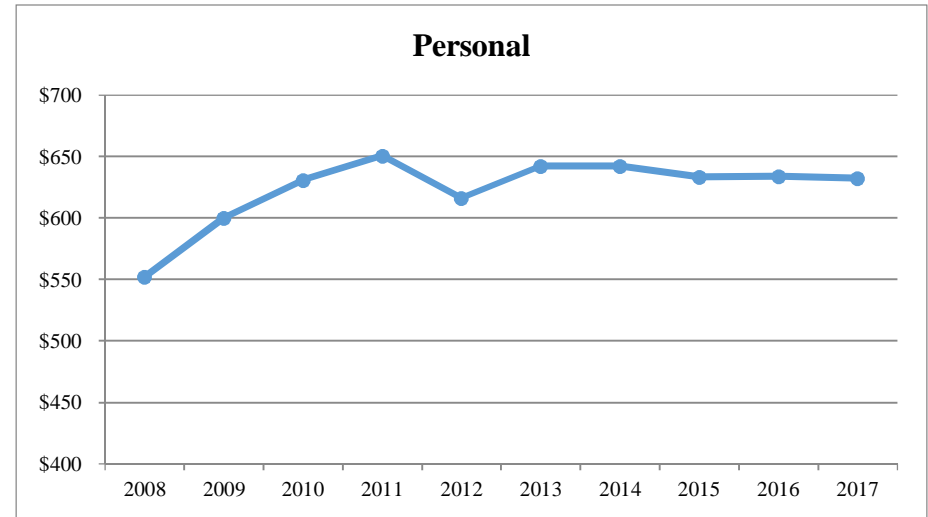
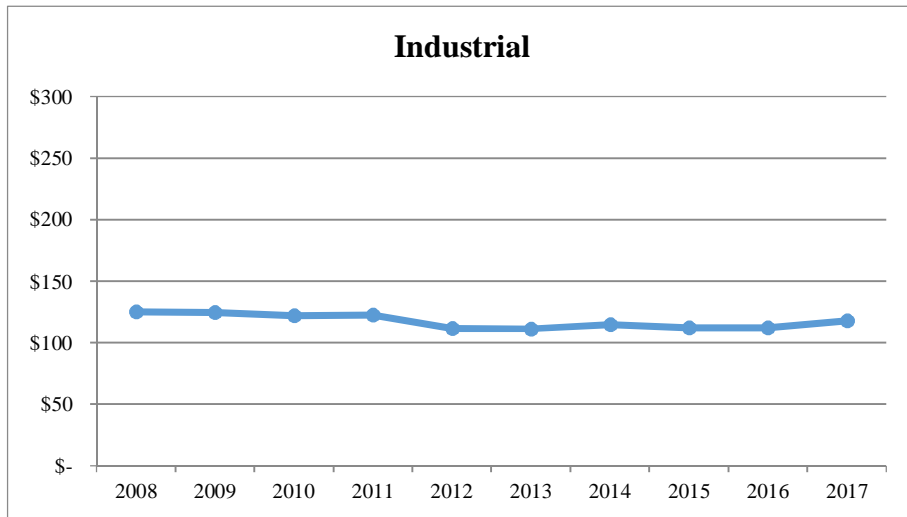
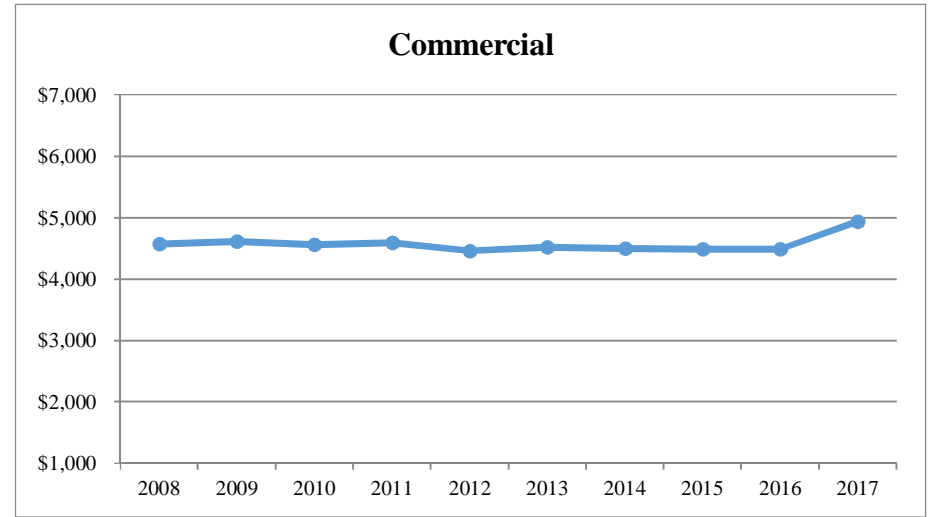
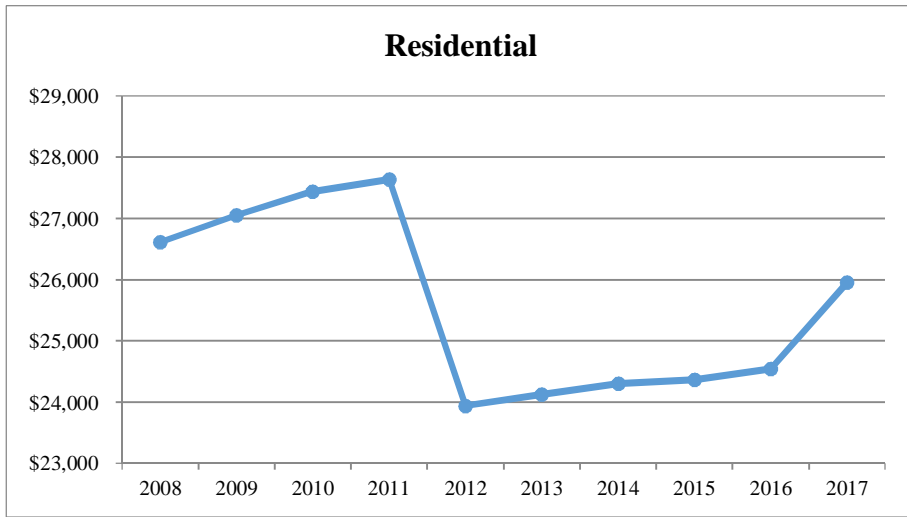
Source: 2017 CAFR, page 121

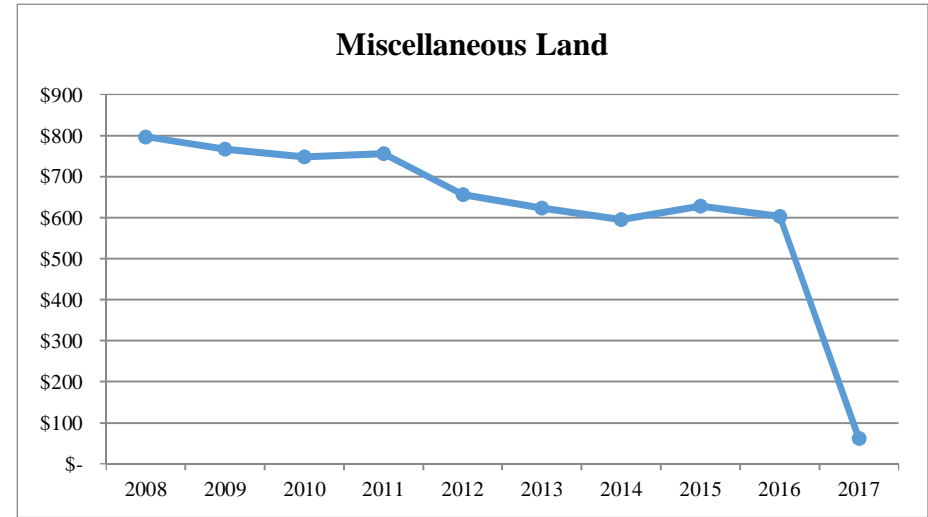
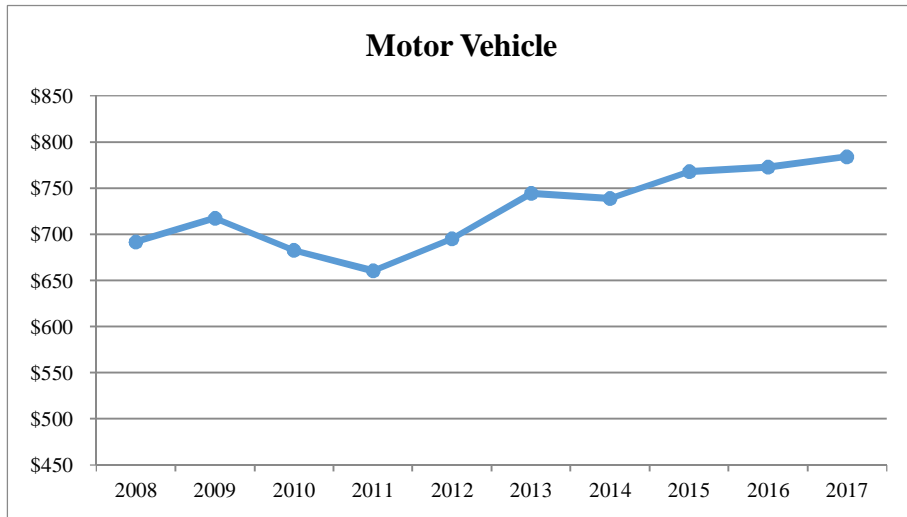
Inflation-adjusted figures are in 2008 dollars; CPI for all urban customers, all items (<http://data.bls.gov/cgi-bin/surveymost?cu>)

Comments

Tax revenues are beginning to outpace inflation.

Property Values Trends
(in millions)





	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Residential	\$ 26,616	\$ 27,056	\$ 27,436	\$ 27,638	\$ 23,941	\$ 24,121	\$ 24,299	\$ 24,361	\$ 24,540	\$ 25,958
Commercial	\$ 4,567	\$ 4,612	\$ 4,562	\$ 4,591	\$ 4,459	\$ 4,512	\$ 4,498	\$ 4,483	\$ 4,488	\$ 4,936
Industrial	\$ 125	\$ 125	\$ 122	\$ 122	\$ 112	\$ 111	\$ 115	\$ 112	\$ 112	\$ 118
Personal	\$ 552	\$ 600	\$ 631	\$ 651	\$ 616	\$ 643	\$ 643	\$ 634	\$ 634	\$ 633
Motor Vehicle	\$ 692	\$ 717	\$ 683	\$ 660	\$ 695	\$ 745	\$ 739	\$ 768	\$ 773	\$ 784
Miscellaneous Land	\$ 797	\$ 767	\$ 748	\$ 756	\$ 656	\$ 624	\$ 595	\$ 627	\$ 603	\$ 62

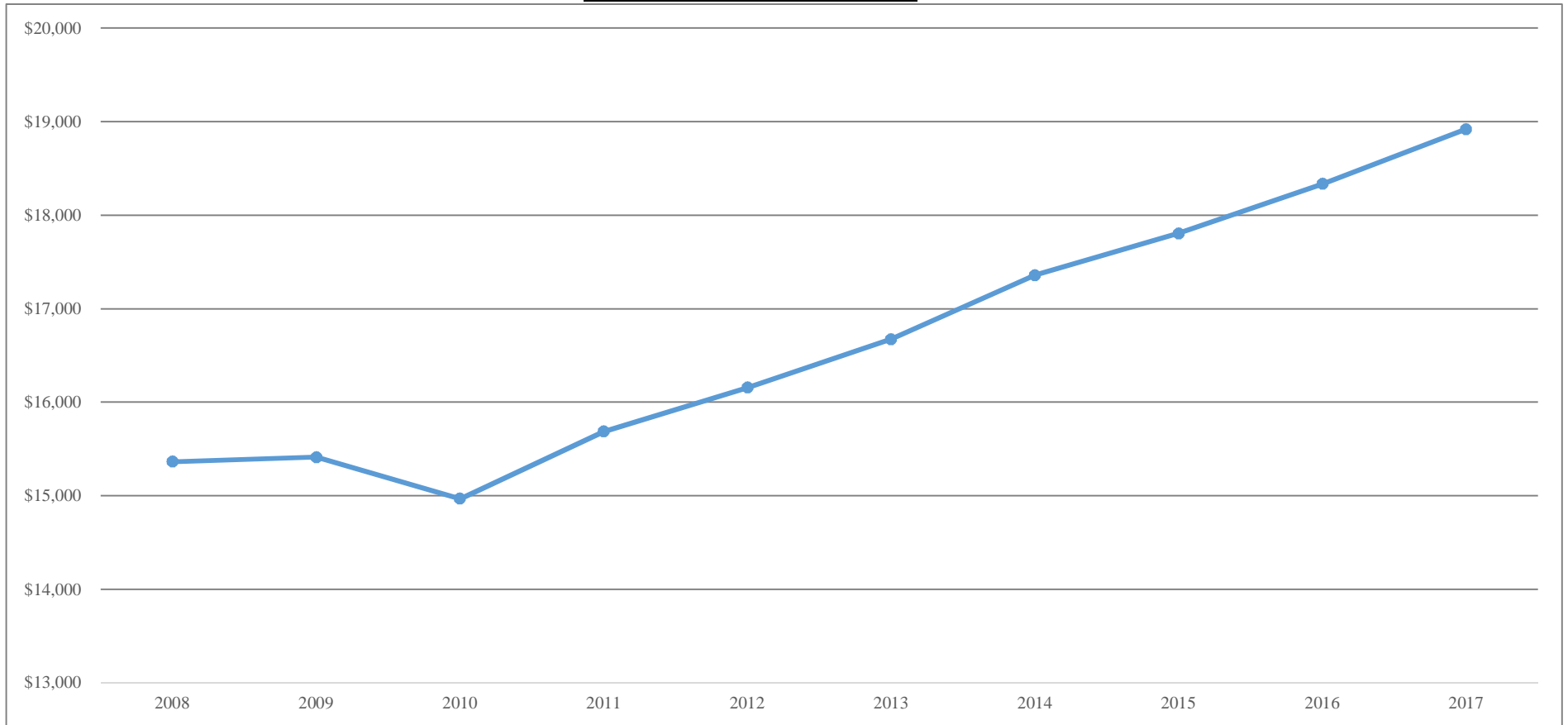
Notes

Source: 2017 CAFR, page 123-124

Comments

2010 and 2015 were revaluation years, which impacted FY12 and FY17 property values, respectively. The decrease in 'Motor Vehicle' in FY11 was due to a drop in used car values, as fewer people were purchasing new cars. The change in FY17 'Miscellaneous Land' was due to the reclassification of about 434 vacant parcels as 'Residential' because they were determined to be buildable property.

