

# My School District

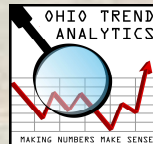


## Trend Comparison Data through FY18

Comparison with Selected Peer Group Districts

Comparison with ODE Designated Similar Districts

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Ohio Trend Analytics is a joint venture  
of K-12 Business Business Consulting, Inc.  
and Compare Ohio Schools, LLC.

**K-12**



**My School District  
FY 2018 Financial and Student Trend Comparison Report**

**Table of Contents**

	<b>Page</b>
<b>I: Methodology</b>	<b>4</b>
A: Overview	4
B: District Benchmarks	5
C: Data Sources	5
D: Notes	9
<b>II: Financial Metrics and Benchmarking - Ending Cash Measures</b>	<b>10</b>
A: Five Year Forecast Analysis	10
B: Revenues Per Pupil	11
C: Expenditures Per Pupil	13
<b>III: Key Expenditure Area Growth - Teacher Salary and Resident Income</b>	<b>16</b>
<b>IV: Key Student Outcomes -- Historical Composite Performance Data</b>	<b>20</b>
<b>V: Return on Investment Figures</b>	<b>23</b>
A: Based on Performance Index Percentage	23
B: Based on Percent of Indicators Met	24
C: Based on Value Added Gain Index	25
D: Based on Graduation Rate	26
<b>VI: Detailed Student Outcome Data from ODE Tests</b>	<b>27</b>
A: Value Added Subgroups	27
B: Reading	28
C: Math	30
D: End of Course, Reading and Math	32
E: Science	34
F: Social Studies	35
<b>Appendix I</b>	36
Five Year Forecast, October, 2018	
<b>Appendix II</b>	37
ODE Report Card, FY 2018	
<b>Appendix III</b>	38
Calculating District Effectiveness	
<b>Appendix IV</b>	39
Data Sources	
<b>Addendums (Not included in Management Summary)</b>	
<b>VII: 2018 Key Single Year Performance Measures Plotted vs. EPP</b>	<b>A-1</b>
<b>VIII: Expanded Per Pupil Expenditure Trends</b>	<b>A-11</b>

## My School District

### FY 2018 Fiscal and Student Trend Comparison Report

#### List of Figures

##### I: Methodology

###### A: Overview

Figure I-1 Ohio Average Expenditure Growth, 2001-2018

###### B: District Benchmarks

###### C: Data Sources

Figure I-2 District Similar Districts  
Figure I-3 District Peer Districts  
Figure I-4 Average Daily Membership  
Figure I-5 Average Daily Membership Growth, 2001-2018

###### D: Notes

##### II: Financial Metrics and Benchmarking - Ending Cash Measures

###### A: Five Year Forecast Analysis

Figure II-1 Revenues and Expenditures  
Figure II-2 Excess/Expenditures (%)  
Figure II-3 Ending Cash Balance (\$)  
Figure II-4 True Days Cash

###### B: Revenues Per Pupil

Figure II-5 Revenues Per Pupil (\$)  
Figure II-6 Growth in Revenues Per Pupil, 2001-2018  
Figures II-7 and 10 Revenues Per Pupil, Federal, (\$) and (%)  
Figures II-8 and 11 Revenues Per Pupil, State, (\$) and (%)  
Figures II-9 and 12 Revenues Per Pupil, Local, (\$) and (%)

###### C: Expenditures Per Pupil

Figure II-13 Expenditures Per Pupil (\$)  
Figure II-14 Growth in Expenditures Per Pupil, 2001-2018  
Figures II-15 and 18 EPP, Instruction, (\$) and (%)  
Figures II-16 and 19 EPP, Administration, (\$) and (%)  
Figures II-17 and 20 EPP, Operations Support, (\$) and (%)  
Figures II-21 and 23 EPP, Pupil Support, (\$) and (%)  
Figures II-22 and 24 EPP, Staff Support, (\$) and (%)

##### III: Key Expenditure Area Growth -- Teacher Salary and Resident Income

Figure III-1 Average Teacher Salary, (\$)  
Figure III-2 Median Resident Income, (\$)  
Figure III-3 Growth in Average Teacher Salary, (%)  
Figure III-4 Growth in Median Resident Income, (%)  
Figure III-5 Projected Salaries Growth, 2016-2023  
Figure III-6 Projected Benefits Growth, 2016-2023  
Figure III-7 Students Per Teacher  
Figure III-8 Growth in Students Per Teacher

##### IV: Key Student Outcomes -- Historical Composite Performance Data

Figure IV-1 Performance Index Percentage  
Figure IV-2 Percent of Indicators Met  
Figure IV-3 4-Year Graduation Rate  
Figure IV-4 ACT Percentile  
Figure IV-5 Value Added Gain Index, All Students, Composite  
Figure IV-6 Value Added Gain Index, All Students, Reading  
Figure IV-7 Value Added Gain Index, All Students, Math

##### V: Return on Investment Figures

###### A: Based on Performance Index Percentage

Figure V-1 ROI, Performance Index Percentage per EPP  
Figure V-2 Performance Index Percentage  
Figure V-3 EPP

###### B: Based on Percent of Indicators Met

Figure V-4 ROI, Percent of Indicators Met per EPP  
Figure V-5 Percent of Indicators Met  
Figure V-6 EPP

###### C: Based on Value Added Gain Index

Figure V-7 ROI, Value Added Gain Index  
Figure V-8 Value Added Gain Index  
Figure V-9 EPP

###### D: Based on Graduation Rate

Figure V-10 ROI, 4-Year Graduation Rate  
Figure V-11 4-Year Graduation Rate  
Figure V-12 EPP

My School District

FY 2018 Fiscal and Student Trend Comparison Report

List of Figures (cont'd)

VI: Detailed Student Outcomes from ODE Tests

A: Value Added Subgroups

- Figure VI-1 Value Added Gain Index, All Gifted Students
- Figure VI-2 Value Added Gain Index, Students with Disabilities
- Figure VI-3 Value Added Gain Index, Students in the Lowest 20%

B: Reading

- Figure VI-4 Reading, 3rd Grade, % Proficient or Better
- Figure VI-5 Reading, 4th Grade, % Proficient or Better
- Figure VI-6 Reading, 5th Grade, % Proficient or Better
- Figure VI-7 Value Added, 4th Grade Reading
- Figure VI-8 Value Added, 5th Grade Reading
- Figure VI-9 Reading, 6th Grade, % Proficient or Better
- Figure VI-10 Reading, 7th Grade, % Proficient or Better
- Figure VI-11 Reading, 8th Grade, % Proficient or Better
- Figure VI-12 Value Added, 6th Grade Reading
- Figure VI-13 Value Added, 7th Grade Reading
- Figure VI-14 Value Added, 8th Grade Reading

C: Math

- Figure VI-15 Math, 3rd Grade, % Proficient or Better
- Figure VI-16 Math, 4th Grade, % Proficient or Better
- Figure VI-17 Math, 5th Grade, % Proficient or Better
- Figure VI-18 Value Added, 4th Grade Math
- Figure VI-19 Value Added, 5th Grade Math
- Figure VI-20 Math, 6th Grade, % Proficient or Better
- Figure VI-21 Math, 7th Grade, % Proficient or Better
- Figure VI-22 Math, 8th Grade, % Proficient or Better
- Figure VI-23 Value Added, 6th Grade Math
- Figure VI-24 Value Added, 7th Grade Math
- Figure VI-25 Value Added, 8th Grade Math

D: 11th Grade and End of Course, Reading and Math

- Figure VI-26 Reading, 11th Grade, & Proficient or Better
- Figure VI-27 Writing, 11th Grade, & Proficient or Better
- Figure VI-28 Language Arts I, % Proficient or Better
- Figure VI-29 Language Arts II, % Proficient or Better
- Figure VI-30 K-3 Literacy, %
- Figure VI-31 Math, 11th Grade, & Proficient or Better
- Figure VI-32 Algebra I, & Proficient or Better
- Figure VI-33 Geometry, % Proficient or Better
- Figure VI-34 Integrated Math I, % Proficient or Better
- Figure VI-35 Integrated Math II, & Proficient or Better

E: Science

- Figure VI-36 Science, 5th Grade, % Proficient or Better
- Figure VI-37 Science, 8th Grade, % Proficient or Better
- Figure VI-38 Science, 11th Grade, % Proficient or Better
- Figure VI-39 Physical Science, % Proficient or Better
- Figure VI-40 Biology, % Proficient or Better

F: Social Studies

- Figure VI-41 Social Studies, 4th Grade, % Proficient or Better
- Figure VI-42 Social Studies, 6th Grade, % Proficient or Better
- Figure VI-43 Social Studies, 11th Grade, % Proficient or Better
- Figure VI-44 Government, % Proficient or Better
- Figure VI-45 History, % Proficient or Better

Appendix I

Five Year Forecast, October, 2018

Appendix II

ODE Report Card, FY 2018

Appendix III

Calculating District Effectiveness

Appendix IV

Data Sources



My School District

FY 2018 Fiscal and Student Trend Comparison Report

List of Figures (cont'd)

**VII: Single Year Key Performance Measures plotted vs. EPP Measures which are incorporated in the District Grade**

**A: Achievement**

- Figure VII-1 Performance Index Percent
- Figure VII-2 Percent of Indicators Met

**B: Progress (Value Added Gain Index)**

- Figure VII-3 Value Added Gain Index, All Students
- Figure VII-4 Value Added Gain Index, Gifted Students
- Figure VII-5 Value Added Gain Index, Students w/Disabilities
- Figure VII-6 Value Added Gain Index, Students Performing in Lowest 20%

**C: Graduation**

- Figure VII-7 Four-Year Graduation Rate
- Figure VII-8 Five-Year Graduation Rate

**D: Gap Closing (Annual Measurable Objectives)**

- Figure VII-9 AMO Composite Score
- Figure VII-10 AMO Graduation Score
- Figure VII-11 AMO Reading Score
- Figure VII-12 AMO Math Score

**E: K-3 Literacy Improvement**

- Figure VII-13 K-3 Literacy Score
- Figure VII-14 3rd Grade Reading Test, % Proficient

**F: Prepared for Success**

- Figure VII-15 Prepared for Success (%)
- Figure VII-16 % of Students ACT/SAT Remediation Free
- Figure VII-17 % of Students Earning an Honors Diploma
- Figure VII-18 % of Students Earning Industry Certification

**VIII: Expenditures as Reported using ODE Expanded Methodology**

- Figure VIII-1 Total Expenditures, \$/Pupil
- Figure VIII-2 Total Operating Expenditures, \$/Pupil
- Figure VIII-3 Total Non-Operating Expenditures, \$/Pupil
- Figure VIII-4 Total Classroom Instruction, \$/Pupil
- Figure VIII-5 Total Non-Classroom Instruction, \$/Pupil
- Figure VIII-6 Instructional, \$/Pupil
- Figure VIII-7 Pupil Support, \$/Pupil
- Figure VIII-8 Instructional Staff Support, \$/Pupil
- Figure VIII-9 General Administration, \$/Pupil
- Figure VIII-10 School Administration, \$/Pupil
- Figure VIII-11 Plant Operations & Maintenance, \$/Pupil
- Figure VIII-12 Transportation, \$/Pupil
- Figure VIII-13 Other Support Services, \$/Pupil
- Figure VIII-14 Food Services, \$/Pupil
- Figure VIII-15 Enterprise Operations, \$/Pupil
- Figure VIII-16 Other Elementary/Secondary Support Svcs, \$/Pupil
- Figure VIII-17 Community Service Programs, \$/Pupil
- Figure VIII-18 Adult Education Programs, \$/Pupil
- Figure VIII-19 Non-Elem/Secondary Support Services, \$/Pupil
- Figure VIII-20 Construction, \$/Pupil
- Figure VIII-21 Land and Structures, \$/Pupil
- Figure VIII-22 Instructional Equipment, \$/Pupil
- Figure VIII-23 Other Equipment, \$/Pupil
- Figure VIII-24 Debt and Interest, \$/Pupil



I: Methodology

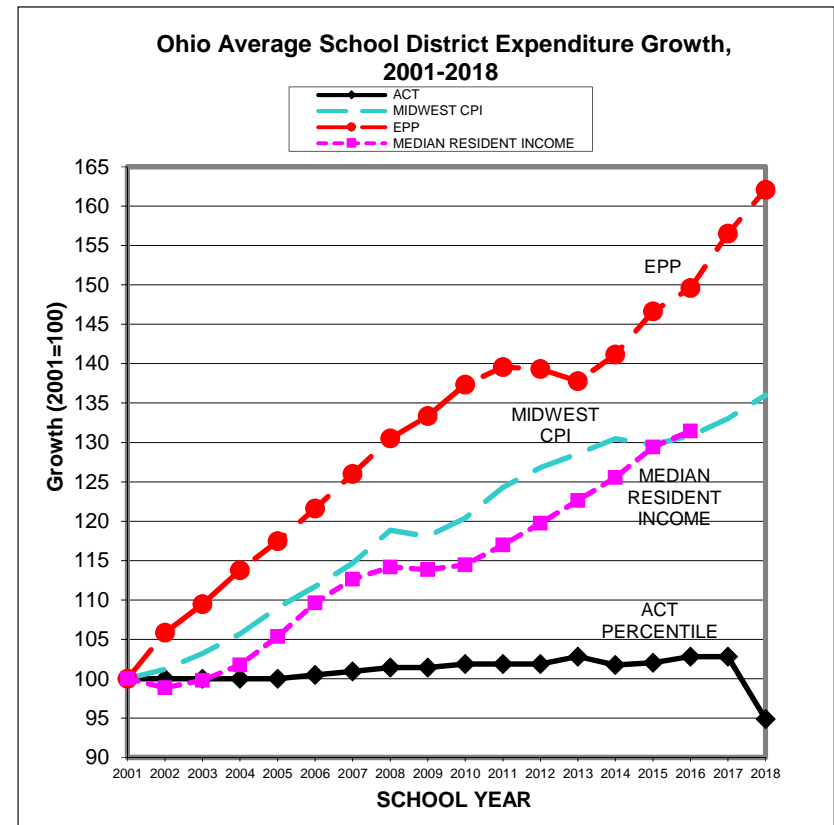
A. Overview

Through FY 2018, Ohio school districts continued to face the challenge of providing the best educational environment for their students while demonstrating good stewardship of their resident-taxpayers dollars.

As presented in Figure I-1, the historical statewide trend in per pupil expenditures from FY01 through FY18 increased 62%, exceeding both inflation (35%) and the growth in the state’s median resident income. During this same period, the Ohio average ACT percentile showed a modest increase (7 percentile points) until 2018, when all juniors were required to take it.