Revenue per Real Estate Unit



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Revenues	\$326,056,571	\$327,843,780	\$319,003,347	\$334,461,553	\$344,702,179	\$356,146,597	\$370,669,796	\$380,428,883	\$391,425,167	\$404,208,302
Real Estate Units	21,222	21,270	21,313	21,321	21,335	21,361	21,354	21,365	21,349	21,363
Revenue per Unit	\$ 15,364	\$ 15,413	\$ 14,968	\$ 15,687	\$ 16,157	\$ 16,673	\$ 17,358	\$ 17,806	\$ 18,335	\$ 18,921

Notes

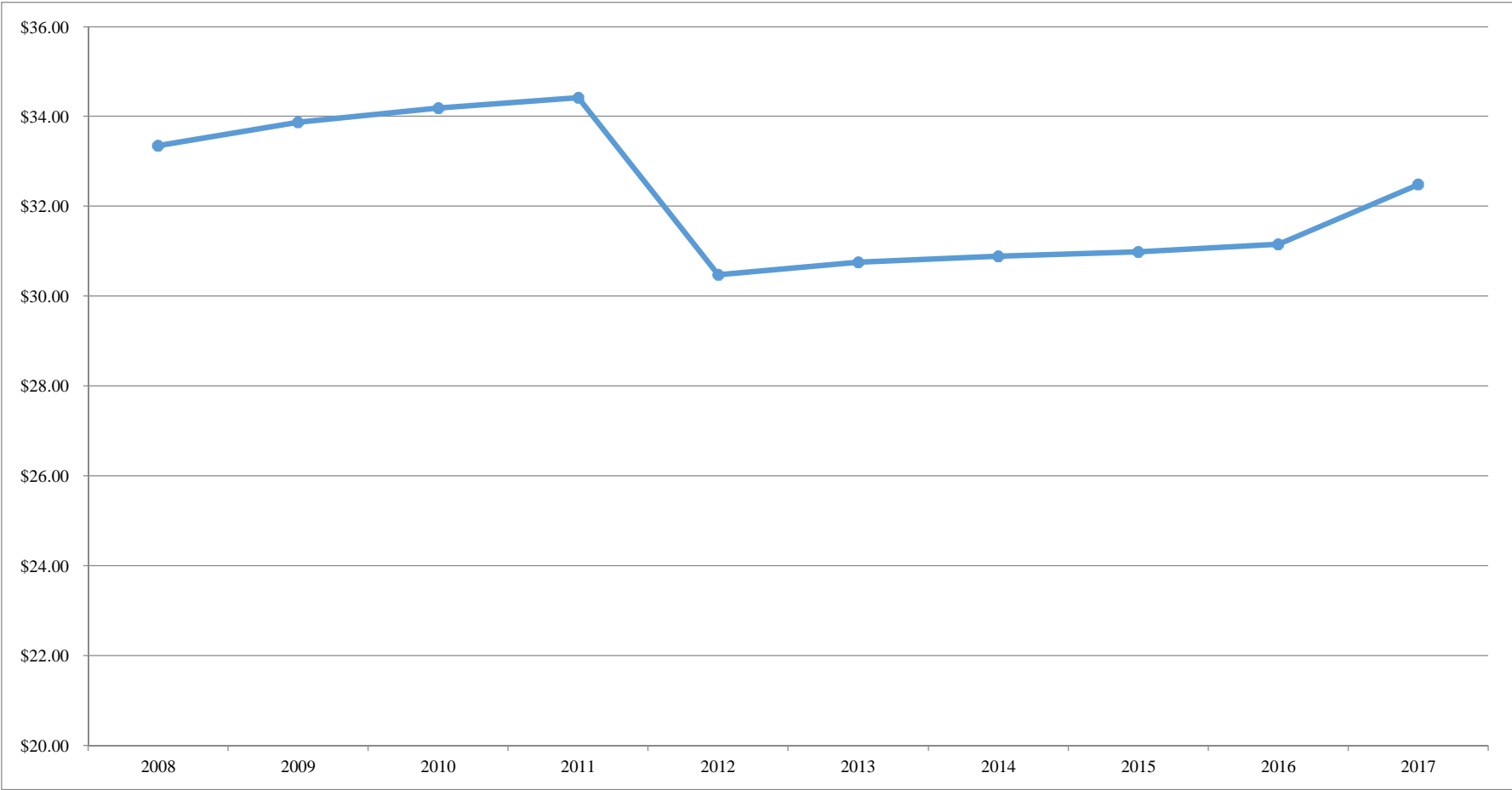
Source: CAFR – Required Supplementary Information: Statement of Revenues, Expenditures and Changes in Budgetary Fund Balance (page 74 in 2017 CAFR)

Source for Real Estate Units: Budget Book – Budget Schedules, Assessor's Table of Valuations (Residential, Commercial, Industrial, Public Utilities, Vacant Land, Use Land, Apartments)

Comments

Between FY09 and FY10, Revenues decreased by \$8.8 million due to the economic recession. In particular, three significant revenue sources were impacted: building permits, conveyance taxes, and interest earnings.

Net Taxable Grand List
(in billions)



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Net Grand List	\$ 33.35	\$ 33.88	\$ 34.18	\$ 34.42	\$ 30.48	\$ 30.75	\$ 30.89	\$ 30.99	\$ 31.15	\$ 32.49
Change Over Prior Year		1.58%	0.90%	0.69%	-11.44%	0.90%	0.43%	0.32%	0.53%	4.31%

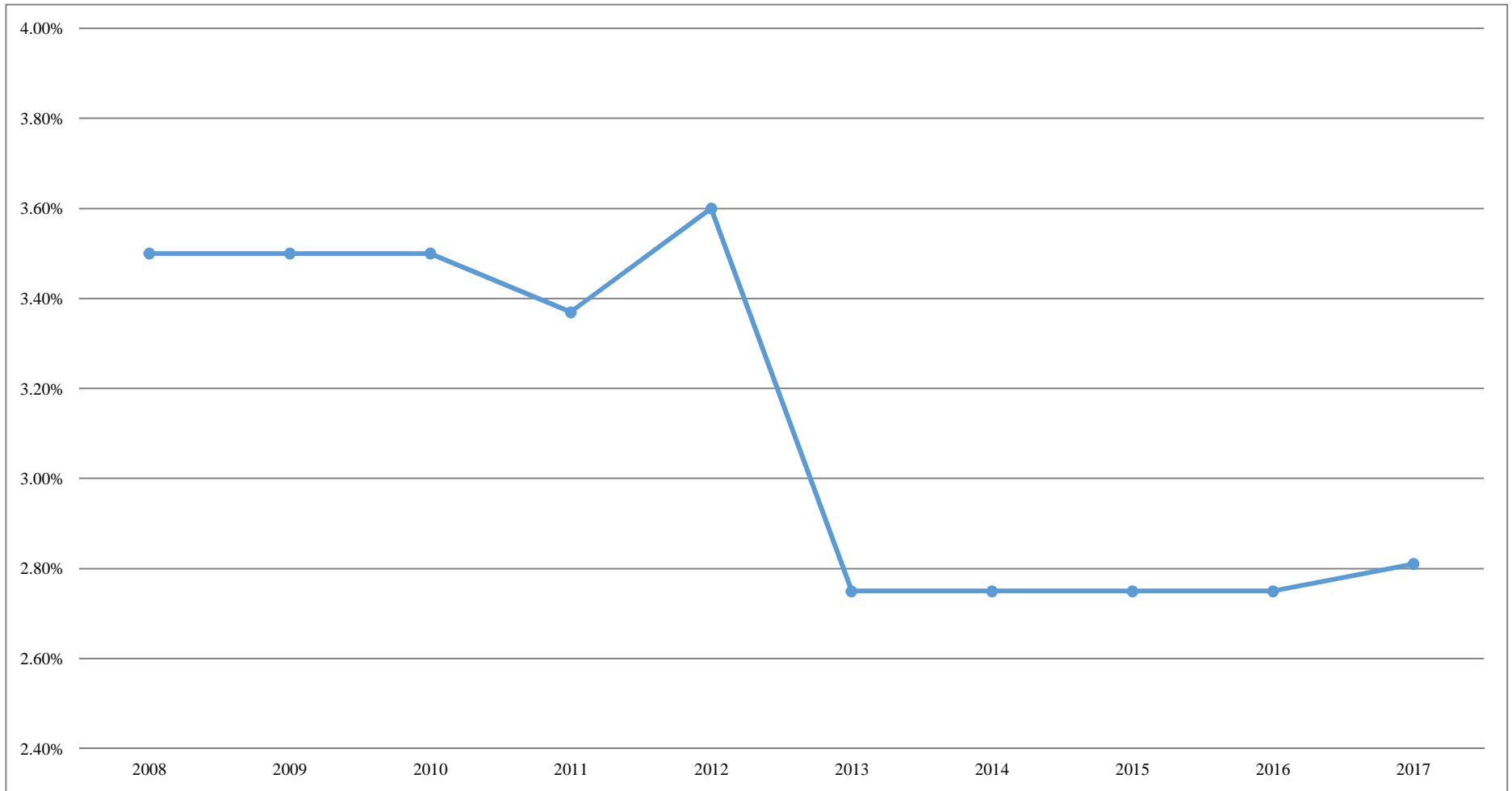
Notes

Source: 2017 CAFR, page 123

Comments

2010 and 2015 were revaluation years, which impacted the FY12 and FY17 grand list, respectively.

Tax Rate % Change



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mill Rate	7.76	8.04	8.32	8.60	10.11	10.39	10.68	10.97	11.27	11.20
% Change	3.50%	3.50%	3.50%	3.37%	3.60%	2.75%	2.75%	2.75%	2.75%	2.81%

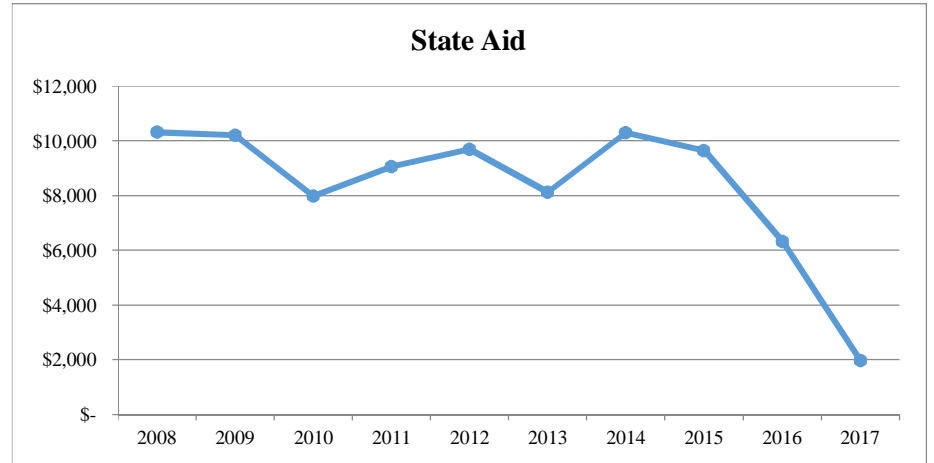
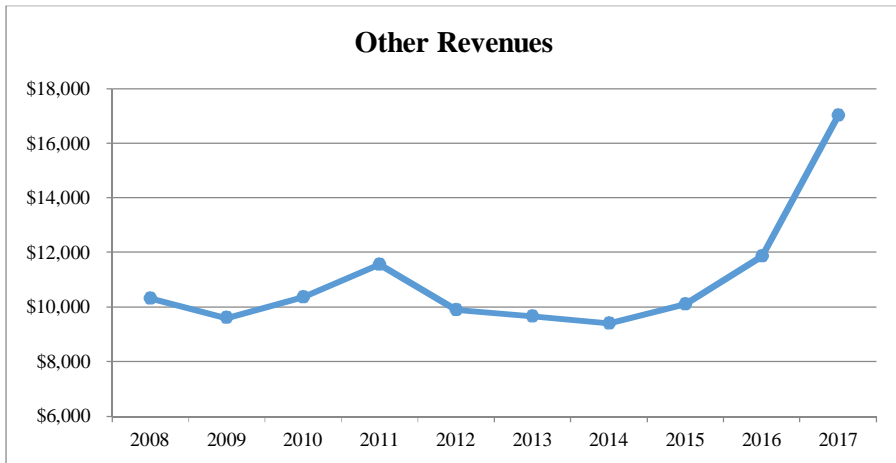
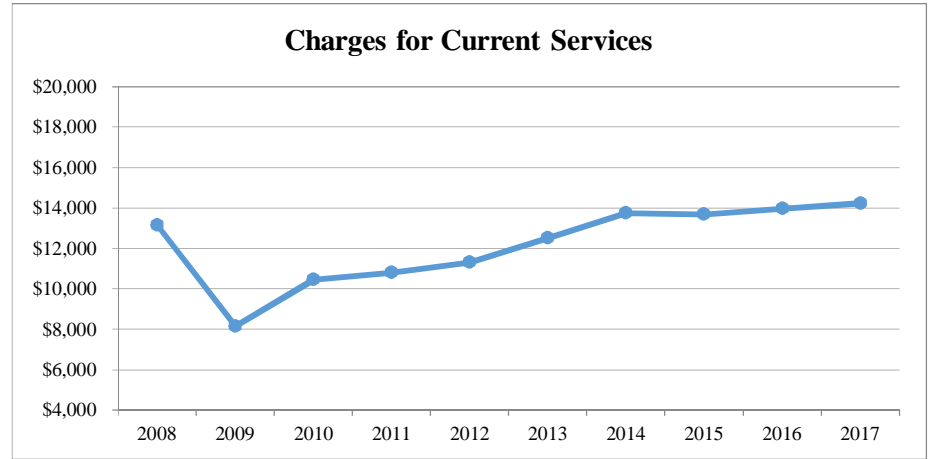
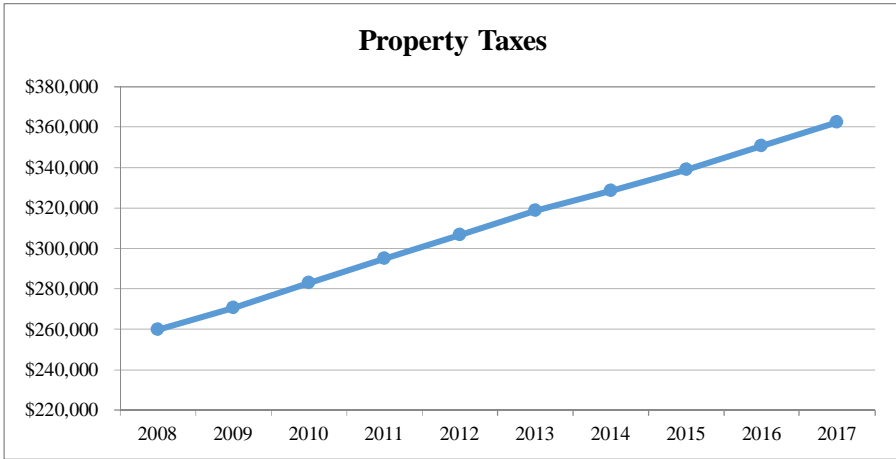
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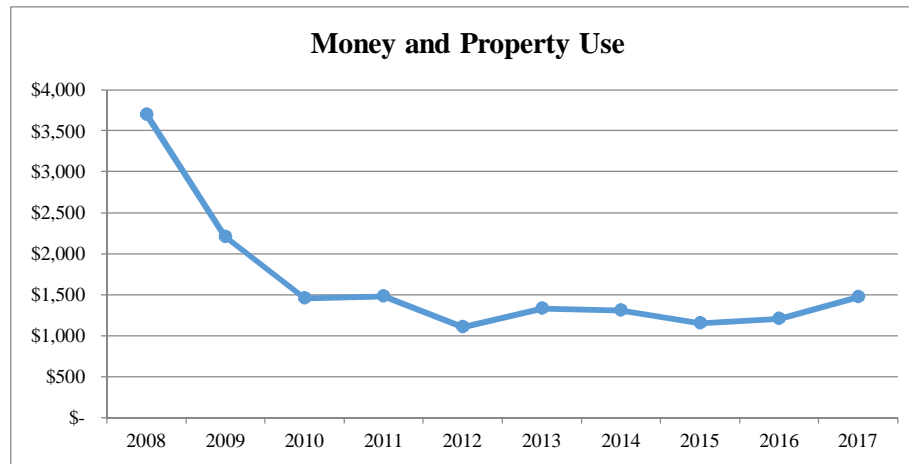
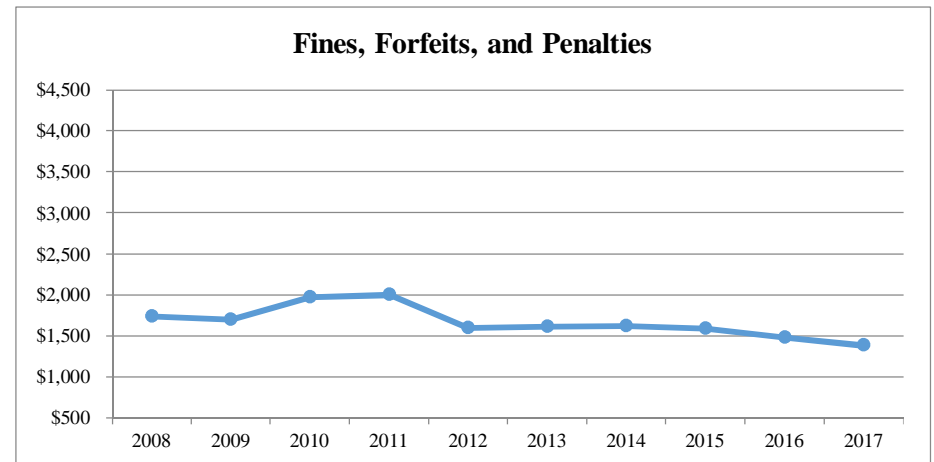
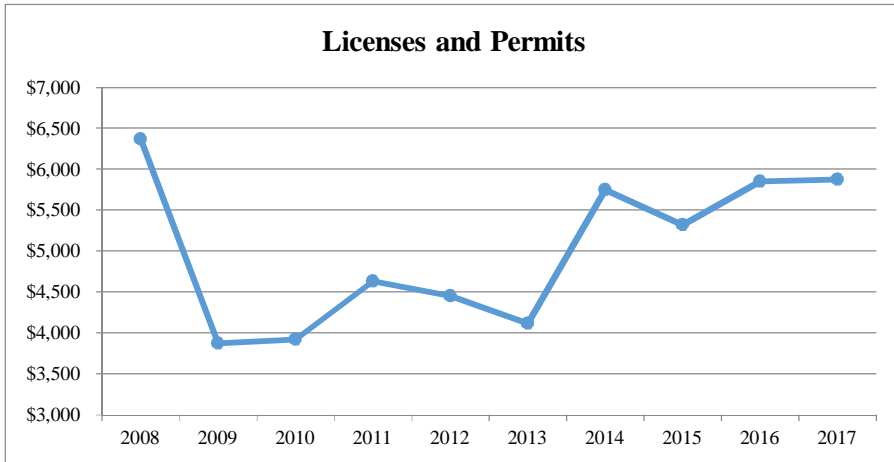
Source: Budget Book – Exhibits, Tax Rates and Tax Levy Comparisons (2017 Budget Schedules; Page 1)