While state trends shed light on how the state is doing as a whole in providing a cost-effective quality education for its students, financial and student outcome performance vary considerably among the districts.

The purpose of this report is to provide My School District decision-makers and stakeholders – school board members, administrators, staff, parents, and resident-taxpayers with the data they need to compare their own financial and student outcomes with relevant benchmarks, providing an analysis with which to inform My School District as it sets its future direction in achieving superior financial and academic performance.



Towards this end, this report provides My School District's historical trend data in graphical form and includes:

1. My School District's fiscal health as represented by its ending cash balance and True Days Cash,
2. Per pupil revenue and expenditure data,
3. My School District management's best estimate of how the district's financial picture is likely to unfold over the next five years with respect to salaries and benefits growth,
4. Average teacher salary and median resident income growth,
5. Measures of Return on Investment, as represented by selected ODE Report Card measures divided by its Expenditures Per Pupil (EPP), and
6. Student Performance measures resulting from the standardized tests administered yearly and which appear in ODE's Report Card.

### **B: District Benchmarks**

For each of these measures, My School District's data are compared with those of its Similar Districts as defined by the Ohio Department of Education, with Peer Districts selected by district administration, and with the Ohio districts average.

Figure I-2 provides the attributes of up to twenty districts determined by ODE to be demographically and socioeconomically similar to My School District. These are the districts whose expenditures and student outcomes most legitimately compare with the district. The measures utilized by ODE and the methodology for selecting these Similar Districts are provided on ODE's website.

Figure I-3 provides the attributes of up to ten of My School District's Peer Districts – those selected primarily because of their geographic proximity and familiarity.

Figures I-4 and I-5 provide the historical trend in Average Daily Membership (ADM) for My School District, along with that of the Similar Districts, the Peer Districts, and the Ohio districts average. Note that through FY 2018, Ohio public school enrollment has fallen roughly 10% since FY 2001.

### **C: Data Sources**

All data used to generate this report's graphs are sourced from those in the public domain, and are accessible on websites maintained by the Ohio Department of Education, the Ohio Department of Taxation, and the Bureau of Labor Statistics.

1. **Financial Forecast Data.** Twice a year, in May and October, district treasurers are required to submit to ODE a Five Year Forecast. This document (Included in Appendix I) provides actual financial data (revenues, expenditures and fund balances) for the past three years as well as the treasurer's best estimate of a forecast for the next five years. These Five Year Forecasts are used by ODE to evaluate the financial status of a district, and to identify those districts which require review, oversight, or intervention. The most recent Five Year Forecast from October, 2018 is utilized in this report.

Figure I-2: MY SCHOOL DISTRICT - 2018 SIMILAR DISTRICTS PER ODE

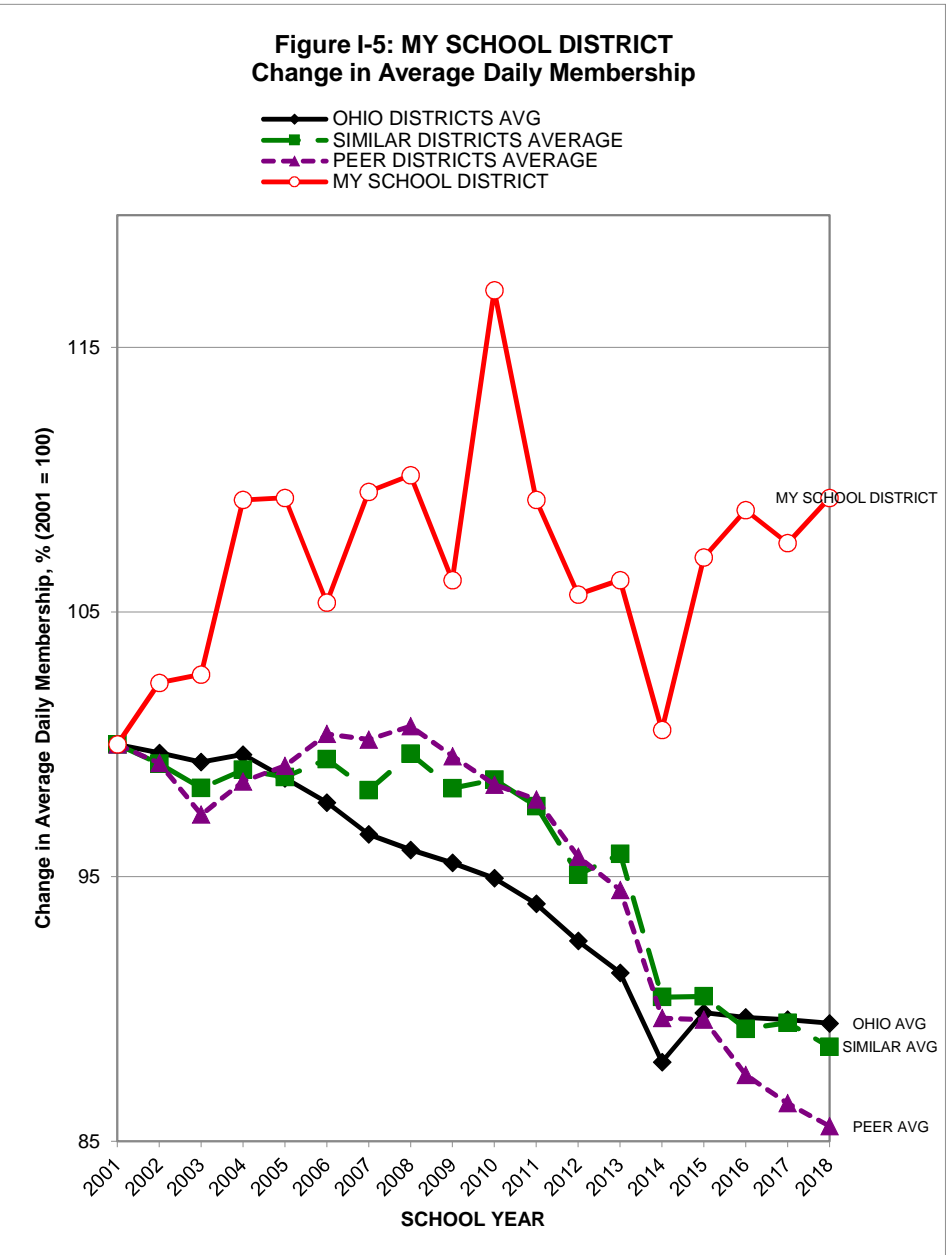
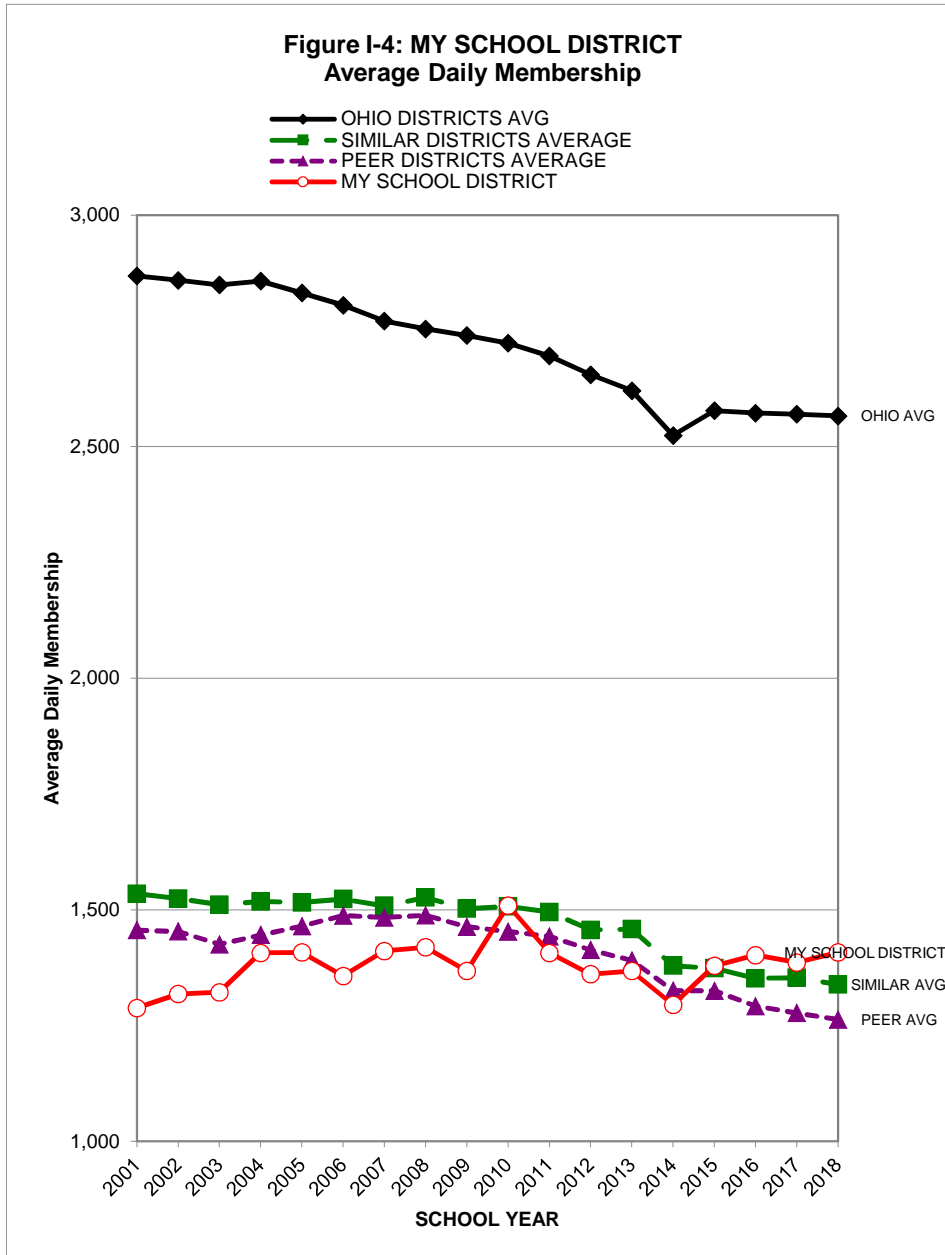
NOTE: Actual IRNs and district names/counties are identified in the actual Trend Study.

IRN	District	County	Average Daily Membership (ADM)	Poverty as % of ADM	% of Population Administrative or Professional Occupations	Median Income	% of Population with College Degree or More	% Agricultural Property	Population Density	Non-Residential & Non-Agricultural Per Pupil	% Minority Students	% Students with Disabilities
xxxxxx	MY SCHOOL DISTRICT	MY COUNTY	1,386	27	28.1	\$38,171	14.7	24.3	110	15,475	4	12
xxxxxx	SIMILAR DISTRICT 1	COUNTY 1	1,346	29	31.6	\$39,760	18.5	7.7	351	17,110	4	11
xxxxxx	SIMILAR DISTRICT 2	COUNTY 2	1,043	31	28.4	\$39,088	22.5	22.2	133	17,998	4	10
xxxxxx	SIMILAR DISTRICT 3	COUNTY 3	1,296	18	25.9	\$42,053	18.6	22.6	147	15,583	3	12
xxxxxx	SIMILAR DISTRICT 4	COUNTY 4	1,845	35	27.9	\$39,749	12.3	21.5	86	14,713	5	14
xxxxxx	SIMILAR DISTRICT 5	COUNTY 5	1,247	29	33.6	\$42,010	15.3	40.2	74	18,558	5	14
xxxxxx	SIMILAR DISTRICT 6	COUNTY 6	1,080	36	32.8	\$39,756	18	19.2	145	16,030	4	14
xxxxxx	SIMILAR DISTRICT 7	COUNTY 7	1,316	33	33.8	\$43,832	19.4	24.6	144	17,801	4	18
xxxxxx	SIMILAR DISTRICT 8	COUNTY 8	1,137	23	29.6	\$39,829	13.2	30.5	95	11,516	3	8
xxxxxx	SIMILAR DISTRICT 9	COUNTY 9	1,784	35	26.1	\$42,298	15.9	43.6	64	13,558	5	16
xxxxxx	SIMILAR DISTRICT 10	COUNTY 10	1,222	35	29	\$39,476	18.5	34	88	20,683	5	20
xxxxxx	SIMILAR DISTRICT 11	COUNTY 11	1,061	36	29.2	\$36,484	16.5	37.2	70	18,076	3	11
xxxxxx	SIMILAR DISTRICT 12	COUNTY 12	1,333	39	25.9	\$38,214	17.6	34	87	12,200	5	11
xxxxxx	SIMILAR DISTRICT 13	COUNTY 13	1,652	36	31.8	\$38,883	17.8	25.1	94	20,356	5	16
xxxxxx	SIMILAR DISTRICT 14	COUNTY 14	1,093	33	27.3	\$43,138	14.1	36.1	79	10,695	4	11
xxxxxx	SIMILAR DISTRICT 15	COUNTY 15	1,059	41	26.6	\$37,089	15.5	28.5	92	17,906	4	18
xxxxxx	SIMILAR DISTRICT 16	COUNTY 16	1,489	28	31.3	\$44,988	16.2	12.6	179	21,886	5	10
xxxxxx	SIMILAR DISTRICT 17	COUNTY 17	1,411	43	24.5	\$37,812	16.8	13.9	217	15,269	5	12
xxxxxx	SIMILAR DISTRICT 18	COUNTY 18	1,918	36	31.4	\$40,992	20.1	28.8	107	20,056	4	14
xxxxxx	SIMILAR DISTRICT 19	COUNTY 19	1,563	43	25.3	\$37,581	15.1	14.7	118	16,017	3	13
xxxxxx	SIMILAR DISTRICT 20	COUNTY 20	1,169	19	32.6	\$42,513	19.7	37.5	65	13,928	6	10
93000	SIMILAR DISTRICTS AVERAGE		1,355	33	29	\$40,177	17	27	121	16,448	4	13

Figure I-3: MY SCHOOL DISTRICT - 2018 PEER DISTRICTS

xxxxxx	MY SCHOOL DISTRICT	MY COUNTY	1,386	27	28.1	\$38,171	14.7	24.3	110	15,475	4	12
xxxxxx	PEER DISTRICT 1	COUNTY 1	973	51	27.9	\$34,251	16.1	3.6	721	15,274	6	13
xxxxxx	PEER DISTRICT 2	COUNTY 2	1,289	33	37.9	\$41,234	24.1	9.9	315	30,565	4	12
xxxxxx	PEER DISTRICT 3	COUNTY 3	841	22	28.5	\$39,330	19.7	23.3	166	40,978	6	10
xxxxxx	PEER DISTRICT 4	COUNTY 4	1,333	39	25.9	\$38,214	17.6	34	87	12,200	5	11
xxxxxx	PEER DISTRICT 5	COUNTY 5	2,724	50	25.2	\$34,032	17.1	5.6	586	24,759	19	14
xxxxxx	PEER DISTRICT 6	COUNTY 6	1,043	31	28.4	\$39,088	22.5	22.2	133	17,998	4	10
xxxxxx	PEER DISTRICT 7	COUNTY 7	1,489	28	31.3	\$44,988	16.2	12.6	179	21,886	5	10
xxxxxx	PEER DISTRICT 8	COUNTY 8	855	30	23.2	\$38,006	18.2	0.1	1,597	32,078	1	13
xxxxxx	PEER DISTRICT 9	COUNTY 9	804	34	30.4	\$39,899	17	28.6	70	35,767	3	13
xxxxxx	PEER DISTRICT 10	COUNTY 10	1,420	40	22.6	\$36,004	10.9	33	154	36,769	3	13
94000	PEER DISTRICTS AVERAGE		1277.1	35.8	28.13	\$38,505	17.94	17.29	401	26827.4	5.6	12

### Average Daily Membership (ADM)



**2. Historical Revenue and Expenditure Data.** Each year, ODE publishes Report Cards for all districts. These Report Cards include select financial measures, including Revenues and Expenditures Per Pupil (RPP and EPP respectively). Data used in this report are expenditure per pupil data, rather than ODE’s “Expenditures per Equivalent Pupil” (EPEP). EPEP is calculated by dividing EPP by a factor to accommodate inter-district differences in socioeconomic status and the prevalence of students with disabilities and English language learners, with the assumption that these students are “harder to serve.” To be consistent across the years, only EPP data are used in this report.

**3. Key Expenditure Area Growth – Salaries and Benefits.** Teacher salaries and benefits account for roughly three-quarters of a district’s annual budget. For this reason, historical trends in Average Teacher Salary and Median Resident Income are included in this report. A district’s Average Teacher Salary is reported by ODE in its Report Cards, and Median Resident Income is reported by the Ohio Department of Taxation in May of each year.

Median Resident Income is derived from ODT’s income tax results, in which the Federal Adjusted Gross Income (FAGI) is divided by the number of tax returns submitted. This figure includes both individual as well as household returns; the dollar figures, then, probably overestimate the median individual income. The most recent year for which median resident income data are available is 2016.

Also included is district management’s best estimate of total salaries and benefits growth over the next five years. These data are sourced from the district's Five Year Forecast.

**4. Student Performance Data.** Trends in student outcomes are provided for each test as well as for composite measures, including Performance Index Percent, Percent of Indicators Met, 4-Year Graduation Rate, and Value Added Gain Index. Most of the standardized tests are administered in grades 3 through 8. The Ohio Graduating and 11th grade tests are no longer administered and were replaced in 2016 by end of course exams in Math, Language Arts, Science, and Social Studies. Only recently have data on these end of year tests, Kindergarten Readiness, K-3 Literacy, and ACT Remediation-Free been available. Starting in FY 2018, all juniors were required to take the ACT.

The **4-Year Graduation Rate** is self-explanatory. ODE reports a 5-Year Graduation Rate, but since most students should be able to graduate in 4 years, it is not included.

The **Performance Index Percentage** is a composite measure of how well the district's students performed on the end-of-year tests. Each level of proficiency (from Limited to Basic to Proficient to Advanced to Accelerated) is assigned a weighting, and the overall PIP is calculated based on the number of students who achieve that level of proficiency.

The **Percent of Indicators Met** is based on how many of the 24 to 29 indicators were met, again based off of the end-of-year tests. The Value Added Gain Index is a composite of the Math and Reading Value Added Gain Indices for grades 4 through 8. It evaluates whether each student was able to achieve one year's worth of learning in one year. Achieving this is zero on each graph.

Appendix II provides the summary sheet of the 2018 Report Card for My School District.

**5. Key Expenditure Return on Investment Data.** As mentioned above, ODE provides student performance measures derived from the results achieved on State standardized tests. Four composite measures – Performance Index Percentage, Percent of Indicators Met, 4-Year Graduation Rate, and Value Added Gain Index – serve as key measures of a district’s student achievement. A district’s productivity is calculated by taking the performance of its students as represented by these measures and dividing it by its Expenditures Per Pupil. Historical trends in the return on investment are provided for My School District's Similar Districts, for the chosen Peer Districts, and for the State districts average. Example calculations are included in Appendix III.

#### **D: Notes**

This report documents My School District's historical financial performance, student outcome results, and Return on Investment measures, and compares them with Similar District, chosen Peer District, and State average benchmarks. A couple of comments are in order in discussing the usefulness of such analysis.

- 1. Data Accuracy.** The results of any study are only as valid as the data from which they were derived. Only data from ODE, ODT, BLS, and ACT, Inc. were used to generate these charts. There are cases where data reported appears to be inconsistent, and we have done everything possible to resolve those issues.
- 2. Yearly Anomalies.** The financial and performance challenges which are facing My School District include those which are both common to all districts, as well as those which are unique to My School District itself. Student population changes, one-year financial anomalies, and employment changes (including the fallout from implementing reductions in force) can cause individual data points to show unusual behavior for any given year. It is important, therefore, to look at trends rather than specific years/data points when viewing the district's picture.

**3. Further Investigation.** This study provides a broad-brush view of My School District's expenditure and performance trends, and can serve as a starting point for My School District stakeholders to take a more detailed look at their district's operations. Towards this end, there are many publicly-available district-specific reports and documents available on the internet: Cupp Reports, audited financial statements, teacher base and step-column tabulations, and health insurance surveys are just a few of these.

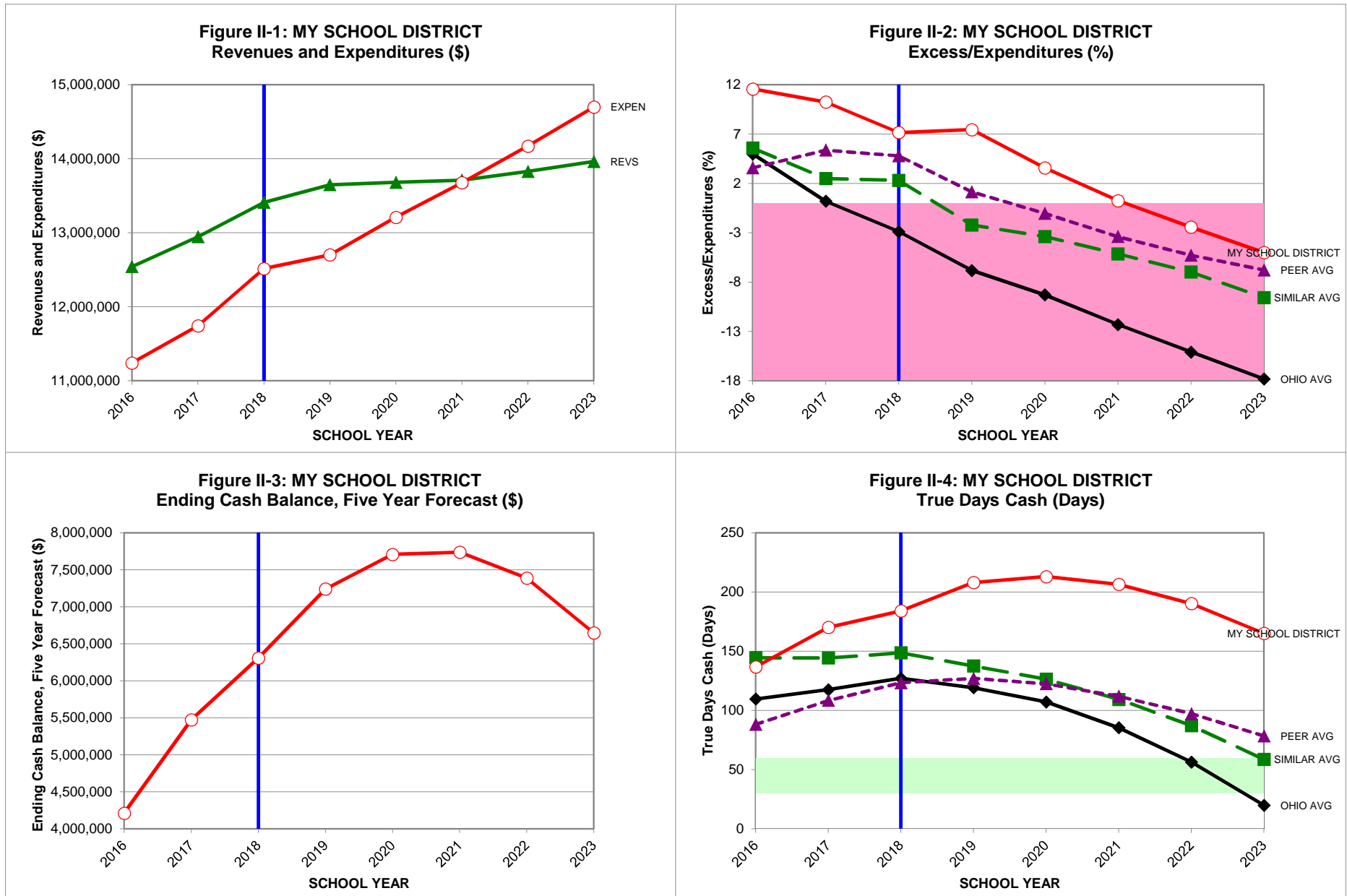
In addition, the compensation terms in the negotiated contracts, both with the bargaining units as well as with the administrators, account for a substantial (70-80%) portion of the district’s finances. Bargaining unit contracts can be found on the State Employee Relations Board website and/or are public information which can be accessed by requesting them from district treasurers through a Public Records Request.

Appendix IV provides a list of sources from which additional data can be sourced.



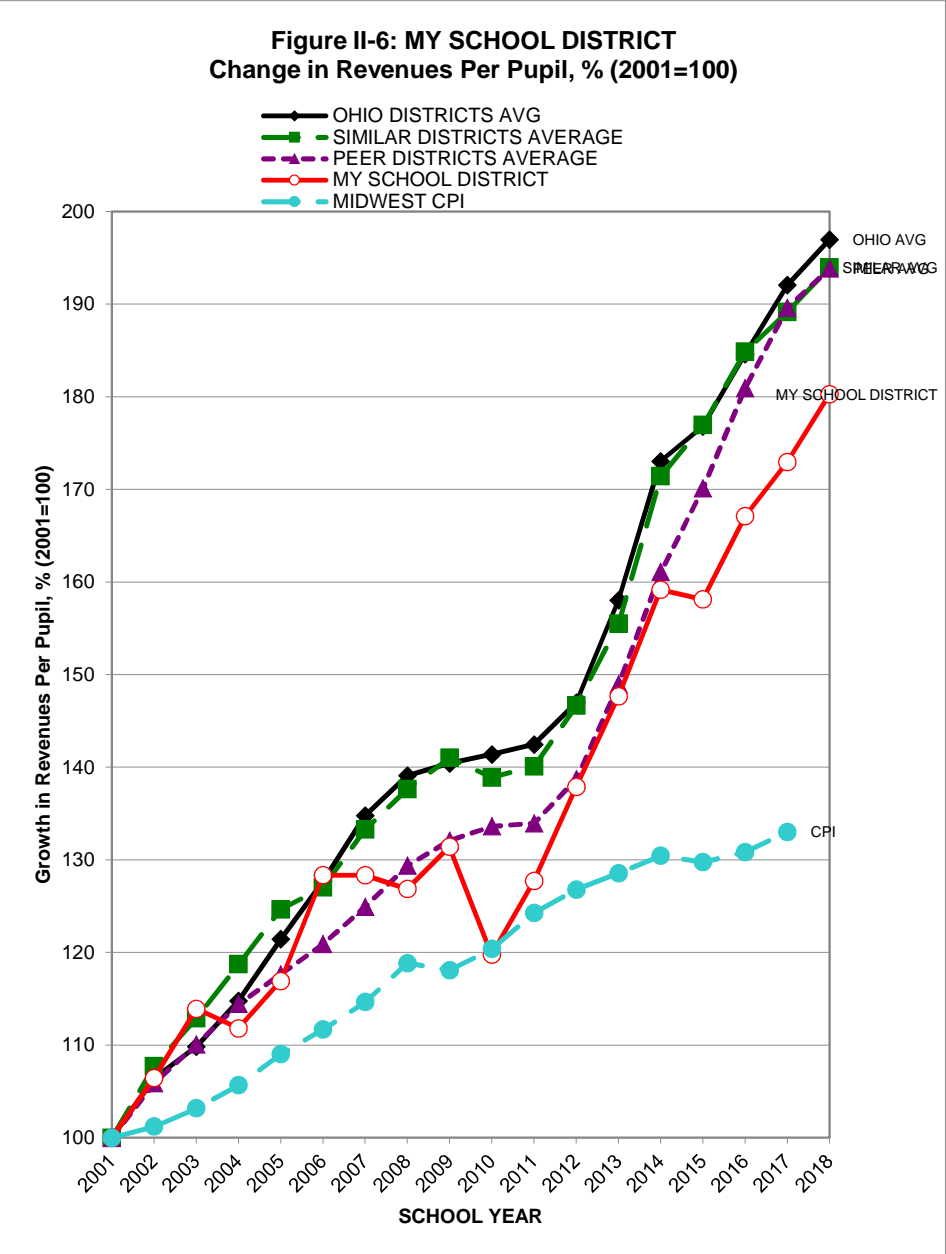
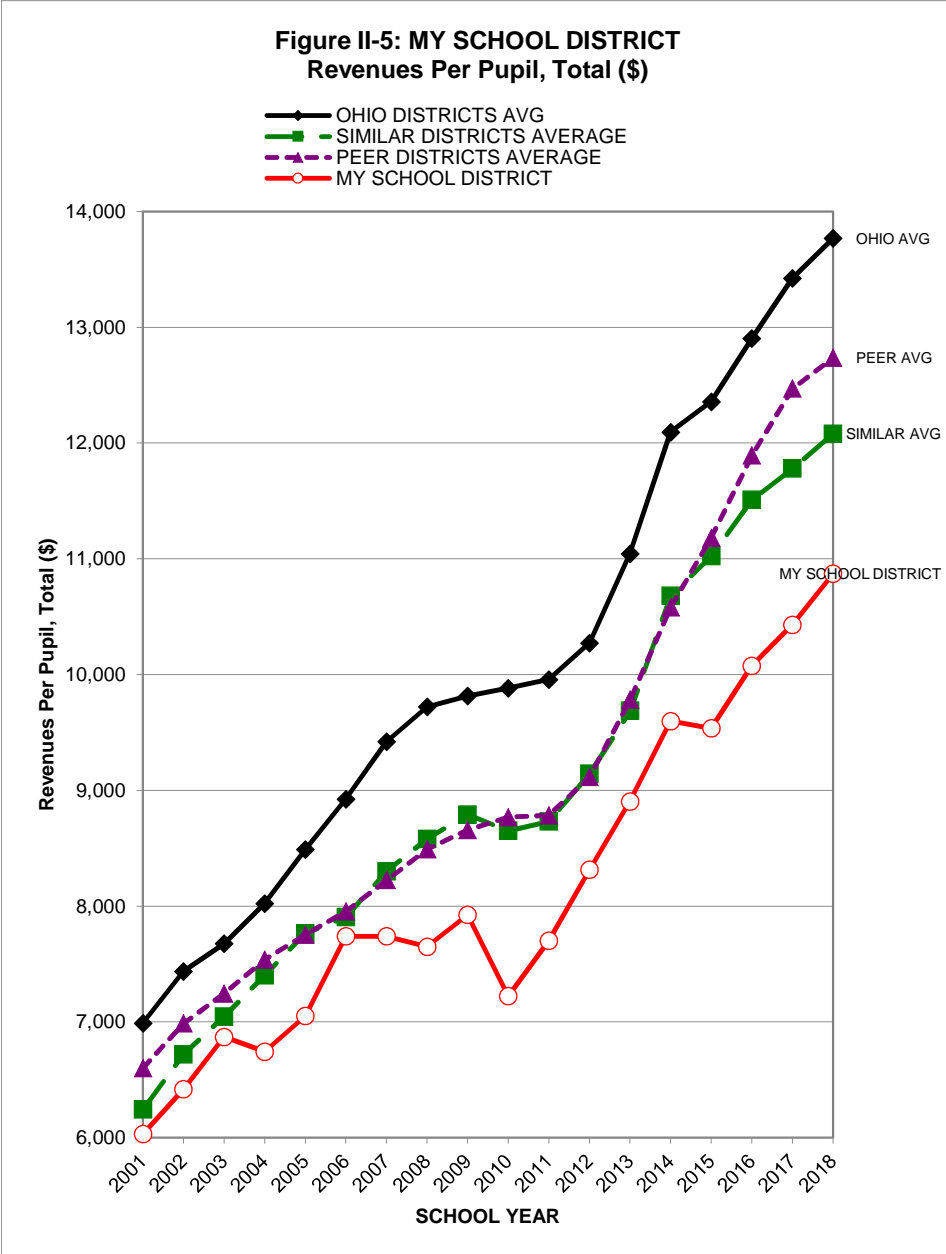
## II: Financial Metrics and Benchmarking -- Ending Cash Measures