Comments

This chart has been adjusted to exclude the impact of property revaluations. The FY12 mill rate increase of 17.56% was due to the 2010 property revaluation, which resulted in a decrease in the Grand List. In the absence of the revaluation, the estimated rate increase would have been 3.60%. The FY17 mill rate was reduced by 0.61% due to a property revaluation resulting in a Grand List increase. If there had not been a revaluation, the estimated mill rate increase for FY17 would have been 2.81%.

Operating Revenues Trends
(in thousands)





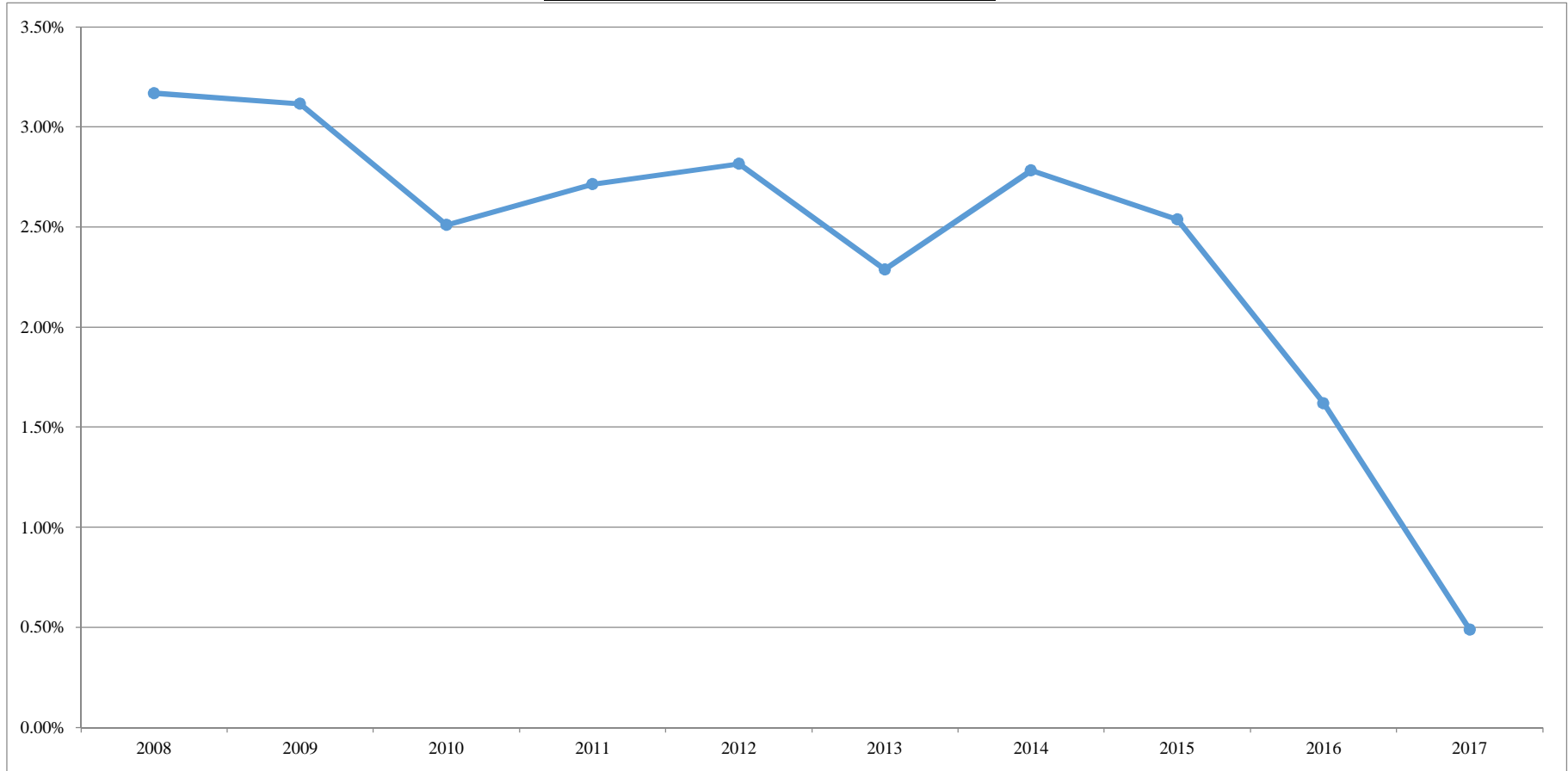
Notes

Source: CAFR – Required Supplementary Information: Statement of Revenues, Expenditures and Changes in Budgetary Fund Balance (page 74 in 2017 CAFR)

Comments

Charges for Current Services' includes revenues earned from real estate conveyance taxes, beach cards and admissions, land records recording fees and other charges. 'Other Revenues' includes employee and retiree contributions for health insurance, cancellation of prior year encumbrances, contribution from the Peterson Trust (Greenwich Library) and other sources. 'Charges for Current Services' and 'State Aid' are normalized (patient fees and medicare/medicaid payments removed) to account for the removal of the Nathaniel Witherell from the General Fund in FY10.

State Aid as a % of Operating Revenues



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
State Aid	\$ 10,331,470	\$ 10,211,979	\$ 8,008,920	\$ 9,075,046	\$ 9,705,340	\$ 8,143,729	\$ 10,313,036	\$ 9,653,244	\$ 6,336,055	\$ 1,978,151
Total Revenues	\$326,056,571	\$327,843,780	\$319,003,347	\$334,461,553	\$344,702,179	\$356,146,597	\$370,669,796	\$380,428,883	\$391,425,167	\$404,208,302
State Aid as a % of Revenues	3.17%	3.11%	2.51%	2.71%	2.82%	2.29%	2.78%	2.54%	1.62%	0.49%

Notes

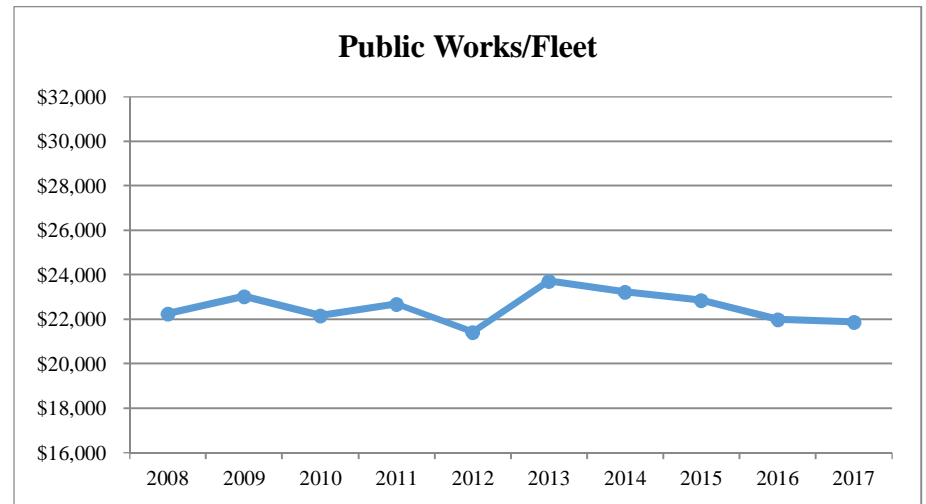
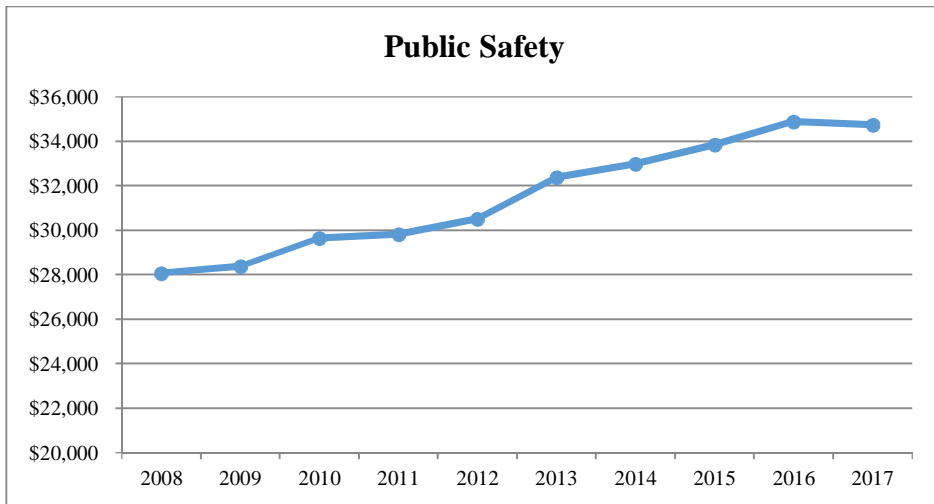
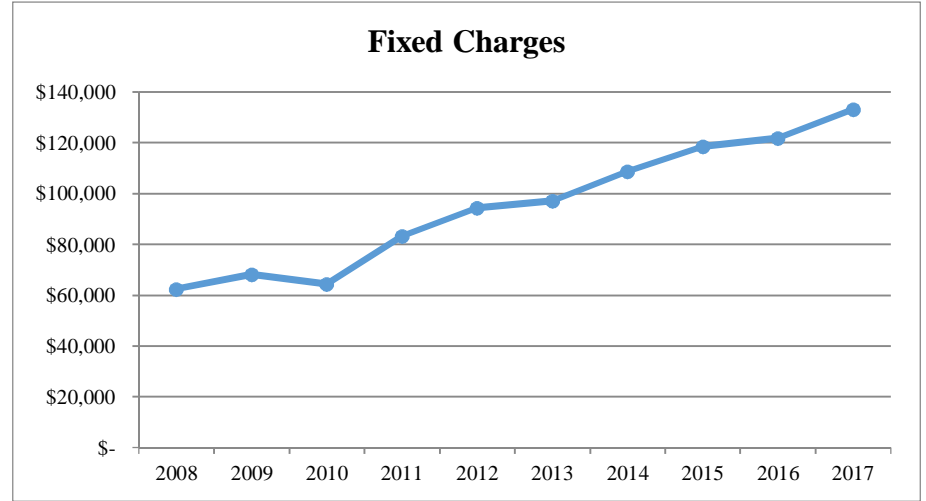
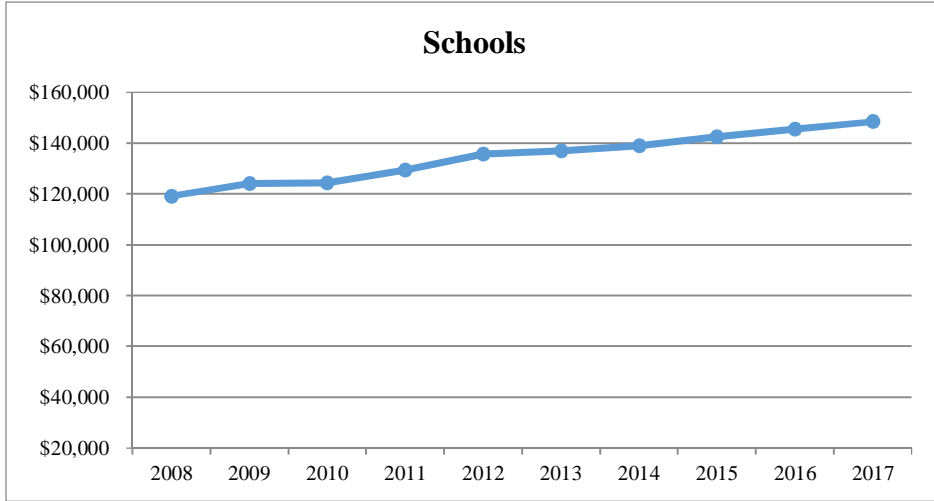
Source: CAFR – Required Supplementary Information: Statement of Revenues, Expenditures and Changes in Budgetary Fund Balance (page 74 in 2017 CAFR)
 Historical Data: Budget Book (2008-2009)

Comments

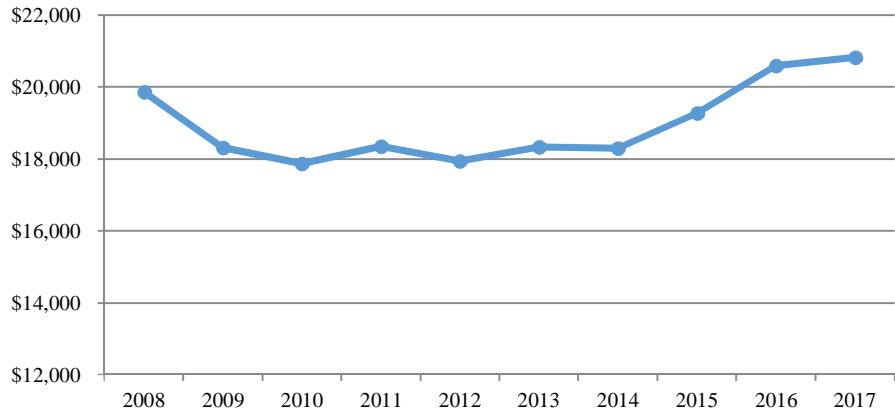
In FY10, Nathaniel Witherell was removed from the General Fund and Medicare/Medicaid reimbursements from the State were accounted for in the revolving fund. State aid has steadily declined since 2014 and the decline is expected to continue.