Figures II-1 and II-2 show the district's revenue and expenditures streams and "profitability" as presented in its October, 2018 Five Year Forecast, resulting in the Ending Cash Balance (Figure II-3). True Days Cash (Figure II-4) is the number of days the district could last if all revenue streams were to go to zero. The ODE recommended threshold is between 30 and 60 True Days Cash.



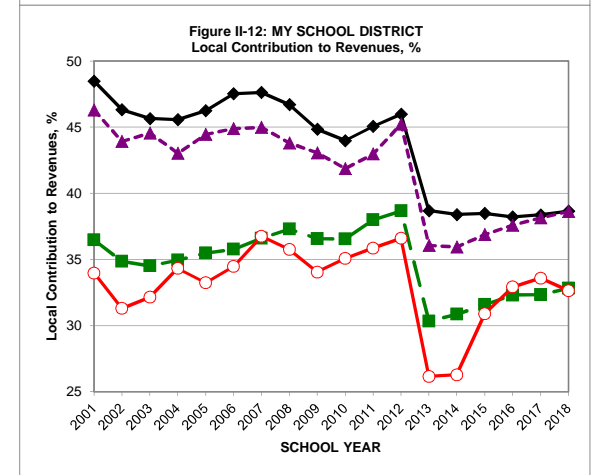
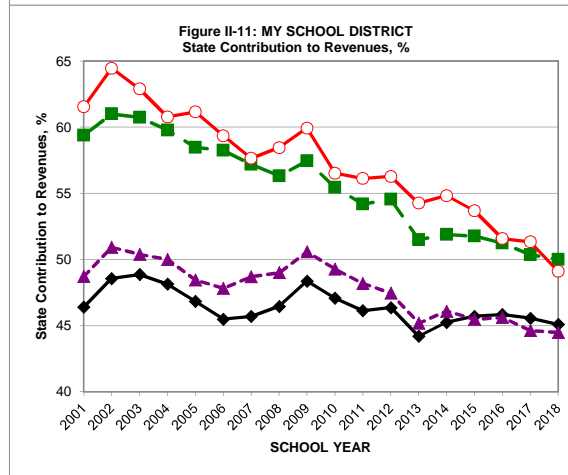
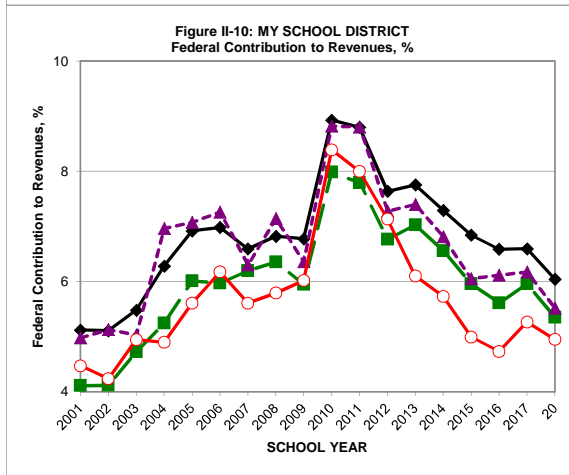
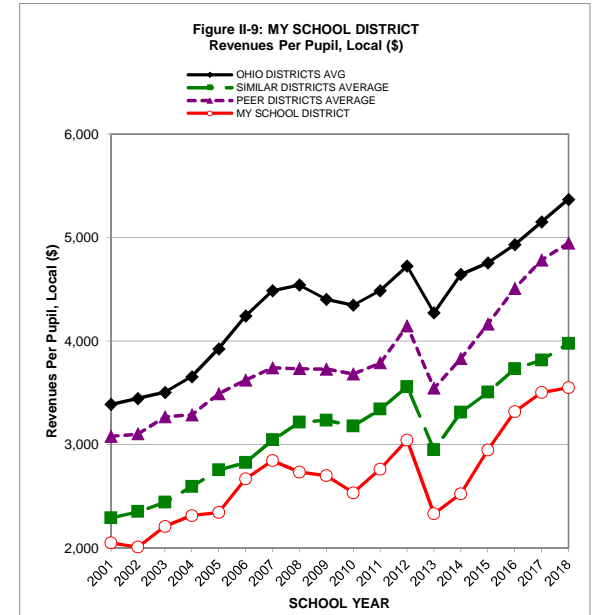
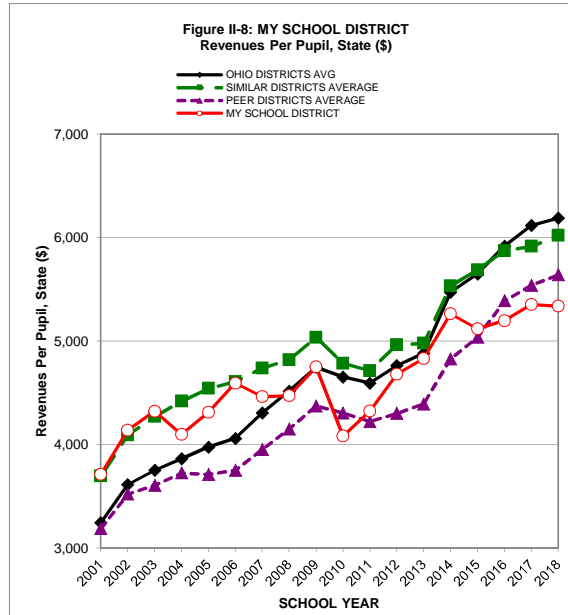
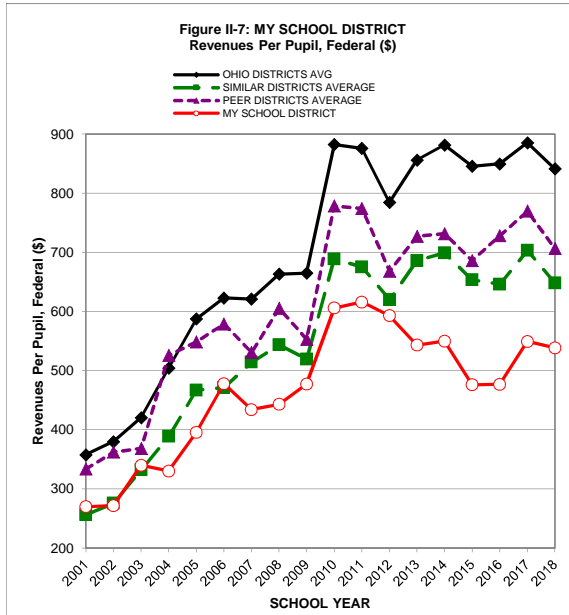
### Revenues Per Pupil

Figure II-5 shows the trend in Revenues Per Pupil from 2001 through 2018. The growth in Revenues per Pupil is provided in Figure II-6, with the year 2001 representing 100.



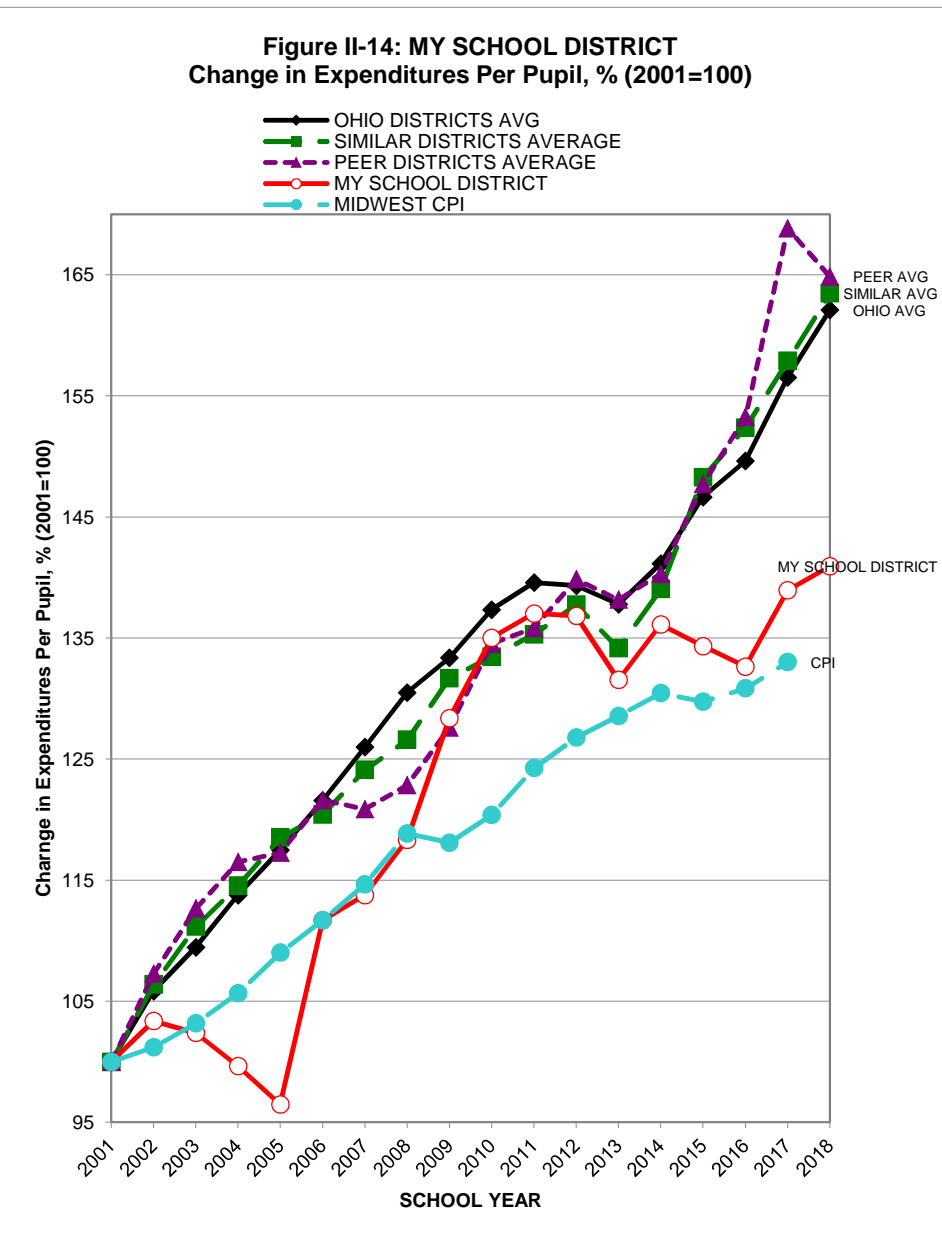
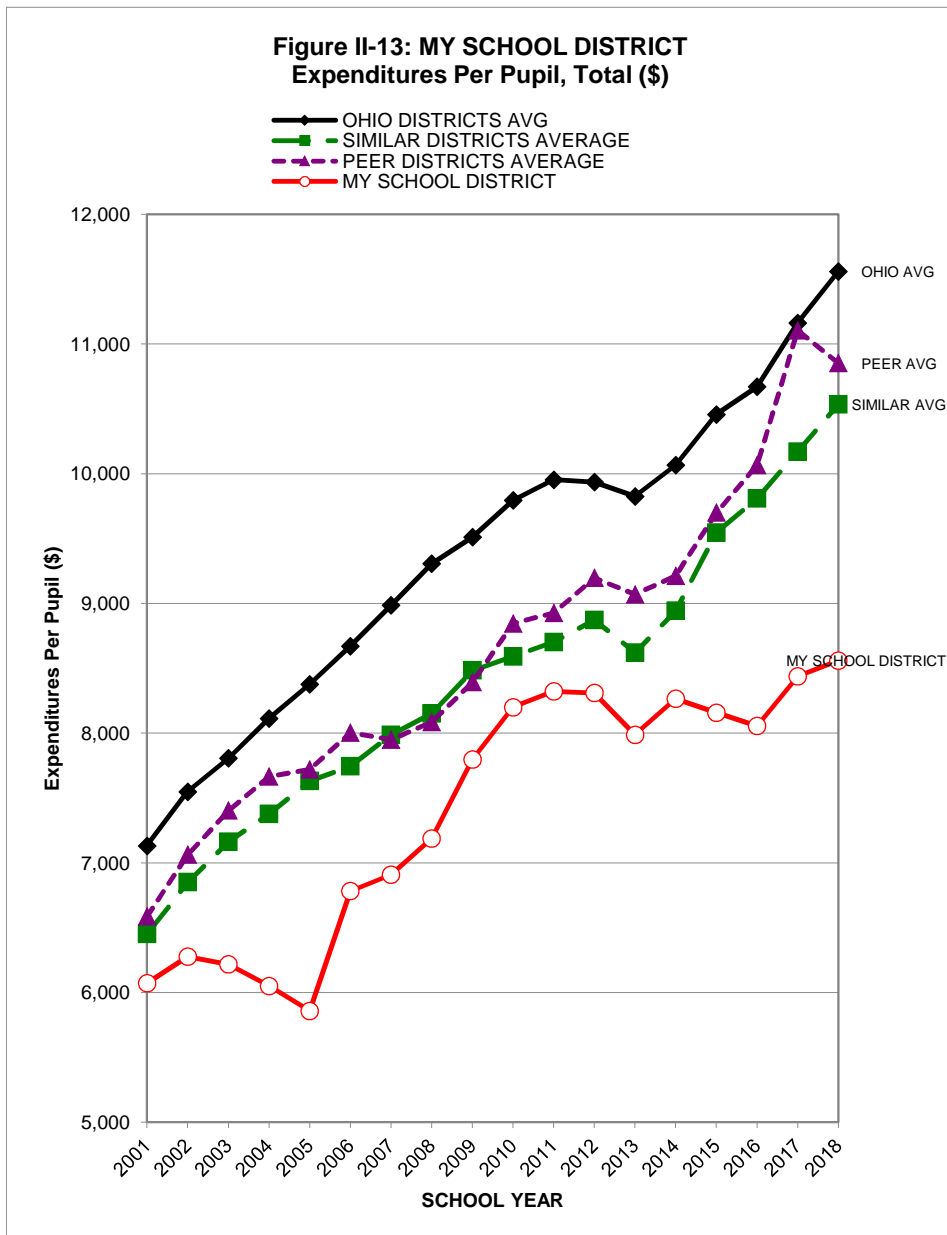
## Revenue Sources

Figures II-7 through II-9 show the historical trend in revenues received from Federal, State, and Local sources.  
 Figures II-10 through II-12 provide the percentage which each of these sources contributes.



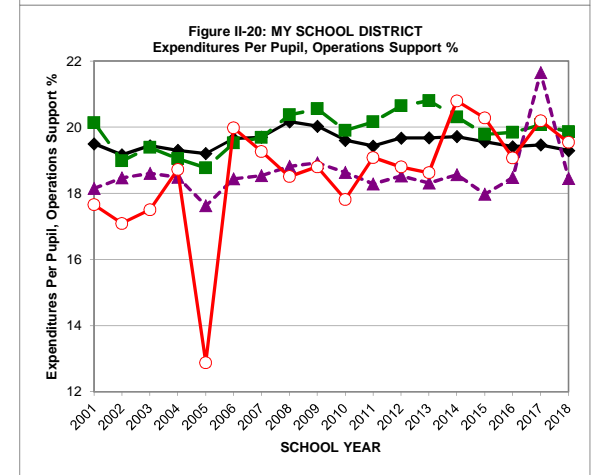
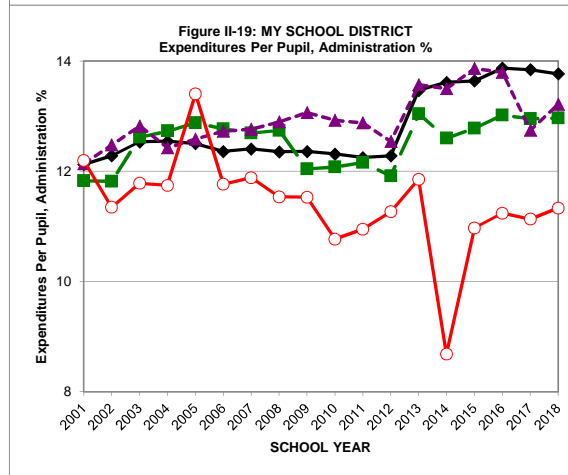
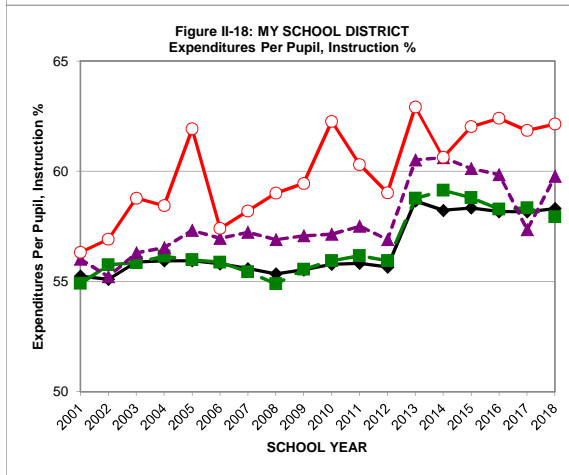
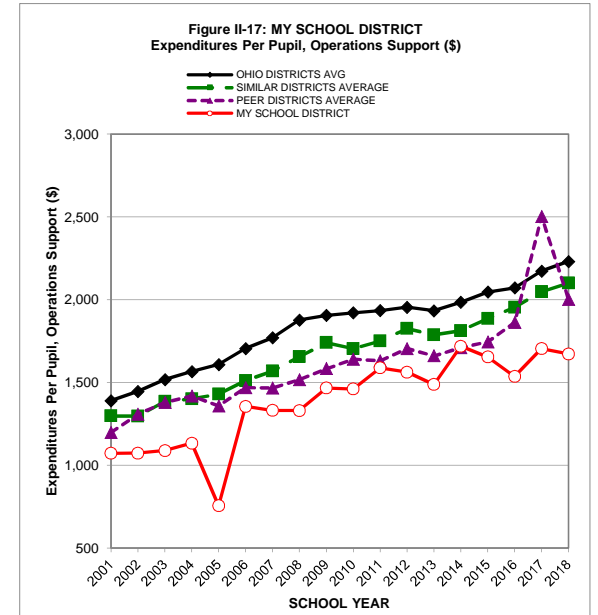
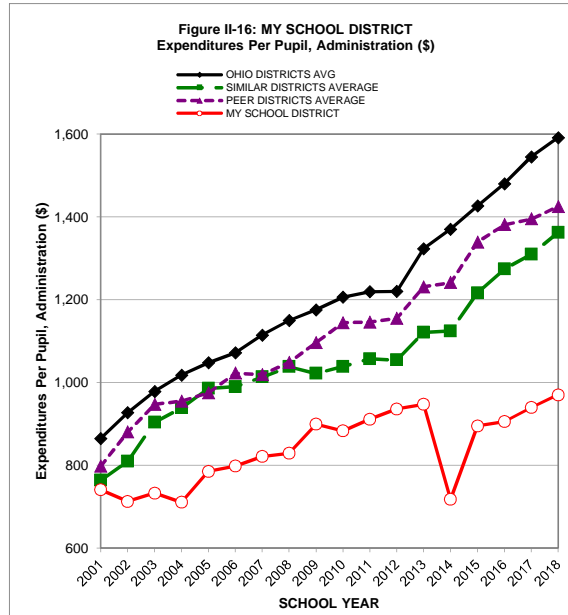
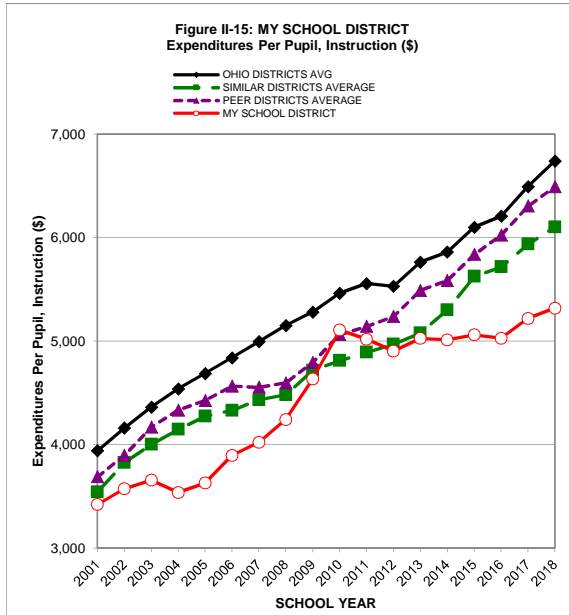
### Expenditures Per Pupil

Figures II-13 shows the trend in Expenditures Per Pupil from 2001 through 2018. The growth in Expenditures per Pupil is provided in Figure II-14, the year 2001 representing 100.

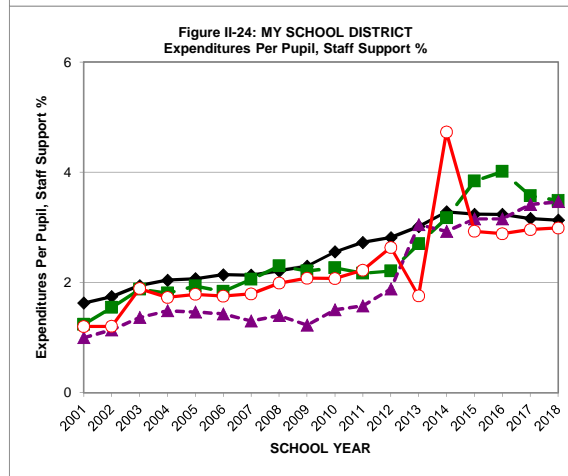
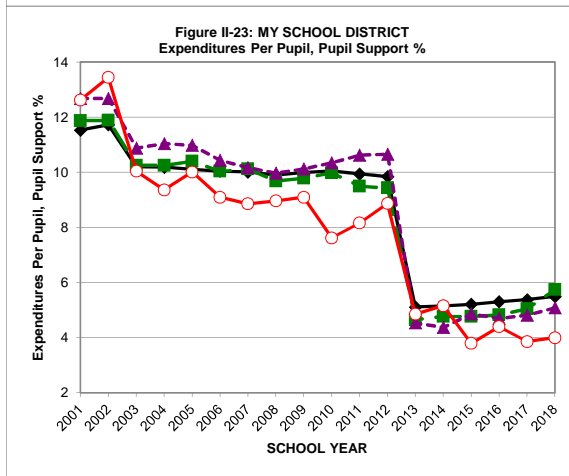
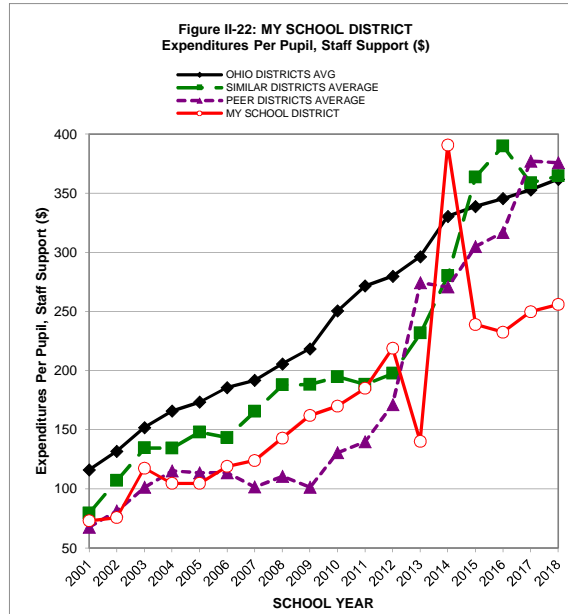
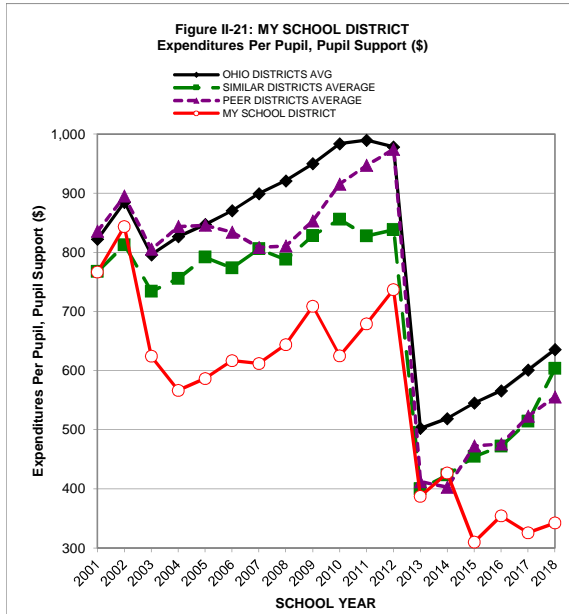


### Expenditure Allocations

Figures II-15 through II-20 show the trend in expenditures allocated to the five categories of Operating Expenses -- Instruction, Administration, Operations Support, Pupil Support, and Staff Support.  
 Figures II-21 through II-24 provide the historical trend in the percentage of total expenditures to each of these categories.