II. EXPENDITURES

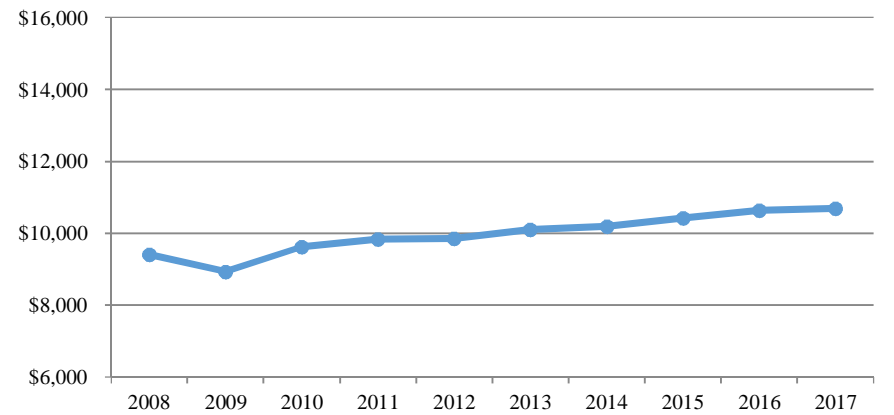
Expenditures Trends
(in thousands)



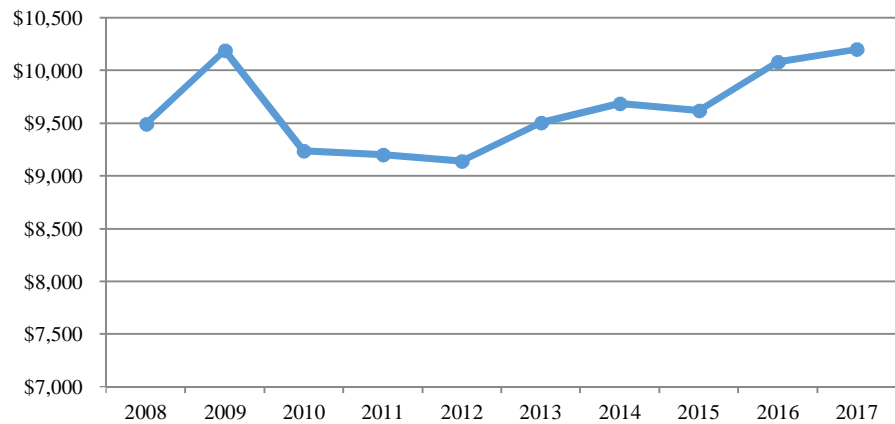
General Government



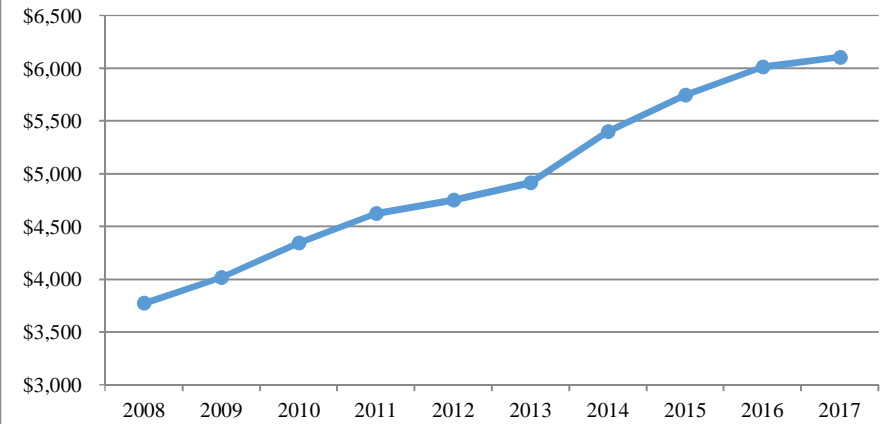
Libraries

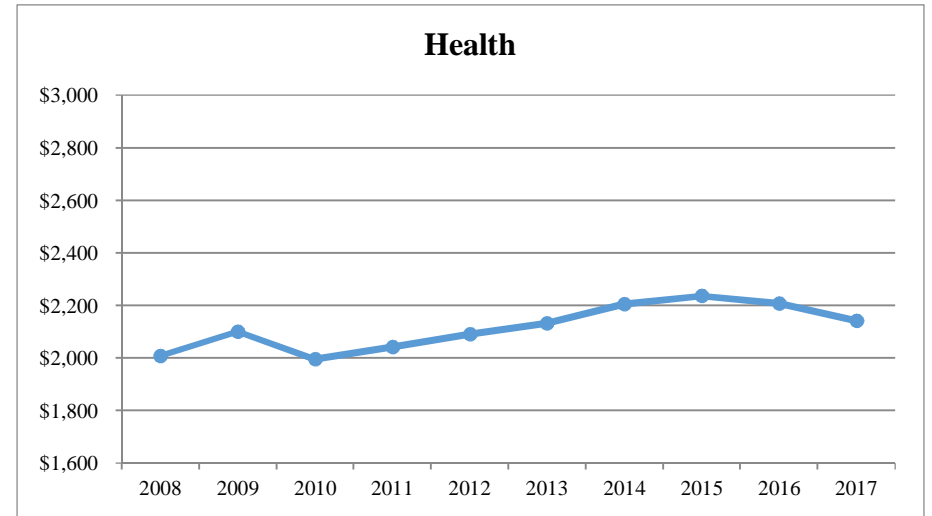
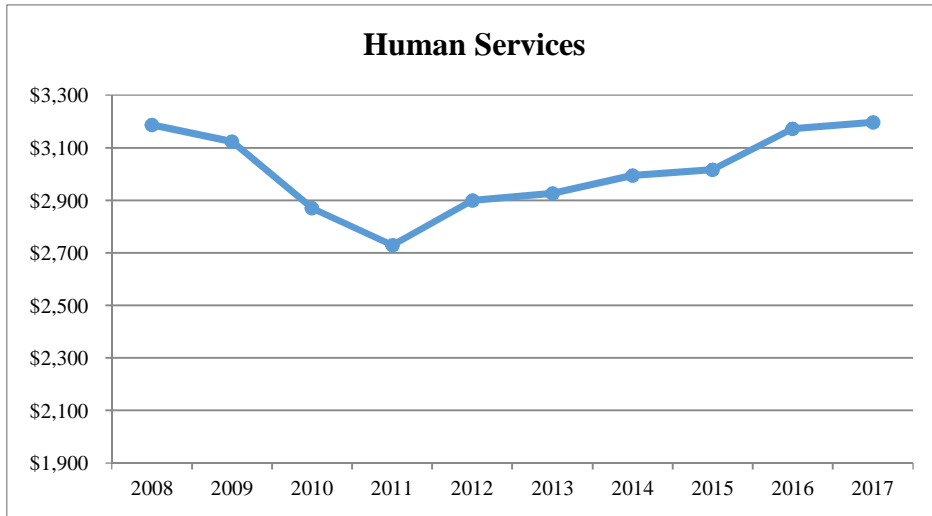


Parks and Recreation



External Operations





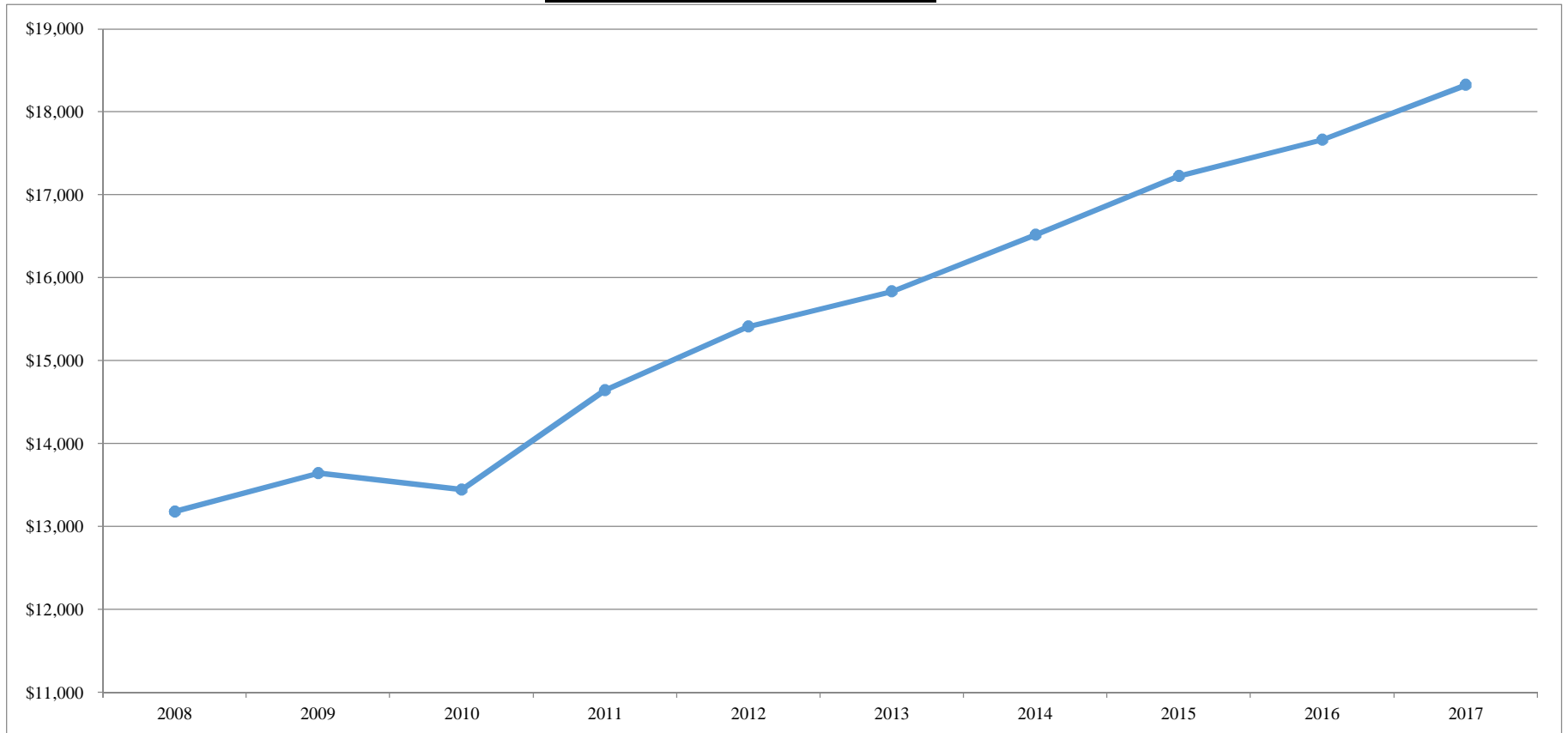
Notes

Source: CAFR – Required Supplementary Information: Statement of Revenues, Expenditures and Changes in Budgetary Fund Balance (page 74 in 2017 CAFR)

Comments

The increase in External Operations is largely due to the addition of funding for new programs, including Teen Talk and the Youth Coordinator position.

Expenditures per Real Estate Unit



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Expenditures	\$279,668,279	\$290,179,398	\$286,562,739	\$312,193,482	\$328,753,402	\$338,217,392	\$352,752,255	\$368,095,302	\$377,061,374	\$391,445,629
Real Estate Units	21,222	21,270	21,313	21,321	21,335	21,361	21,354	21,365	21,349	21,363
Expenditures per Unit	\$ 13,178	\$ 13,643	\$ 13,445	\$ 14,643	\$ 15,409	\$ 15,833	\$ 16,519	\$ 17,229	\$ 17,662	\$ 18,324

Notes

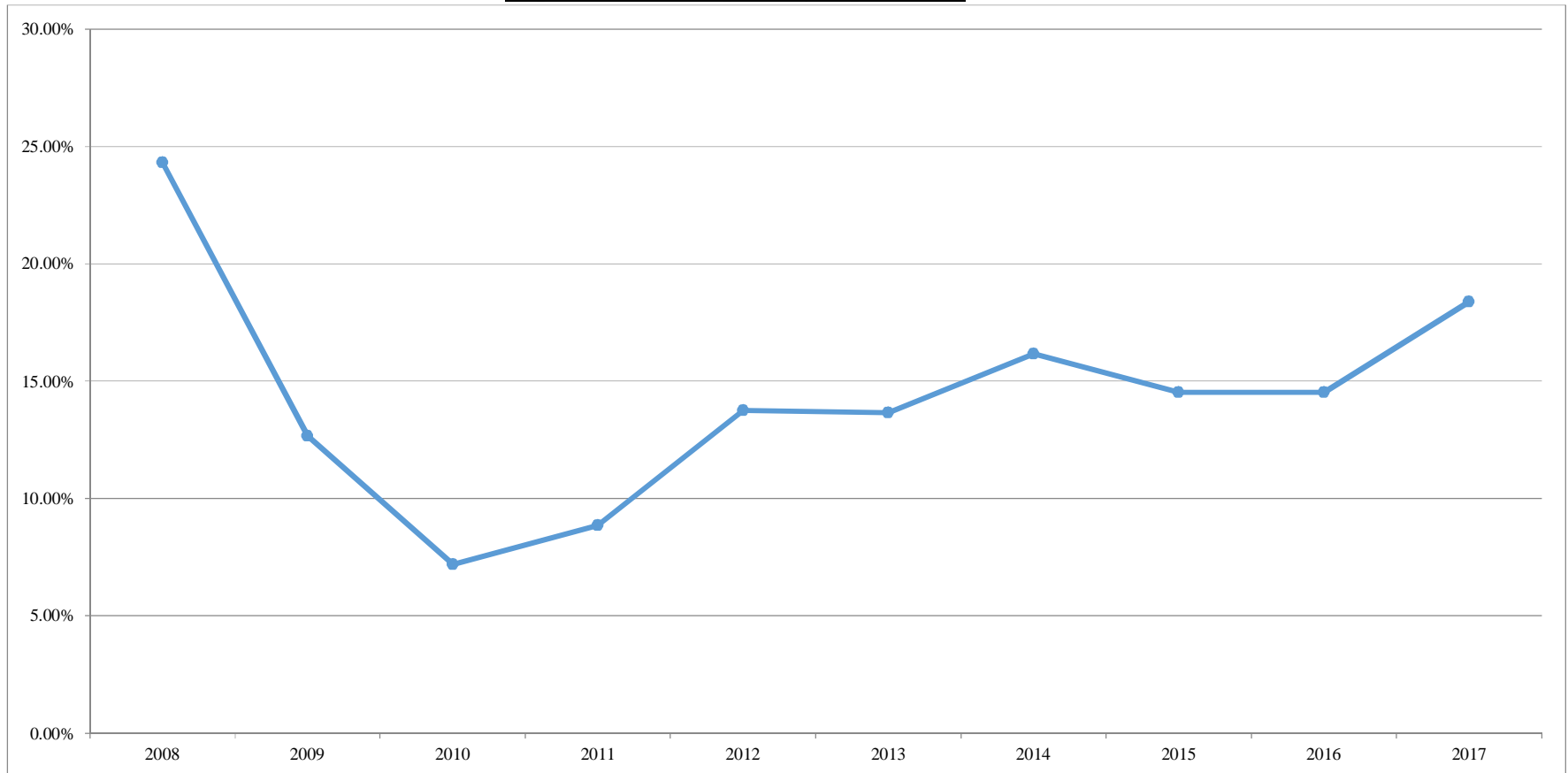
Source: CAFR – Required Supplementary Information: Statement of Revenues, Expenditures and Changes in Budgetary Fund Balance (page 74 in 2017 CAFR)

Source for Real Estate Units: Budget Book – Budget Schedules, Assessor's Table of Valuations (Residential, Commercial, Industrial, Public Utilities, Vacant Land, Use Land, Apartments)

Comments

Expenditures were normalized (Nathaniel Witherell removed) to account for the removal of the Nathaniel Witherell from the General Fund in FY10.

Capital as a % of Operating Expenditures

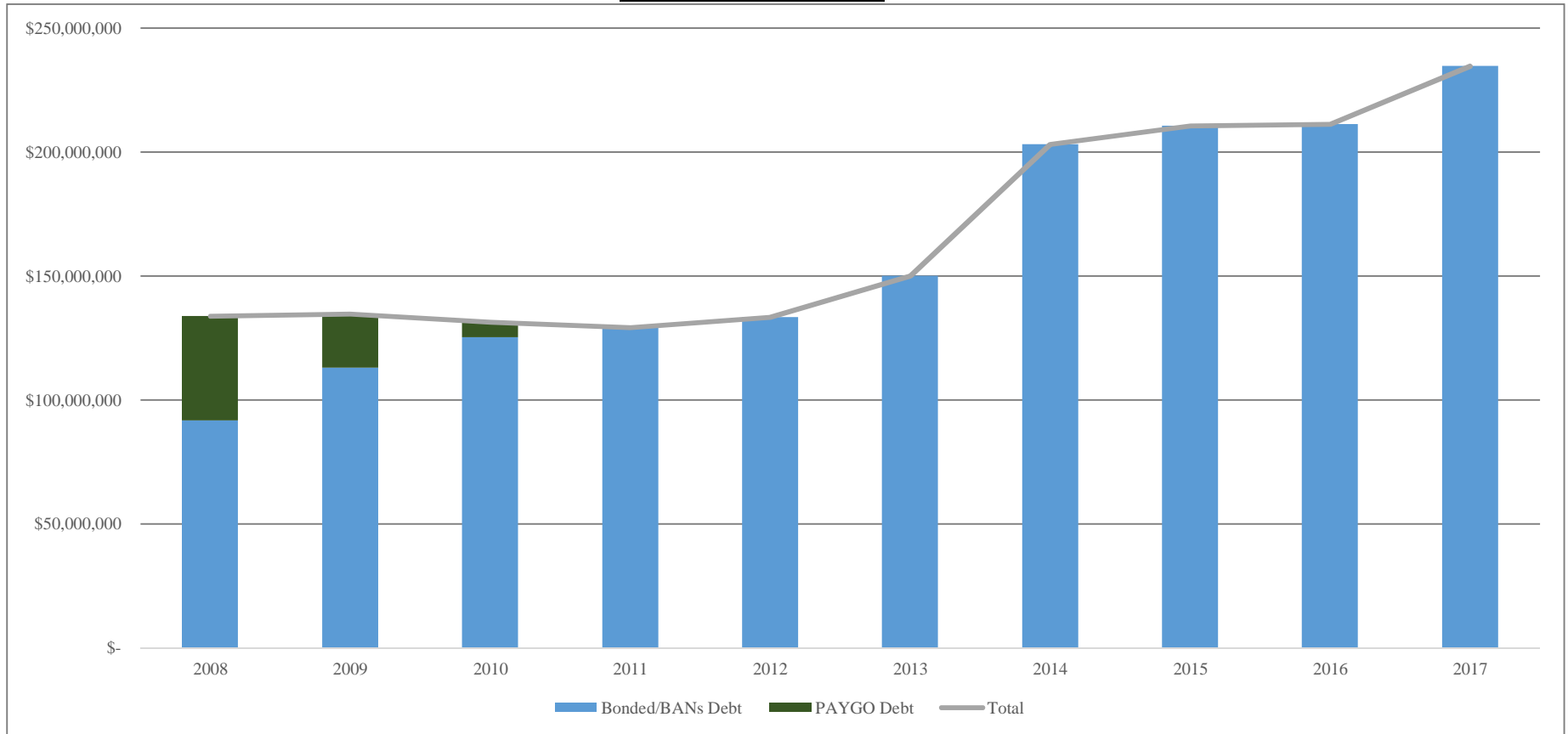


	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Capital	\$ 71,839,000	\$ 38,826,000	\$ 20,633,000	\$ 27,651,000	\$ 45,231,000	\$ 46,227,000	\$ 57,045,000	\$ 53,486,000	\$ 54,735,000	\$ 72,011,000
Total Expenditures	\$295,400,346	\$306,673,720	\$286,562,739	\$312,193,482	\$328,753,402	\$338,217,392	\$352,752,255	\$368,095,302	\$377,061,374	\$391,445,629
Capital as a % of Expenditures	24.32%	12.66%	7.20%	8.86%	13.76%	13.67%	16.17%	14.53%	14.52%	18.40%

Notes
 Source: Budget Book – Budget Schedules, Capital Requests
 Source for Total Expenditures: CAFR – Required Supplementary Information: Statement of Revenues, Expenditures and Changes in Budgetary Fund Balance (page 74 in 2017 CAFR)

Comments
 Major projects authorized in each year are as follows: FY08 - Glenville School (\$23M); FY12 - MISA (\$17M); FY13 - MISA (\$12M); FY14 - Central Fire Station (\$20M); FY15 - Public Safety Radio System Replacement (\$9M); FY16 - Byram Beach Master Plan (\$9.5M); FY17 - New Lebanon School (\$32M).

Total Outstanding Debt



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Bonded/BANs Debt	\$ 91,528,983	\$112,863,375	\$125,074,535	\$129,076,720	\$133,158,943	\$149,859,704	\$202,943,220	\$210,420,375	\$211,193,490	\$234,532,383
PAYGO Debt	\$ 42,247,000	\$ 21,799,000	\$ 6,197,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$133,775,983	\$134,662,375	\$131,271,535	\$129,076,720	\$133,158,943	\$149,859,704	\$202,943,220	\$210,420,375	\$211,193,490	\$234,532,383
% Change		1%	-3%	-2%	3%	13%	35%	4%	0.4%	11.1%

Notes

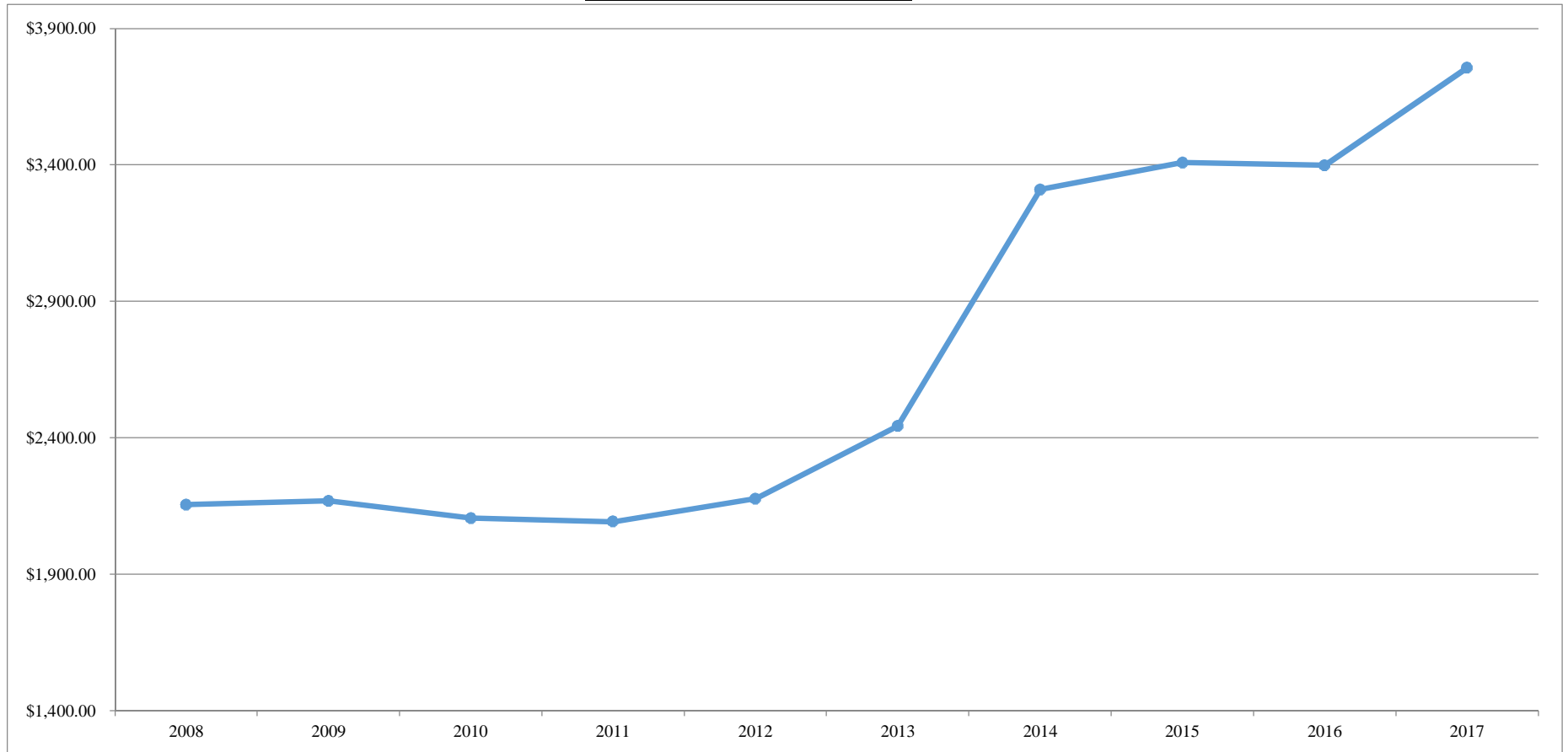
Source for Bonded/BANs Debt: CAFR – Notes to Financial Statements: Short-Term Obligations and Long-Term Obligations (pages 39-40 in 2017 CAFR)

Source for PAYGO Debt: Budget Book - Budget Schedules

Comments

Bonded debt has been both authorized by the Representative Town Meeting and issued. Under the pay-as-you-go funding mechanism, the Town appropriated funds for capital projects and financed them over a five-year period with modest increases in the tax rate; fund balances provided interim financing. The BET’s Debt Policy calls for total debt (as defined in the above chart) to be no more than 0.55% of the full value of the most recent Grand List (approx \$256.4 million).

Outstanding Debt per Capita



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Bonded/BANs Debt	\$ 91,528,983	\$ 112,863,375	\$ 125,074,535	\$ 129,076,720	\$ 133,158,943	\$ 149,859,704	\$ 202,943,220	\$ 210,420,375	\$ 211,193,490	\$ 234,532,383
PAYGO Debt	\$ 42,247,000	\$ 21,799,000	\$ 6,197,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ 133,775,983	\$ 134,662,375	\$ 131,271,535	\$ 129,076,720	\$ 133,158,943	\$ 149,859,704	\$ 202,943,220	\$ 210,420,375	\$ 211,193,490	\$ 234,532,383
Population	62,077	62,077	62,368	61,672	61,171	61,331	61,331	61,733	62,141	62,434
Debt per Capita	\$ 2,155.00	\$ 2,169.28	\$ 2,104.79	\$ 2,092.95	\$ 2,176.83	\$ 2,443.46	\$ 3,308.98	\$ 3,408.56	\$ 3,398.62	\$ 3,756.48

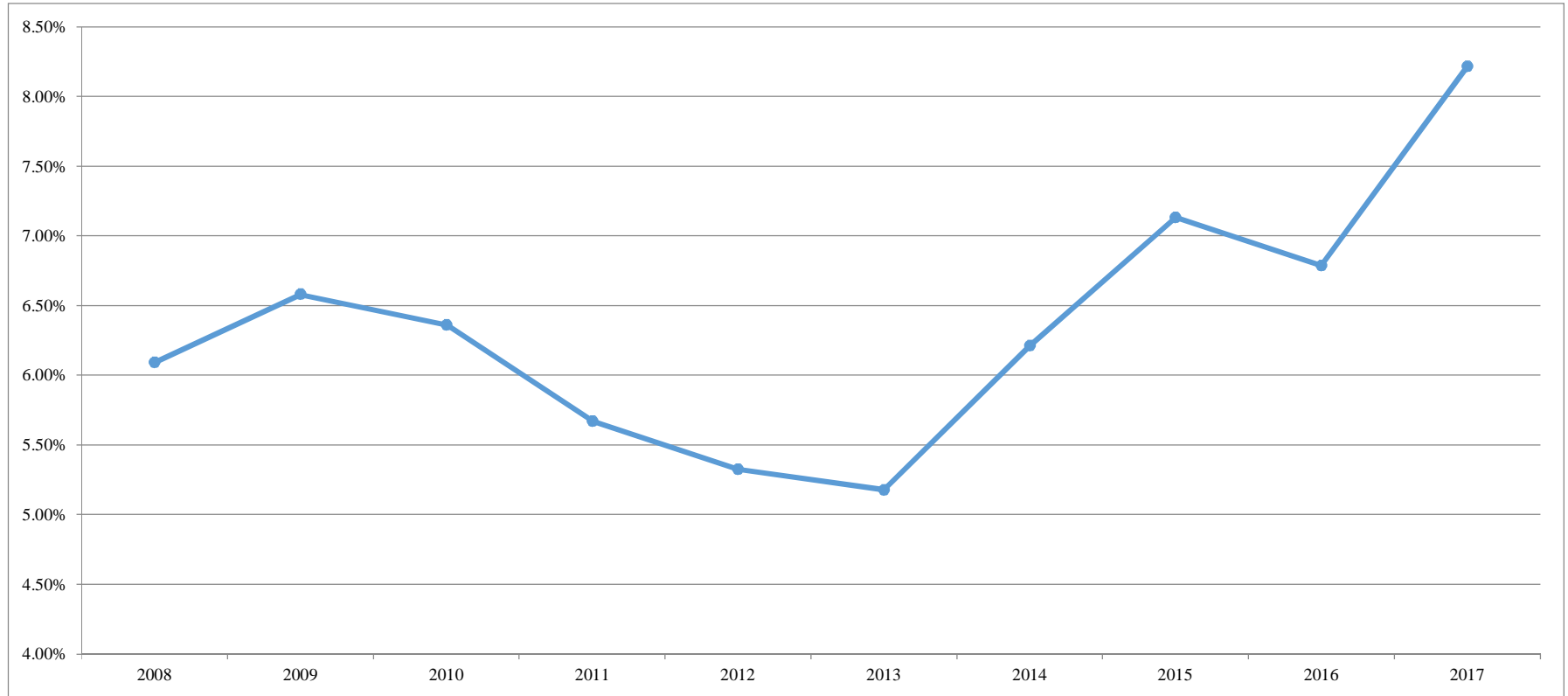
Notes

Source for Bonded/BANs Debt: CAFR – Notes to Financial Statements: Short-Term Obligations and Long-Term Obligations (pages 39-40 in 2017 CAFR)

Source for PAYGO Debt: Budget Book - Budget Schedules

Source for Population: 2017 CAFR, page 134 (based on census data)

Debt Service as a % of Operating Expenditures



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Debt Service	\$ 126,506	\$ 2,685,847	\$ 2,632,444	\$ 11,514,988	\$ 17,507,075	\$ 17,517,531	\$ 21,924,664	\$ 26,257,201	\$ 25,591,451	\$ 32,160,663
PAYGO Payments	\$ 17,878,000	\$ 17,498,000	\$ 15,602,000	\$ 6,197,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 18,004,506	\$ 20,183,847	\$ 18,234,444	\$ 17,711,988	\$ 17,507,075	\$ 17,517,531	\$ 21,924,664	\$ 26,257,201	\$ 25,591,451	\$ 32,160,663
Total Expenditures	\$295,400,346	\$306,673,720	\$286,562,739	\$312,193,482	\$328,753,402	\$338,217,392	\$352,752,255	\$368,095,302	\$377,061,374	\$391,445,629
Debt Service as a % of Expenditures	6.09%	6.58%	6.36%	5.67%	5.33%	5.18%	6.22%	7.13%	6.79%	8.22%

Notes

Source for Debt Service: CAFR – Basic Financial Statements: Statement of Revenues, Expenditures and Changes in Fund Balances - Governmental Funds (page 15 in 2017 CAFR); Sum of State loan payment, principal retirements, and interest and other charges - General Fund only