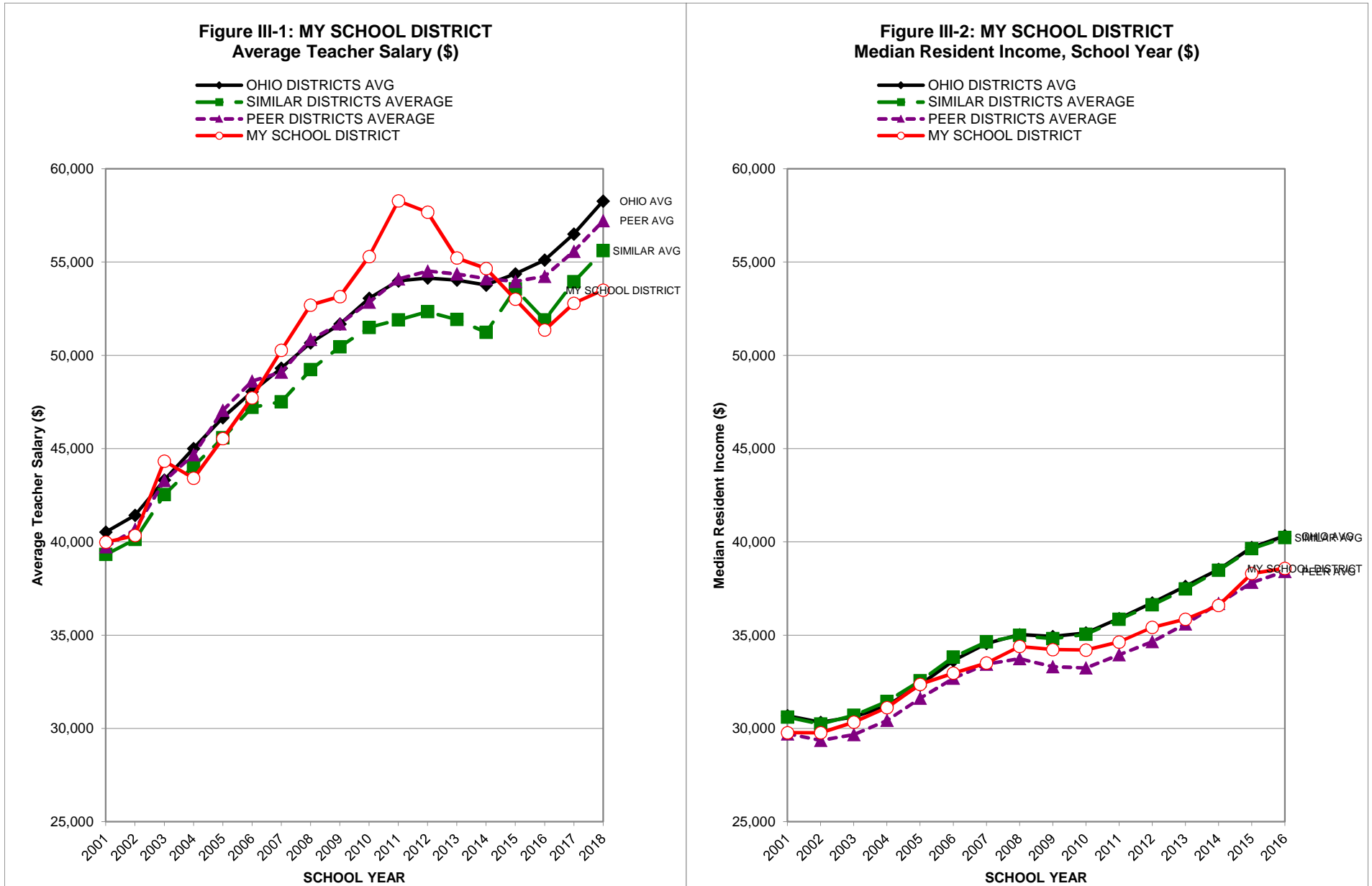


### Expenditure Allocations



### III: Key Expenditure Area Growth -- Teacher Salary and Median Resident Income - Historical Trends

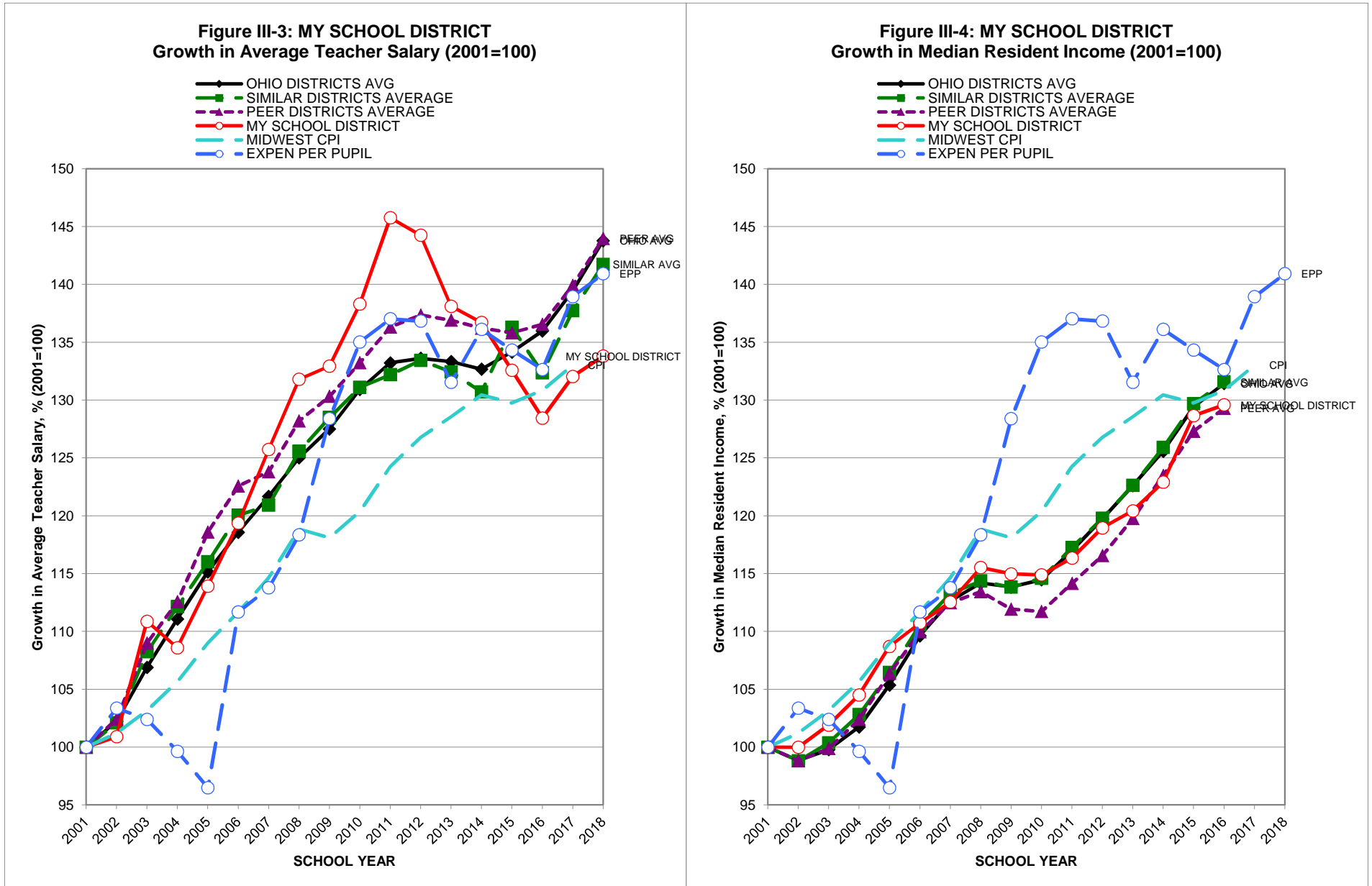
Figure III-1 shows the historical trend in Average Teacher Salary, and Figure III-2 shows the historical trend in Median Resident Income.





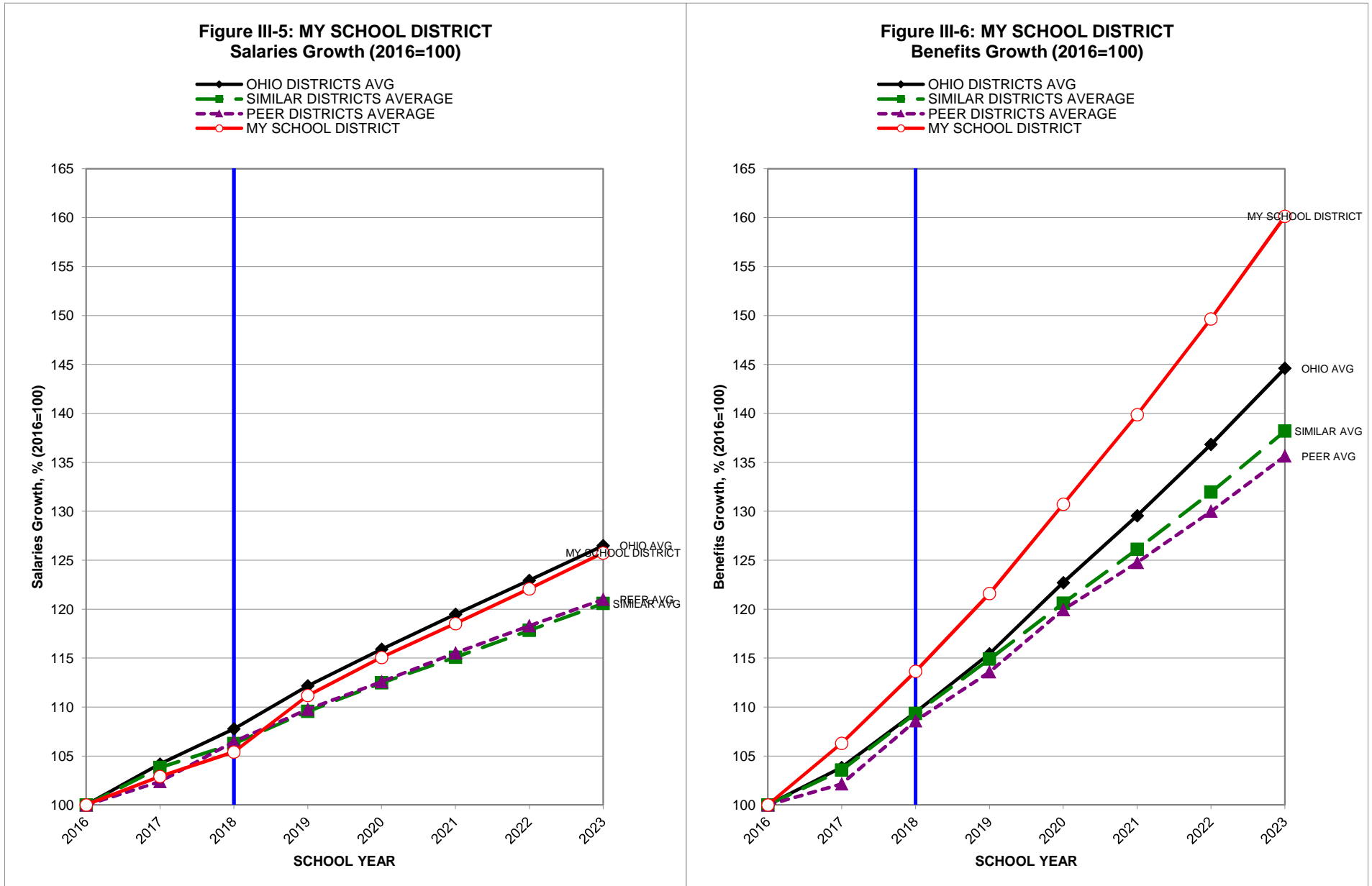
### Teacher Salary and Median Resident Income Growth

Figure III-3 shows the historical growth in Average Teacher Salary, and Figure III-4 shows the historical growth in Median Resident Income



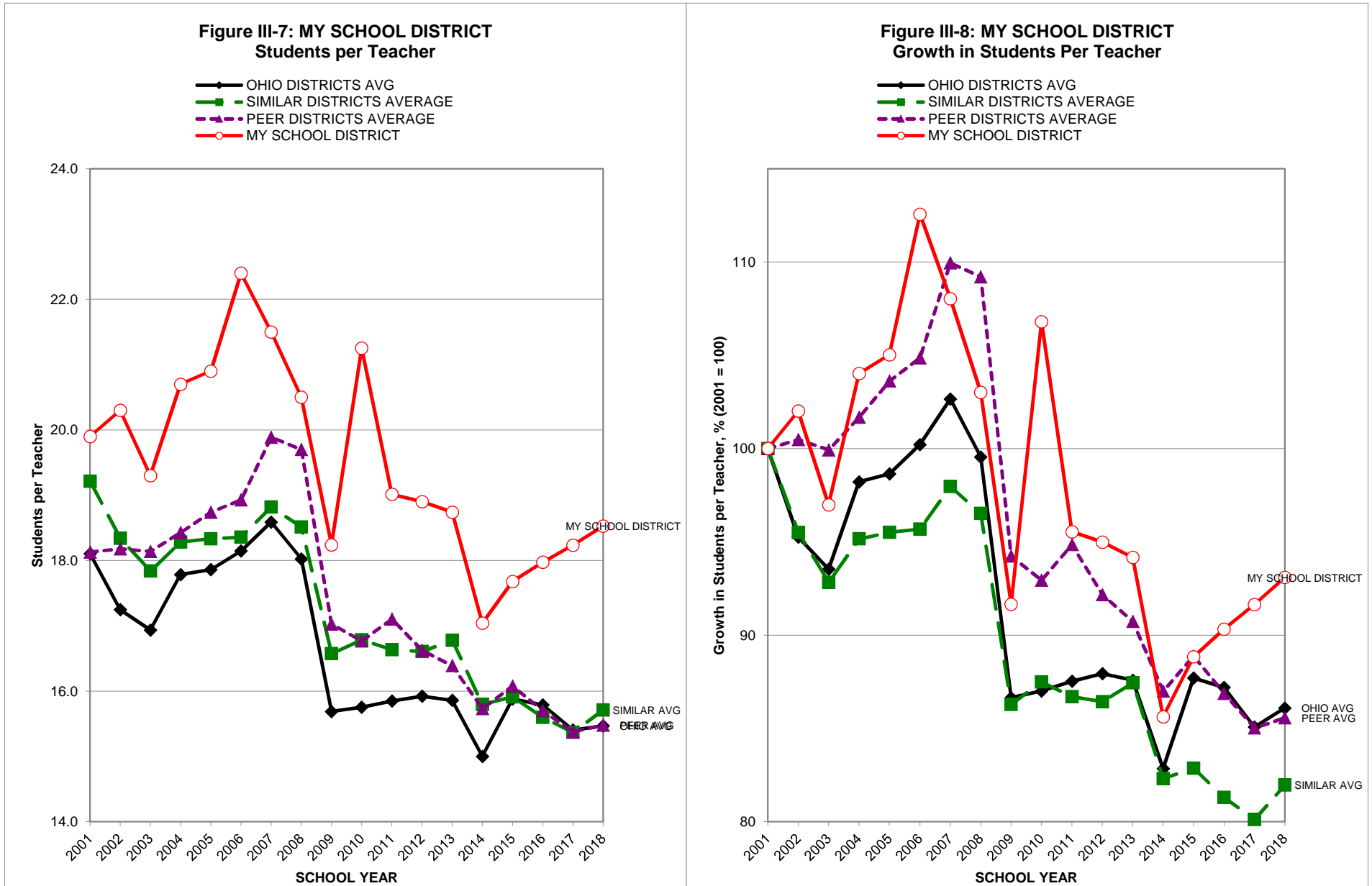
## Salaries and Benefits Projections

Figure III-5 shows the projected trend in Salaries growth for the period 2019-2023 and Figure III-6 shows the projected trend in Benefits growth for that same period.



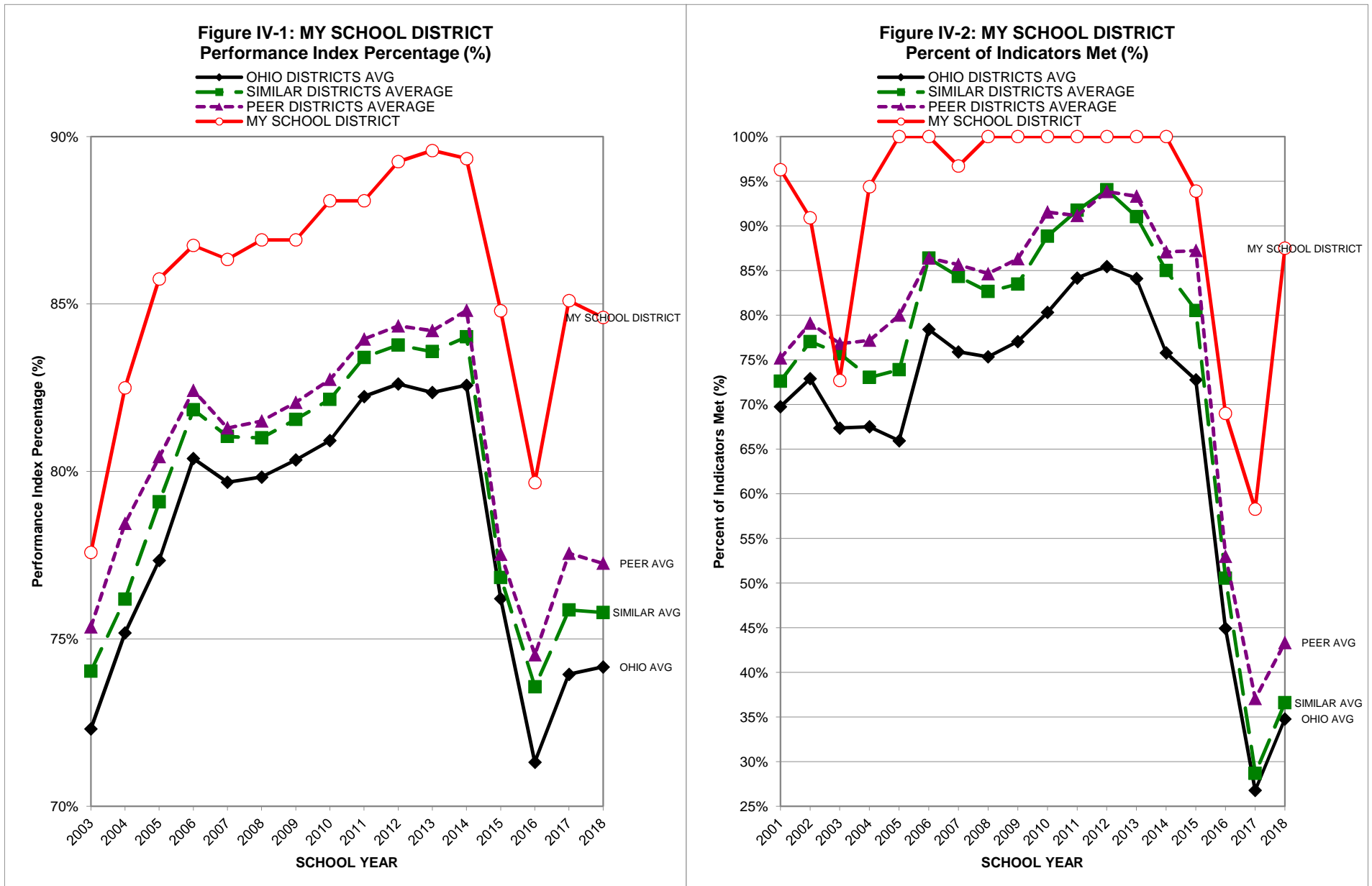
### Students per Teacher

Figure III-7 shows the historical trend in Students per Teacher, and Figure III-8 shows the historical growth in Students per Teacher.



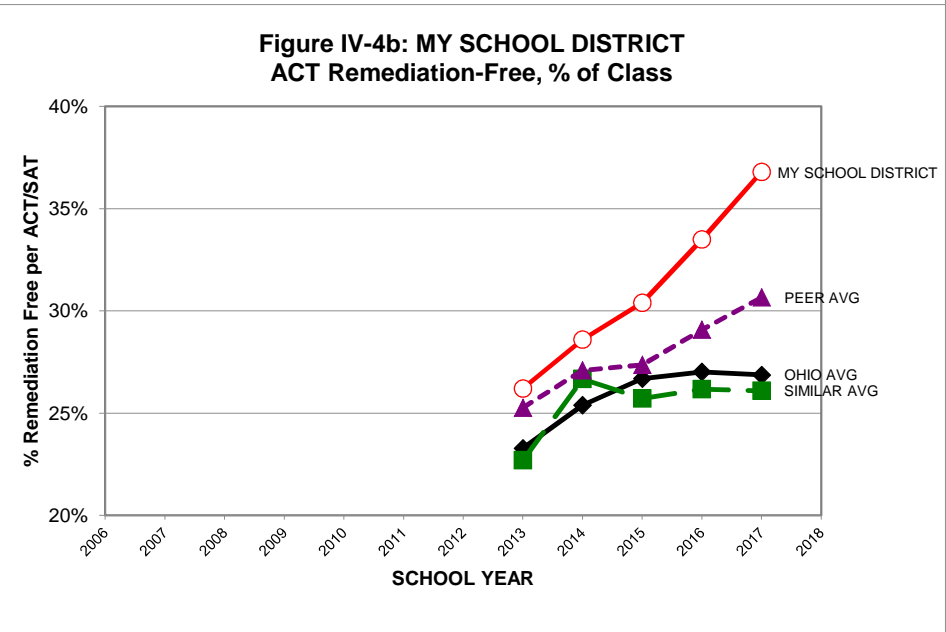
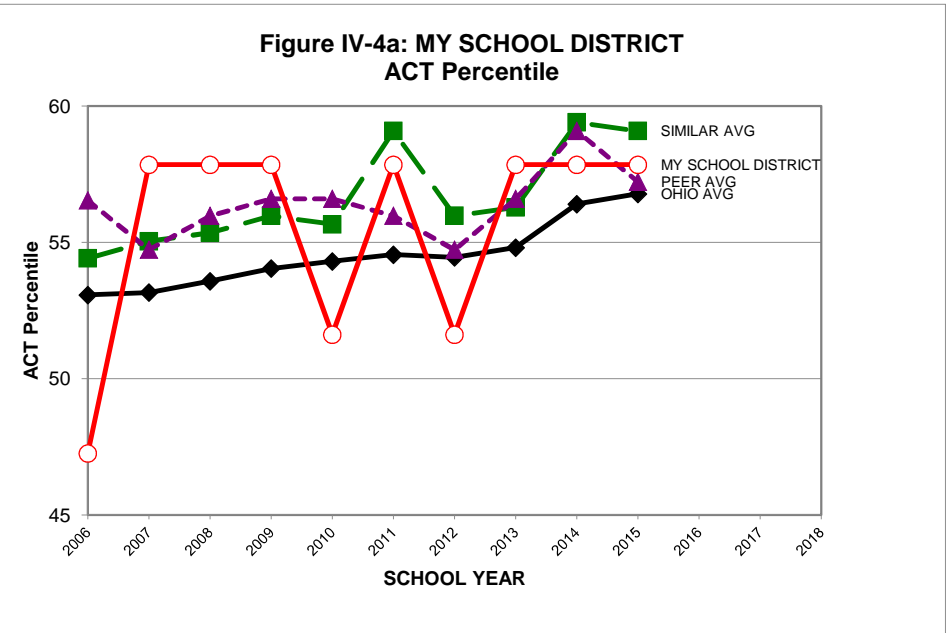
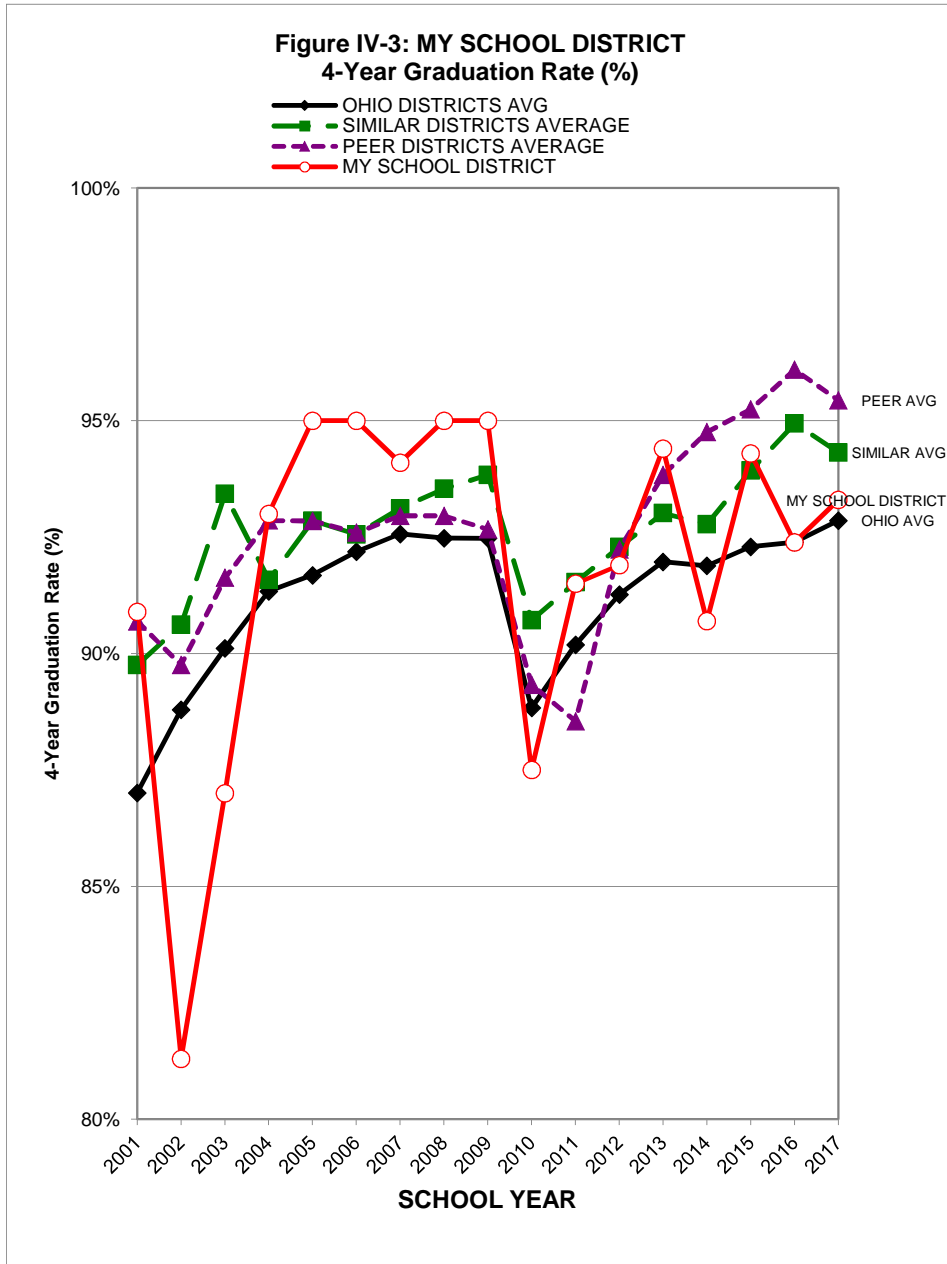
**IV: Key Performance Historical Data -- Composite Performance Data**

Figures IV-1 and IV-2 show the historical trends as reported by ODE in its Report Cards for Performance Index Percentage and Percent of Indicators Met.