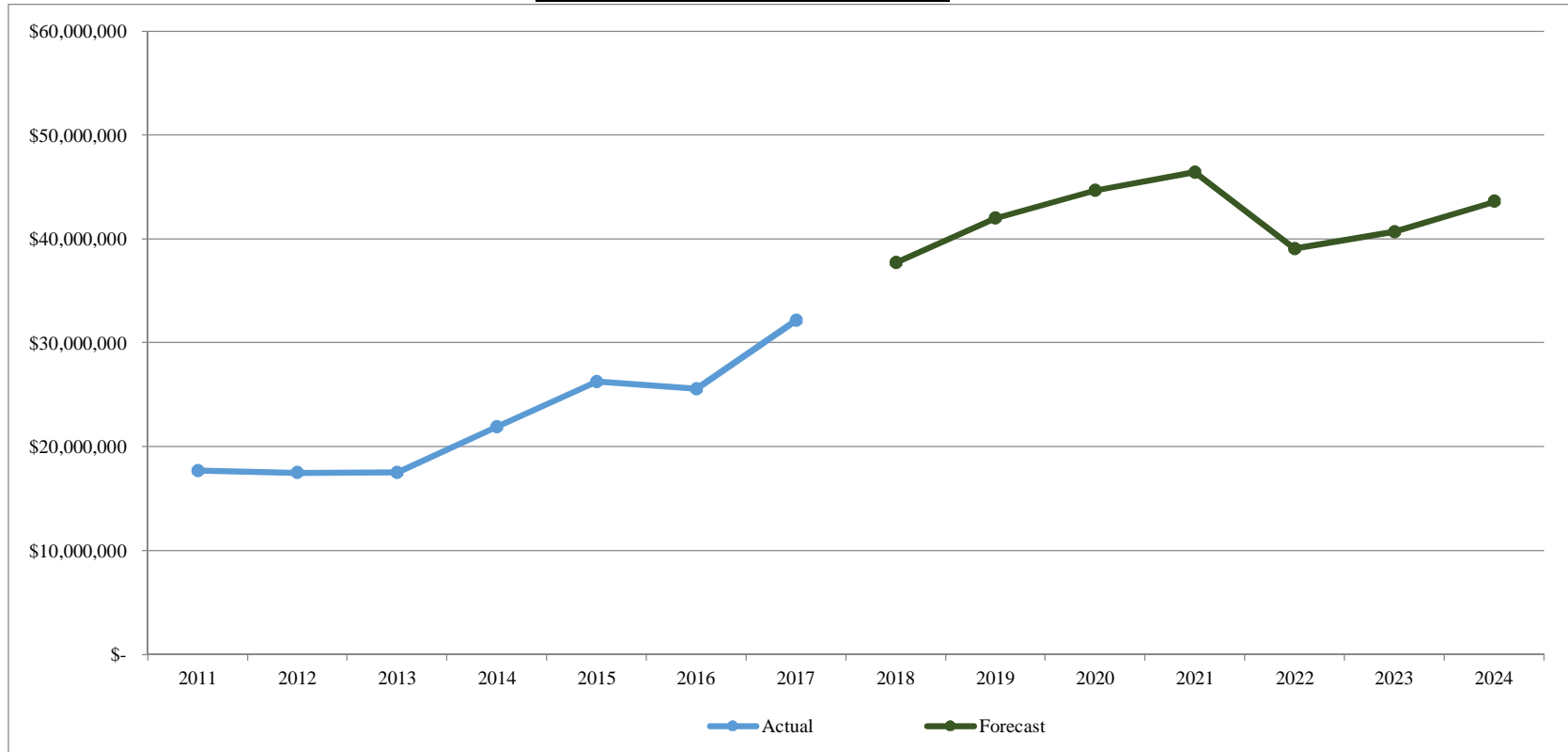
Source for PAYGO Payments: Budget Book - Budget Schedules

Source for Total Expenditures: CAFR – Required Supplementary Information: Statement of Revenues, Expenditures and Changes in Budgetary Fund Balance (page 74 in 2017 CAFR)

Comments

The BET's Debt Policy calls for debt service payments to be no more than 11% of operating expenditures.

Debt Service Trend and Forecast



	2011	2012	2013	2014	2015	2016	2017
Debt Service - Actual	\$ 17,711,988	\$ 17,507,075	\$ 17,517,531	\$ 21,924,664	\$ 26,257,201	\$ 25,591,451	\$ 32,160,663
Percent Change		-1.16%	0.06%	25.16%	19.76%	-2.54%	25.67%

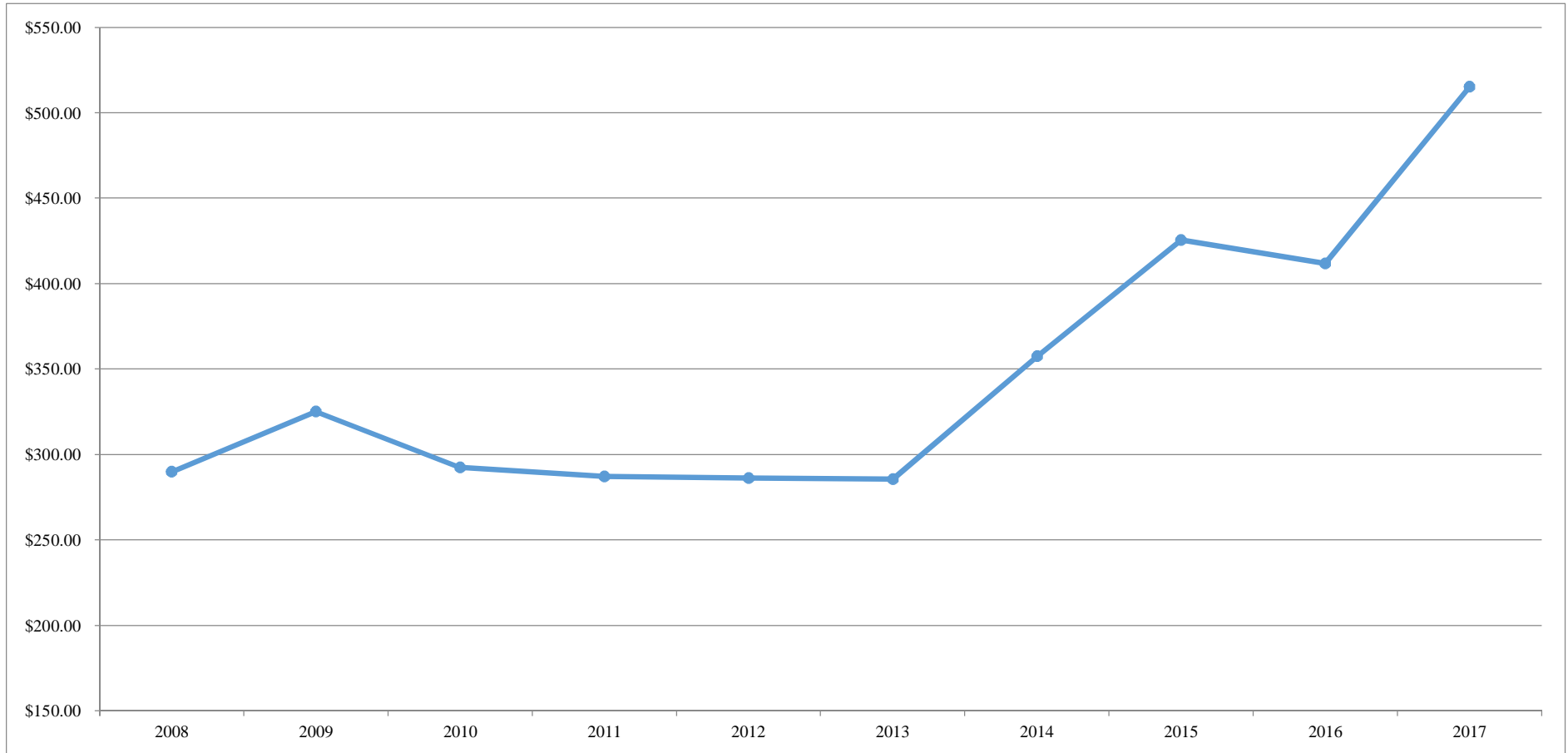
	2018	2019	2020	2021	2022	2023	2024
Debt Service - Forecast	\$ 37,700,000	\$ 42,000,000	\$ 44,655,000	\$ 46,412,000	\$ 39,027,000	\$ 40,694,000	\$ 43,597,000
Percent Change		11.41%	6.32%	3.93%	-15.91%	4.27%	7.13%

Notes

Source: CAFR – Basic Financial Statements: Statement of Revenues, Expenditures and Changes in Fund Balances - Governmental Funds (page 15 in 2017 CAFR); Sum of State loan payment, principal retirements, and interest and other charges - General Fund only

Source for projected debt service (2018-2024): Budget Book FY19- Capital Schedules- Principal and Interest Repayments, page 2

Debt Service per Capita



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Debt Service (including PAYGO)	\$ 18,004,506	\$ 20,183,847	\$ 18,234,444	\$ 17,711,988	\$ 17,507,075	\$ 17,517,531	\$ 21,924,664	\$ 26,257,201	\$ 25,591,451	\$ 32,160,663
Population	62,077	62,077	62,368	61,672	61,171	61,331	61,331	61,733	62,141	62,434
Debt Service per Capita	\$ 290.04	\$ 325.14	\$ 292.37	\$ 287.20	\$ 286.20	\$ 285.62	\$ 357.48	\$ 425.33	\$ 411.83	\$ 515.11

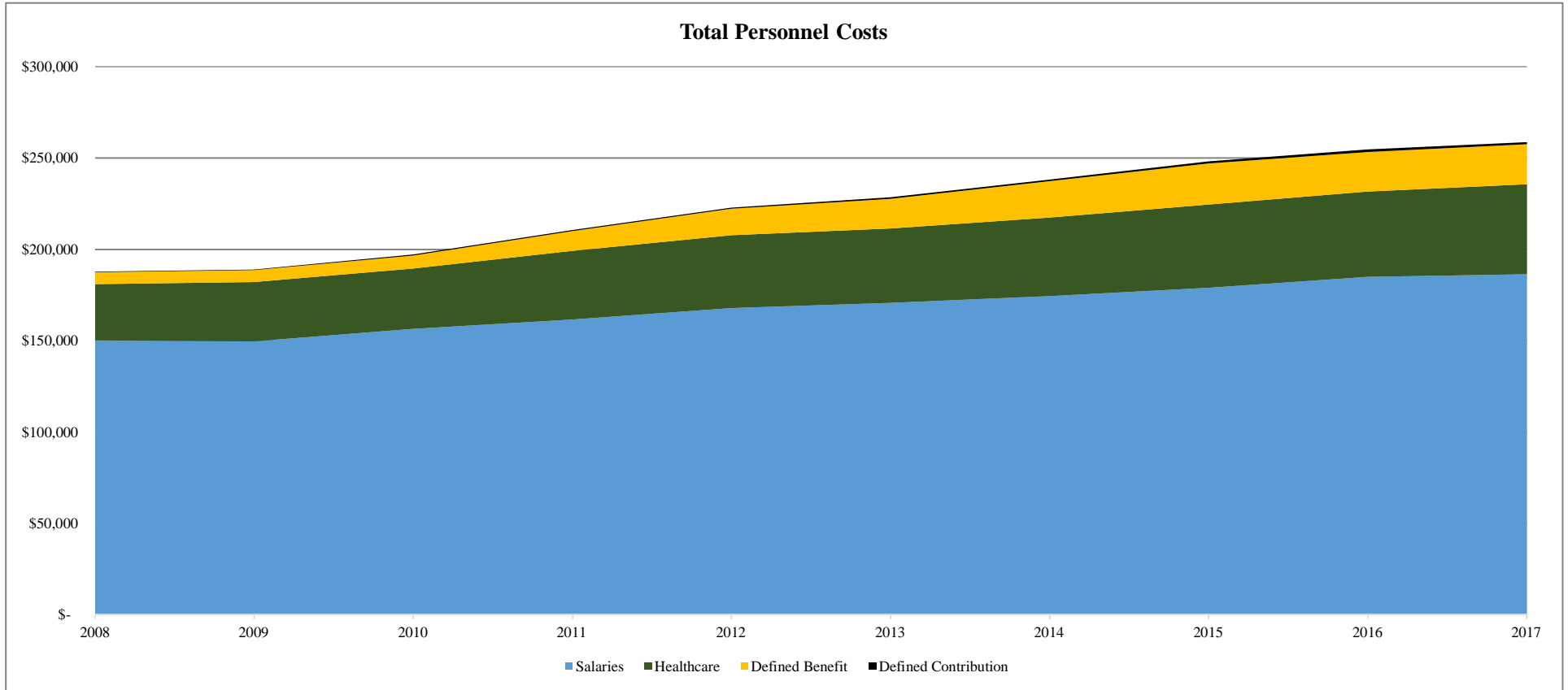
Notes

Source: CAFR – Basic Financial Statements: Statement of Revenues, Expenditures and Changes in Fund Balances - Governmental Funds (page 15 in 2017 CAFR); Sum of State loan payment, principal retirements, and interest and other charges - General Fund only

Source for PAYGO Payments: Budget Book - Budget Schedules

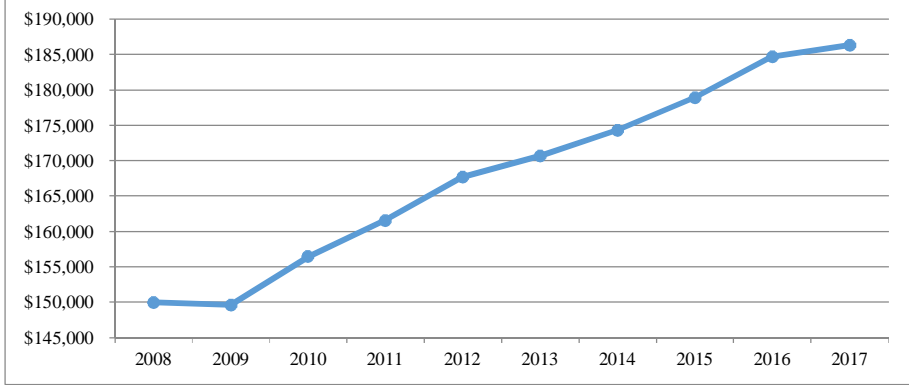
Source for population: 2017 CAFR, page 134 (based on census data)

Personnel Costs Trend
(in thousands)

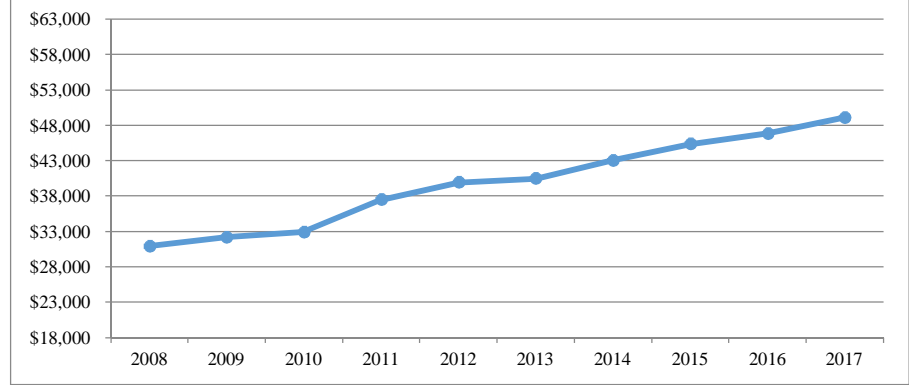


	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Salaries	80%	79%	79%	77%	75%	75%	73%	72%	73%	72%
Healthcare	16%	17%	17%	18%	18%	18%	18%	18%	18%	19%
Defined Benefit	3%	4%	4%	5%	7%	7%	8%	9%	8%	9%
Defined Contribution	0.11%	0.15%	0.21%	0.25%	0.28%	0.33%	0.37%	0.38%	0.49%	0.50%

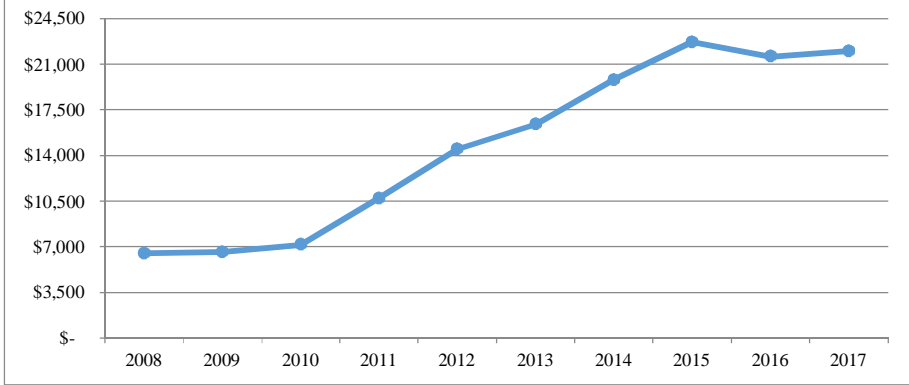
Salaries



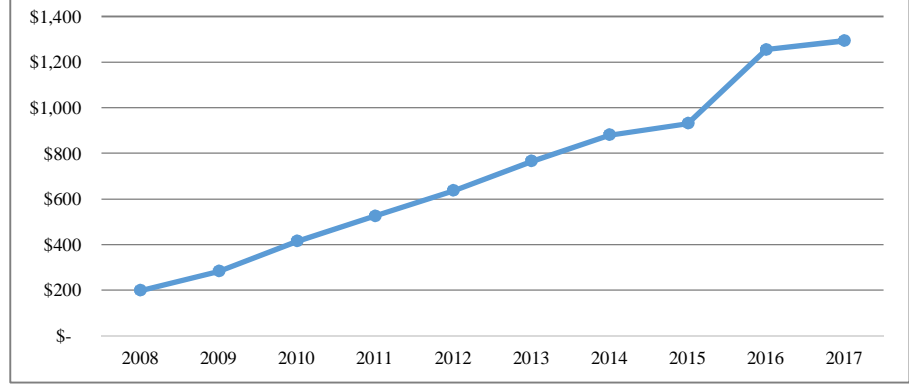
Healthcare



Defined Benefit (DB)



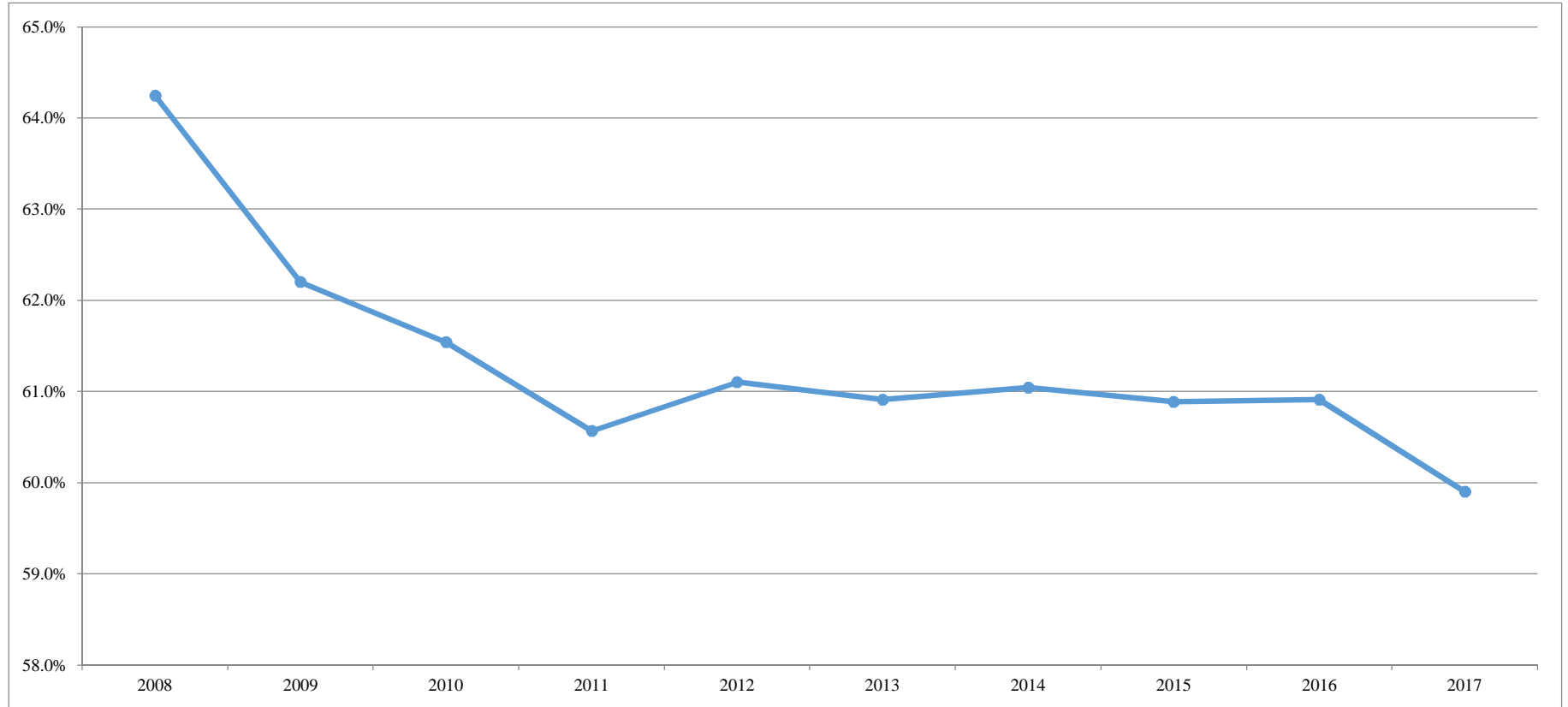
Defined Contribution (DC)



Notes

Source: Budget Book - Regular Salaries (total 51010 and 51020; General Fund plus revolving funds); Healthcare (Department 901 lines 57080, 57090 and 57100 less employee cost share); Defined Benefit (Department 901, line 57010); Defined Contribution (Department 901, line 57020)

Personnel Costs as a % of Expenditures



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Personnel Costs	\$187,317,569	\$188,370,814	\$196,521,355	\$209,640,695	\$222,258,550	\$227,822,756	\$237,596,716	\$247,450,281	\$253,833,509	\$258,253,825
Expenditures	\$291,553,197	\$302,834,016	\$319,332,723	\$346,116,290	\$363,737,597	\$374,034,813	\$389,240,138	\$406,405,700	\$416,740,352	\$431,131,407
Personnel Costs as a % of Expenditures	64.2%	62.2%	61.5%	60.6%	61.1%	60.9%	61.0%	60.9%	60.9%	59.9%

Notes

Source for Personnel Costs: Budget Book - total Regular Salaries (51010 and 51020; General Fund plus revolving funds) plus Employee Benefits (Healthcare (Department 901 lines 57080, 57090 and 57100 less employee cost share); Defined Benefit (Department 901, line 57010); Defined Contribution (Department 901, line 57020))

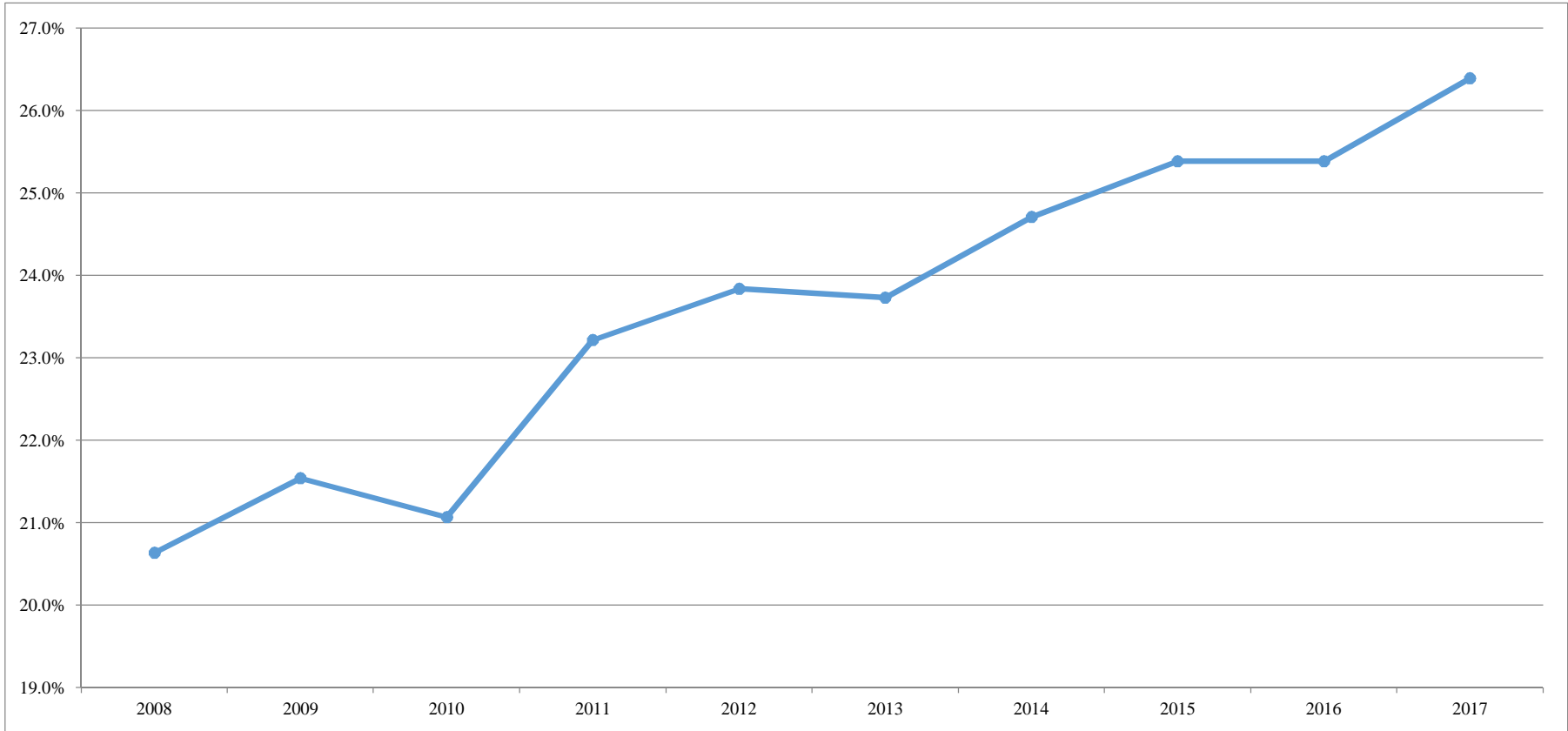
Source for General Fund Expenditures: CAFR – Required Supplementary Information: Statement of Revenues, Expenditures and Changes in Budgetary Fund Balance (page 74 in 2017 CAFR)

Source for Revolving Fund Expenditures: CAFR - Schedules of Revenues, Expenditures and Changes in Fund Balance and Changes in Net Position (pages 93-96 and 113-114 in 2017 CAFR)

Comments

Expenditures were normalized to include all funds, as Personnel Costs capture all salaries, healthcare, defined benefit and defined contribution costs regardless of fund (e.g. General Fund, Parking, Sewer, etc.). BOE grant fund removed Personnel Costs for consistency.

Healthcare as a % of Salaries



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Healthcare	\$ 30,956,417	\$ 32,235,428	\$ 32,964,774	\$ 37,517,921	\$ 39,983,823	\$ 40,515,791	\$ 43,079,450	\$ 45,413,654	\$ 46,887,815	\$ 49,177,244
Salaries	\$150,034,628	\$149,657,157	\$156,492,541	\$161,621,184	\$167,745,195	\$170,743,846	\$174,359,676	\$178,934,298	\$184,745,201	\$186,350,287
Healthcare as a % of Salaries	20.6%	21.5%	21.1%	23.2%	23.8%	23.7%	24.7%	25.4%	25.4%	26.4%

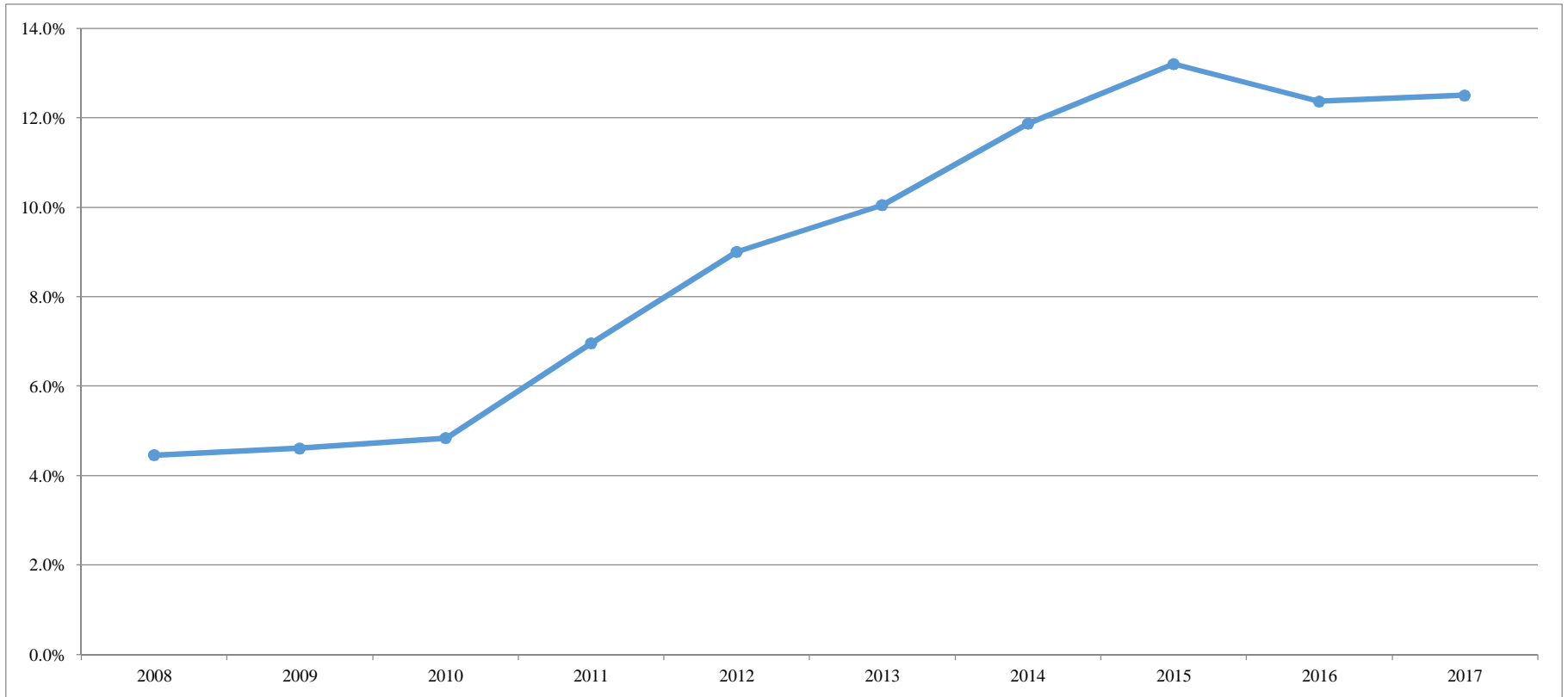
Notes

Source: Budget Book - Regular Salaries -Actuals (total 51010 and 51020; General Fund plus revolving funds); Healthcare (Department 901 lines 57080, 57090 and 57100 less employee cost share)

Comments

Healthcare costs decreased in FY07 due to changes in plan design. In calendar year 2010, the Town started its switch to the high deductible health plan, which was phased in gradually through 2015 as the plan was negotiated into union contracts. Costs were relatively flat between FY11 and FY12 because this time period included an 18-month rate guarantee from Anthem. Similarly, costs were relatively flat between FY12 and FY13 because this time period included a two-year rate guarantee from Cigna. Increases from FY13 to FY15 were driven by increases in cost trends and high claims experience.

Defined Benefit (DB) and Defined Contribution (DC) as a % of Salaries

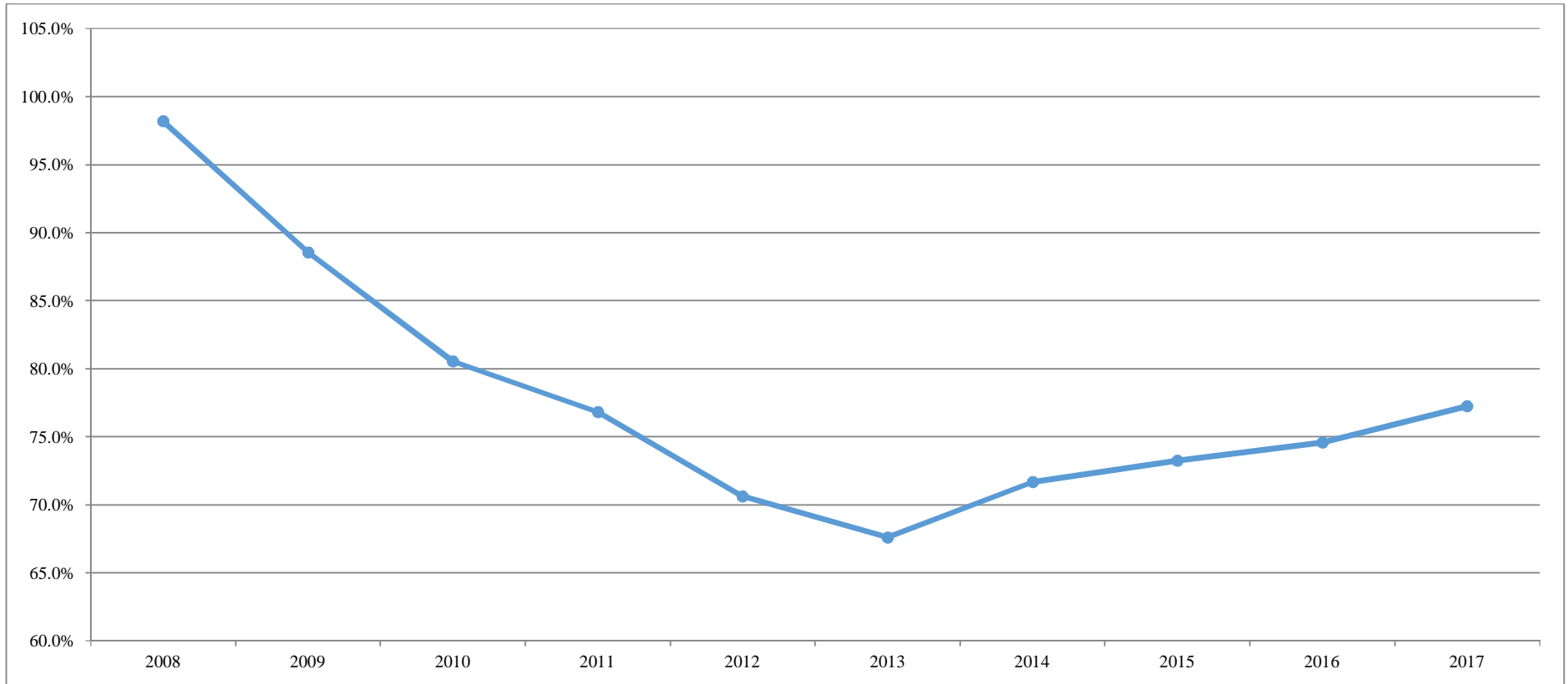


	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total DB plus DC	\$ 6,697,894	\$ 6,902,166	\$ 7,576,804	\$ 11,264,839	\$ 15,122,859	\$ 17,163,914	\$ 20,706,534	\$ 23,630,530	\$ 22,865,050	\$ 23,314,547
Salaries	\$150,034,628	\$149,657,157	\$156,492,541	\$161,621,184	\$167,745,195	\$170,743,846	\$174,359,676	\$178,934,298	\$184,745,201	\$186,350,287
Pension as a % of Salaries	4.5%	4.6%	4.8%	7.0%	9.0%	10.1%	11.9%	13.2%	12.4%	12.5%

Notes

Source: Budget Book - Regular Salaries, Actual (total 51010 and 51020; General Fund plus revolving funds); Defined Benefit (Department 901, line 57010); Defined Contribution (Department 901, line 57020)

Defined Benefit (DB) Pension Funded Ratio



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Actuarial Value of Assets	\$343,200,040	\$331,354,183	\$325,566,171	\$323,328,933	\$317,995,005	\$323,503,125	\$356,598,186	\$388,796,214	\$406,766,667	\$433,564,262
Total Accrued Liability	\$349,526,918	\$374,254,658	\$404,142,954	\$420,978,858	\$450,265,346	\$478,509,882	\$497,525,743	\$530,807,999	\$545,322,570	\$561,236,996
Funded Ratio	98.2%	88.5%	80.6%	76.8%	70.6%	67.6%	71.7%	73.2%	74.6%	77.3%

Notes

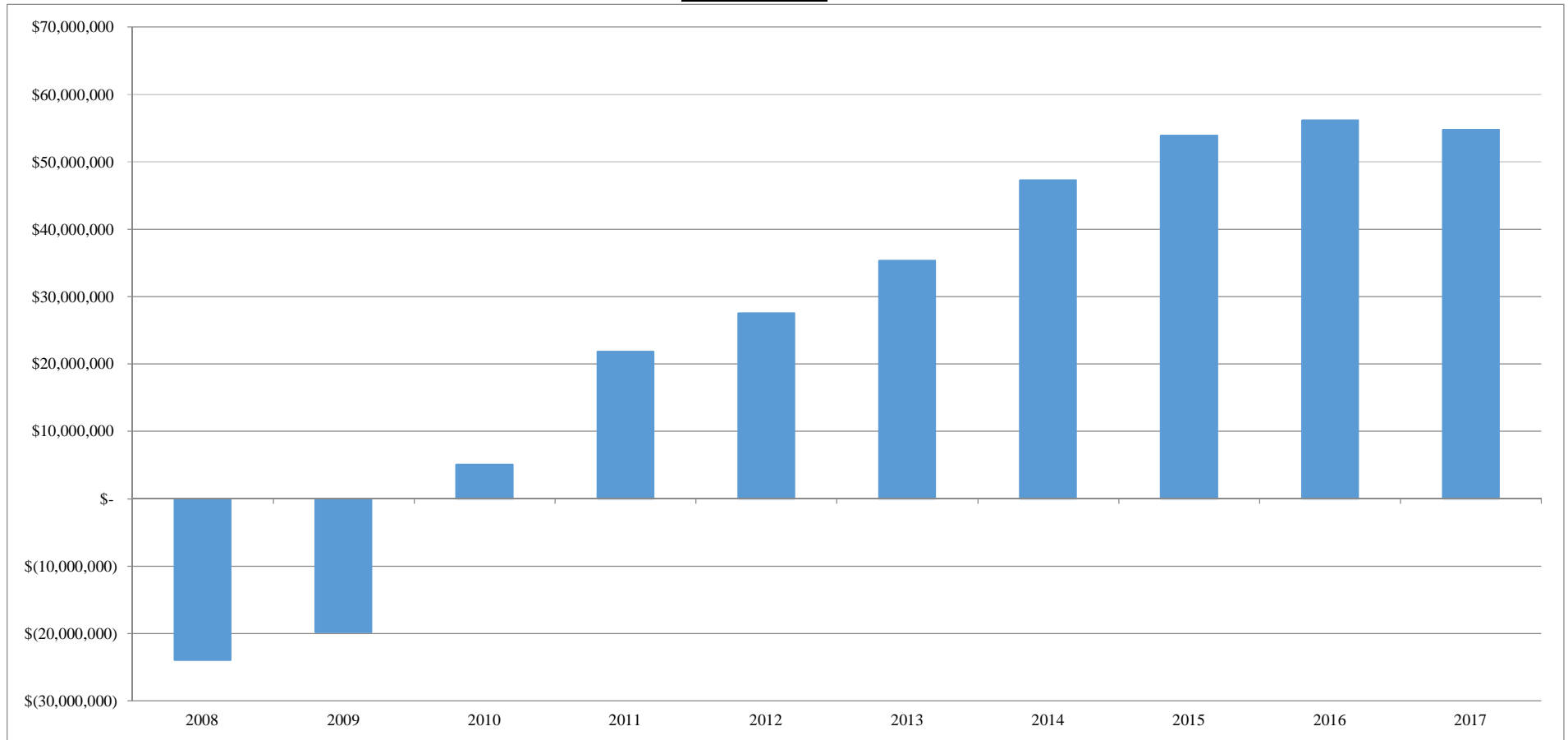
Source: Town Actuarial Reports, 2008-2017 (2017 Report, Page 13)

Comments

Per Section 205e of the Town Charter, the Town's contribution to the Pension Fund shall not be less than the normal contribution rate plus the accrued liability contribution rate. The BET's Pension Funding Policy seeks to improve the Retirement System's funded ratio such that it approaches 100% over a given period of time by contributing to the normal cost and amortizing the unfunded liability.

III. FUND BALANCES

Fund Balance



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Ending Fund Balances	\$ (24,018,580)	\$ (19,873,873)	\$ 5,077,510	\$ 21,802,930	\$ 27,544,087	\$ 35,287,077	\$ 47,300,136	\$ 53,933,421	\$ 56,174,828	\$ 54,717,584
Change from Prior Year		\$ 4,144,707	\$ 24,951,383	\$ 16,725,420	\$ 5,741,157	\$ 7,742,990	\$ 12,013,059	\$ 6,633,285	\$ 2,241,407	\$ (1,457,244)

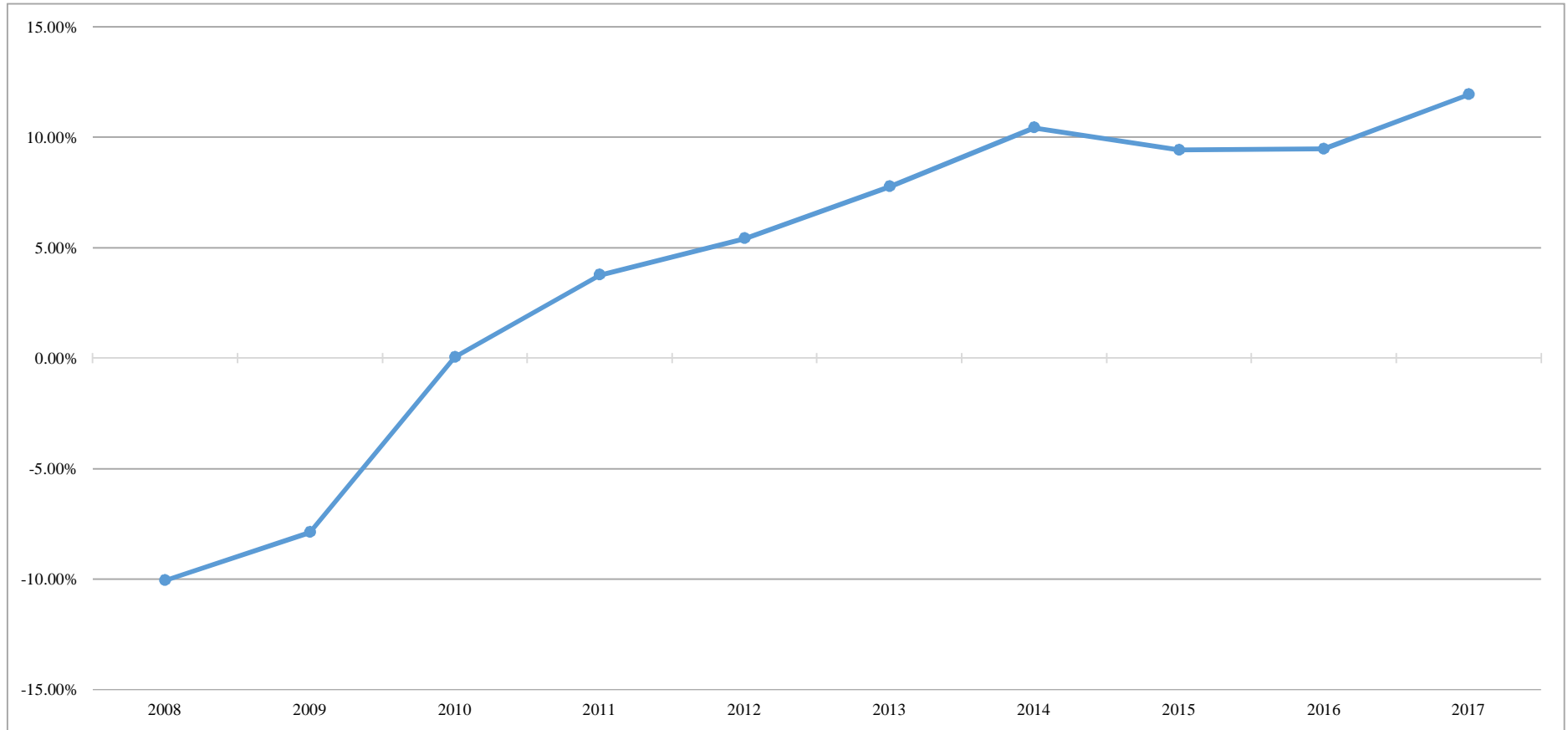
Notes

Source: CAFR – Basic Financial Statements: Balance Sheet - Governmental Funds (page 13 in 2017 CAFR)

Comments

Ending Fund Balance includes all categories of fund balance, including assigned, restricted, committed, nonspendable, and unassigned. Only unassigned fund balance is not restricted for a specific purpose. The negative figures in FY08-FY09 are attributable to the PAYGO funding mechanism, as large appropriations were made in those years for capital, but only a portion of those amounts were actually raised in each year. On a budgetary basis, Fund Balance was positive. While total Fund Balance decreased slightly in FY17, unassigned Fund Balance increased by about \$8 million. The primary reason for the decrease was due to the one-time contribution of \$5.3 million to the Nathaniel Witherell from restricted fund balance to address the operating deficit from FY15 and projected deficit in FY16.

Unassigned Fund Balance as a % of Operating Expenditures



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Unassigned Fund Balance	\$ (29,733,747)	\$ (24,178,185)	\$ 130,957	\$ 11,743,984	\$ 17,787,998	\$ 26,248,996	\$ 36,768,590	\$ 34,667,717	\$ 35,719,351	\$ 46,716,140
Expenditures	\$295,400,346	\$306,673,720	\$286,562,739	\$312,193,482	\$328,753,402	\$338,217,392	\$352,752,255	\$368,095,301	\$377,061,374	\$391,445,629
Unassigned Fund Balance as a % of Expenditures	-10.07%	-7.88%	0.05%	3.76%	5.41%	7.76%	10.42%	9.42%	9.47%	11.93%

Notes

Source: CAFR – Notes to Financial Statements, Note 11 - Fund Balance (page 43 in 2017 CAFR) & Statement of Net Position - Proprietary Funds (page 17 in 2017 CAFR).

Source for Expenditures: CAFR – Required Supplementary Information: Statement of Revenues, Expenditures and Changes in Budgetary Fund Balance (page 74 in 2017 CAFR)

Comments

The BET Fund Balance policy indicates that unassigned fund balance should be between 5-10% of General Fund Expenditures. Per the BET policy, the unassigned fund balance graphed above includes the General Fund unassigned fund balance, Capital Project & Nonrecurring fund balance, and Risk Reserve fund balance.