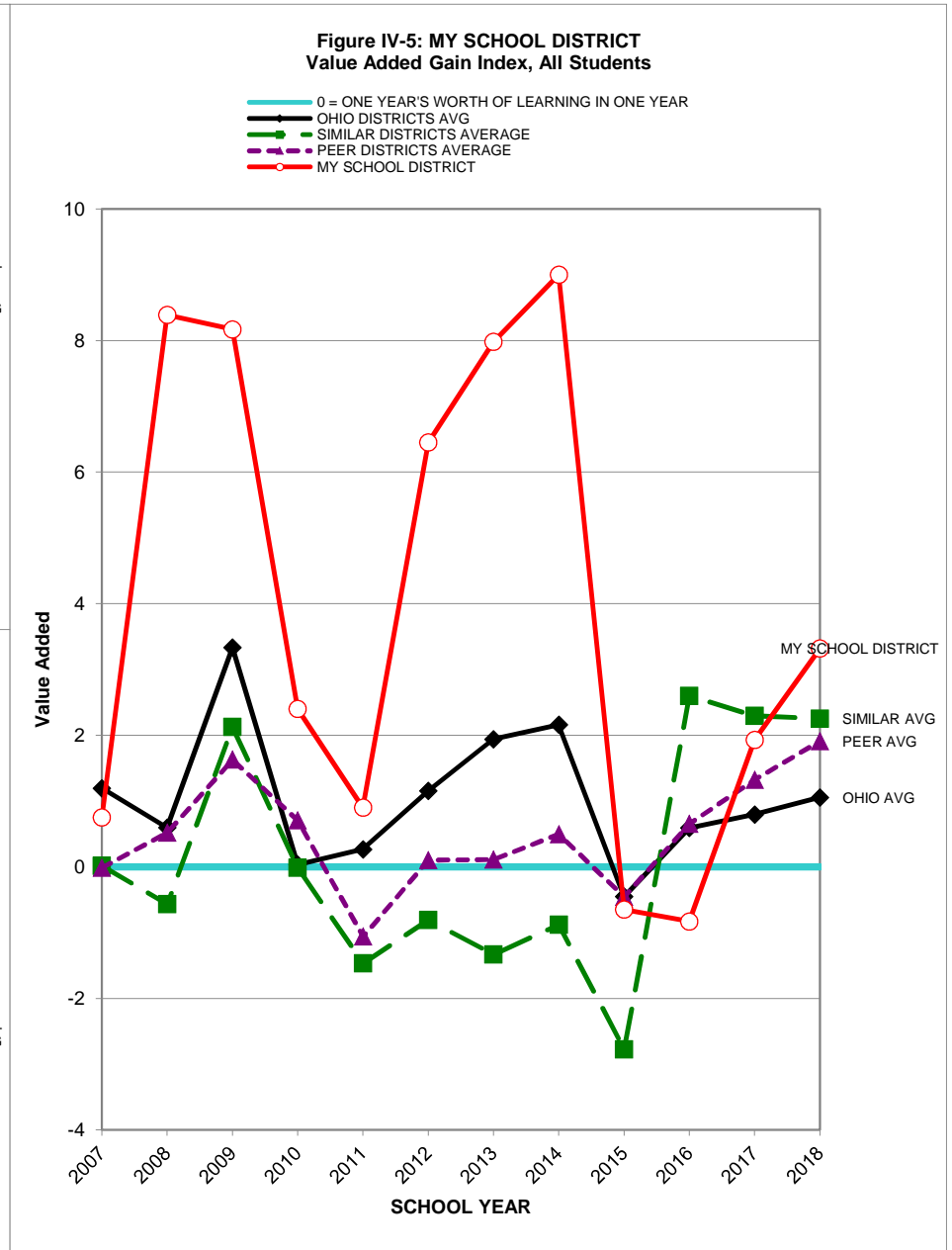
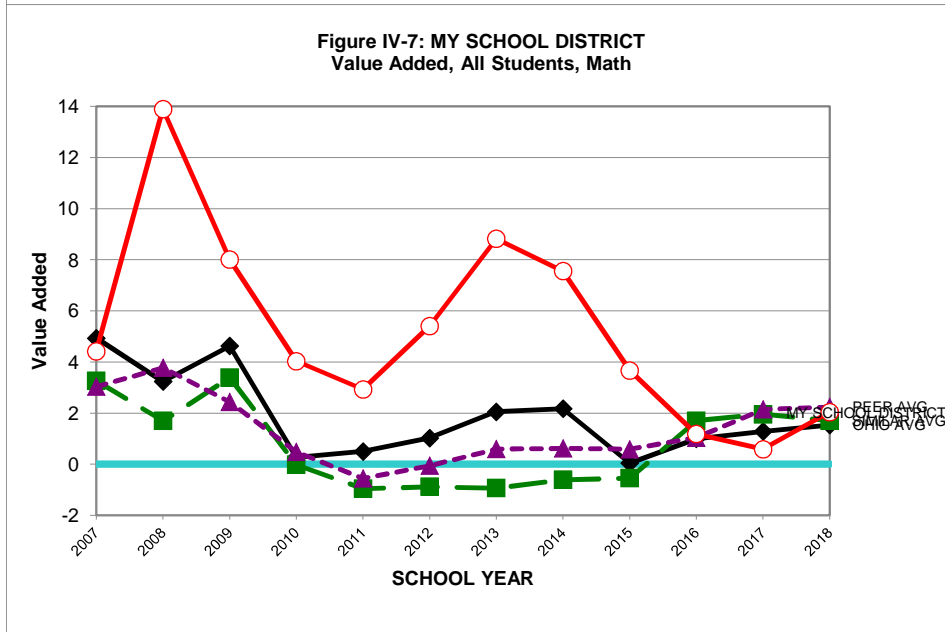
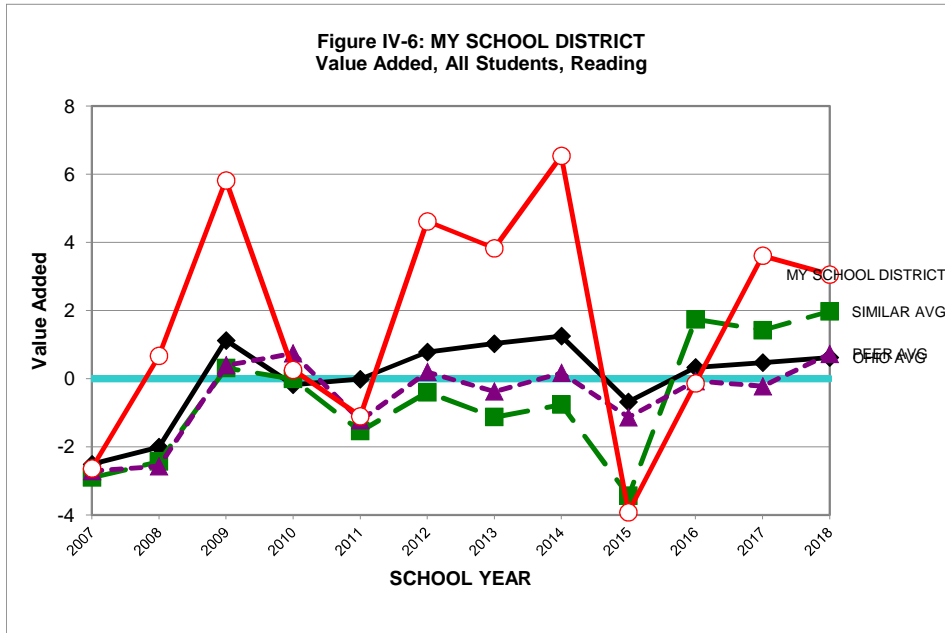
### Composite Performance Data

Figures IV-3 and IV-4 show the historical trends as reported by ODE in its Report Cards for the 4-Year Graduation Rate, ACT Percentile, and % Remediation Free per the ACT/SAT.



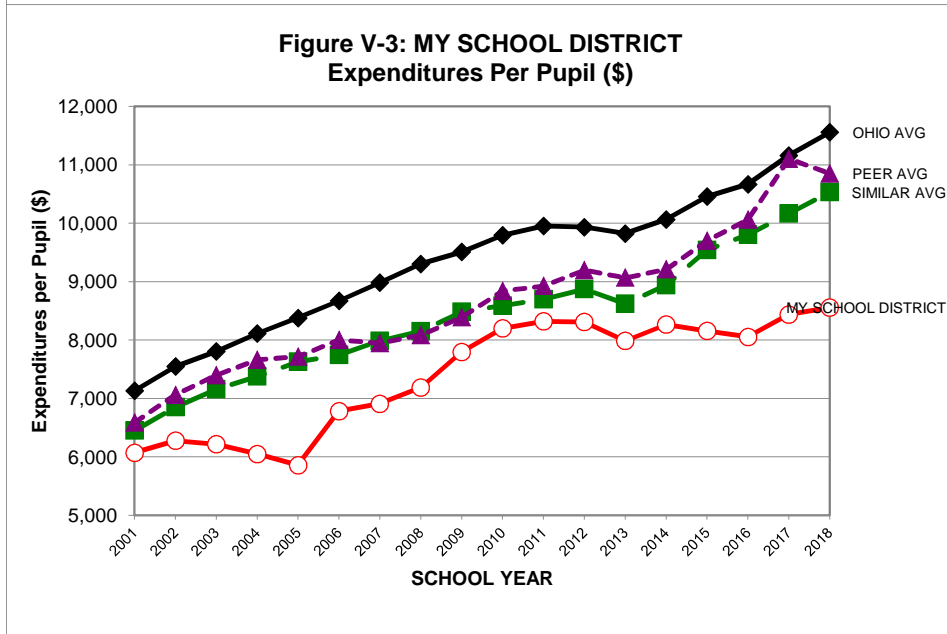
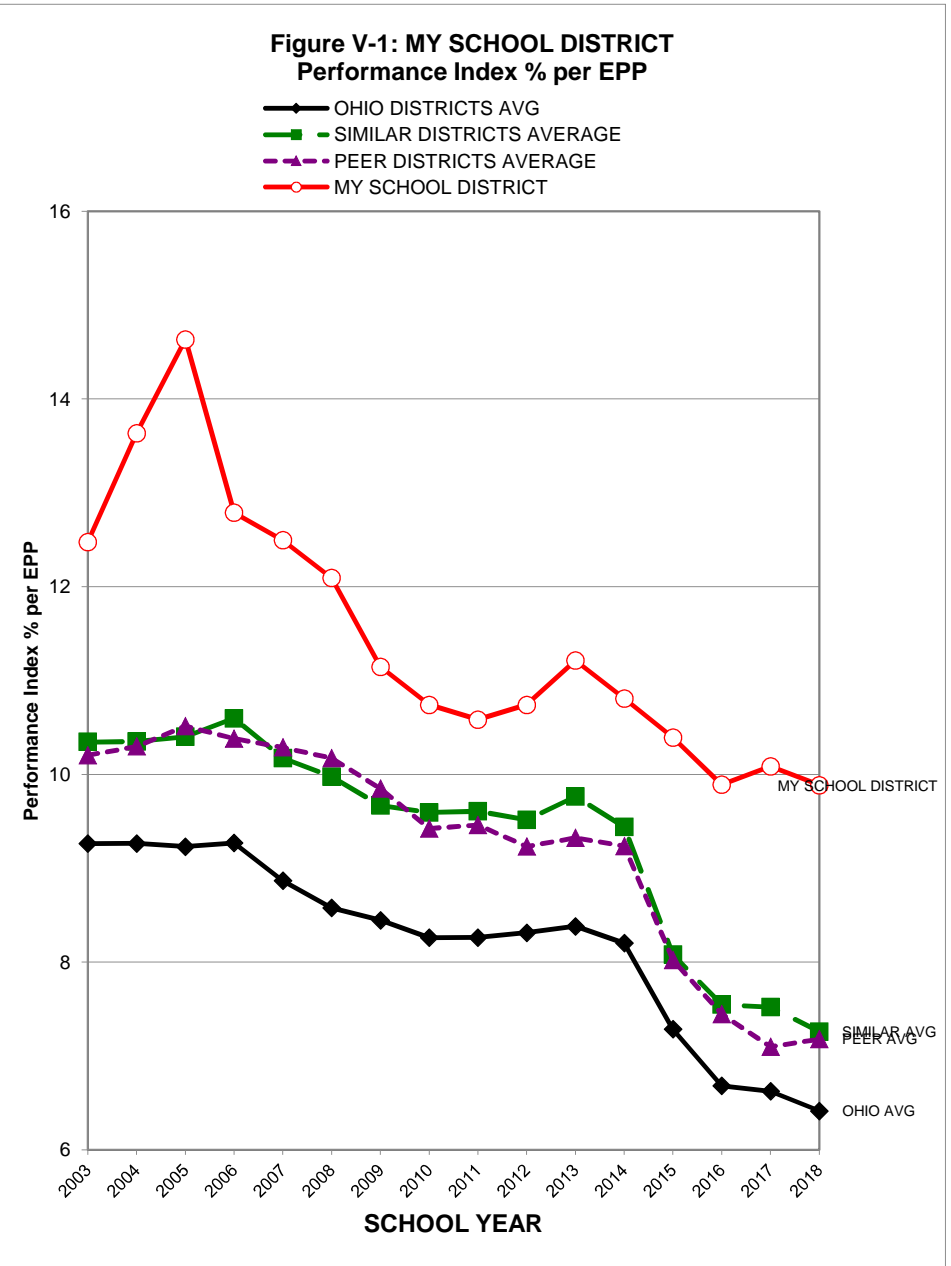
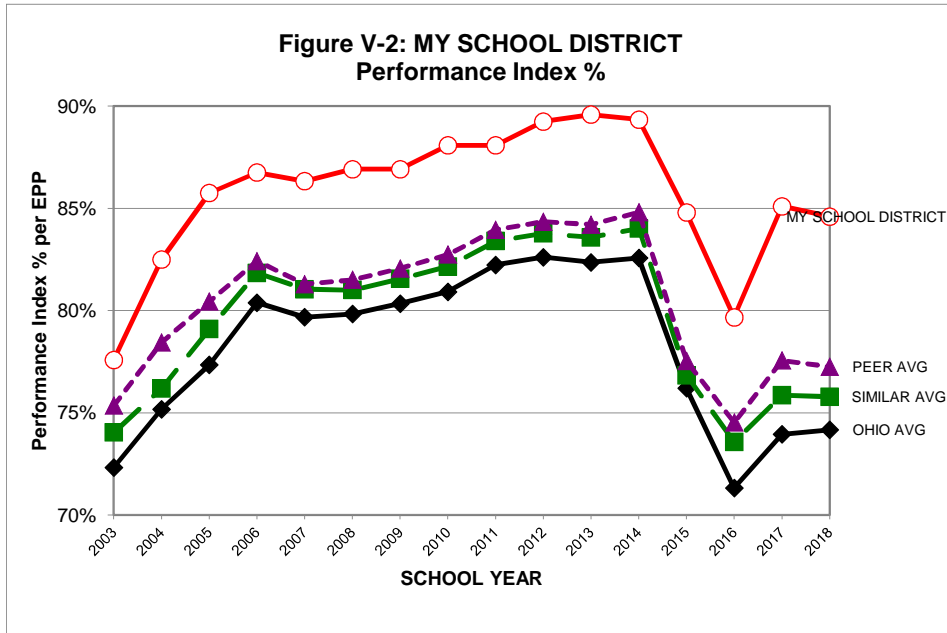
### Composite Performance Data

Figures IV-5, IV-6 AND IV-7 show the historical trends as reported by ODE in its Report Cards for the Value Added Gain Indices for Reading, Math, and Overall.



### V: Return on Investment Figures - Performance Index Percentage

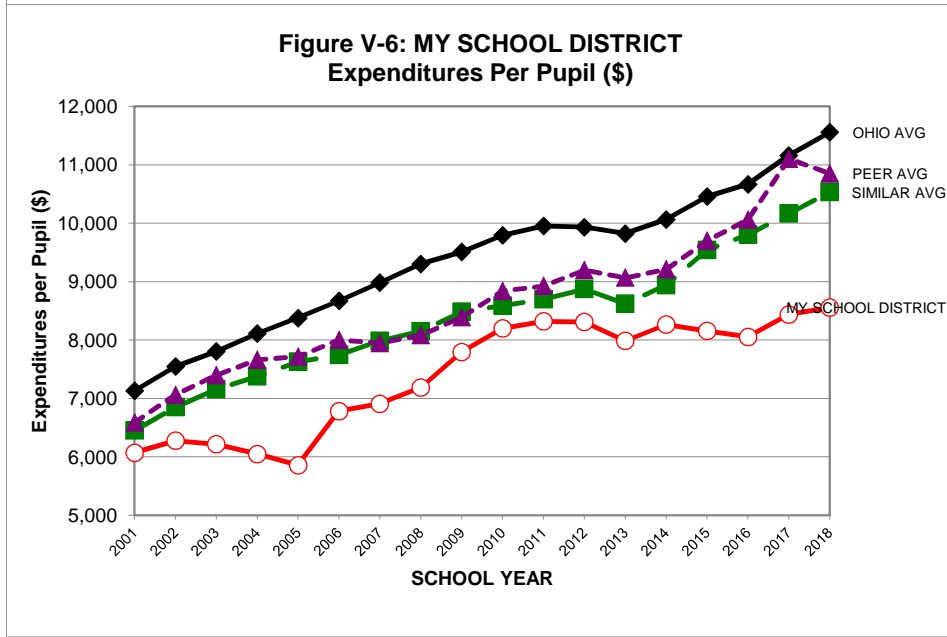
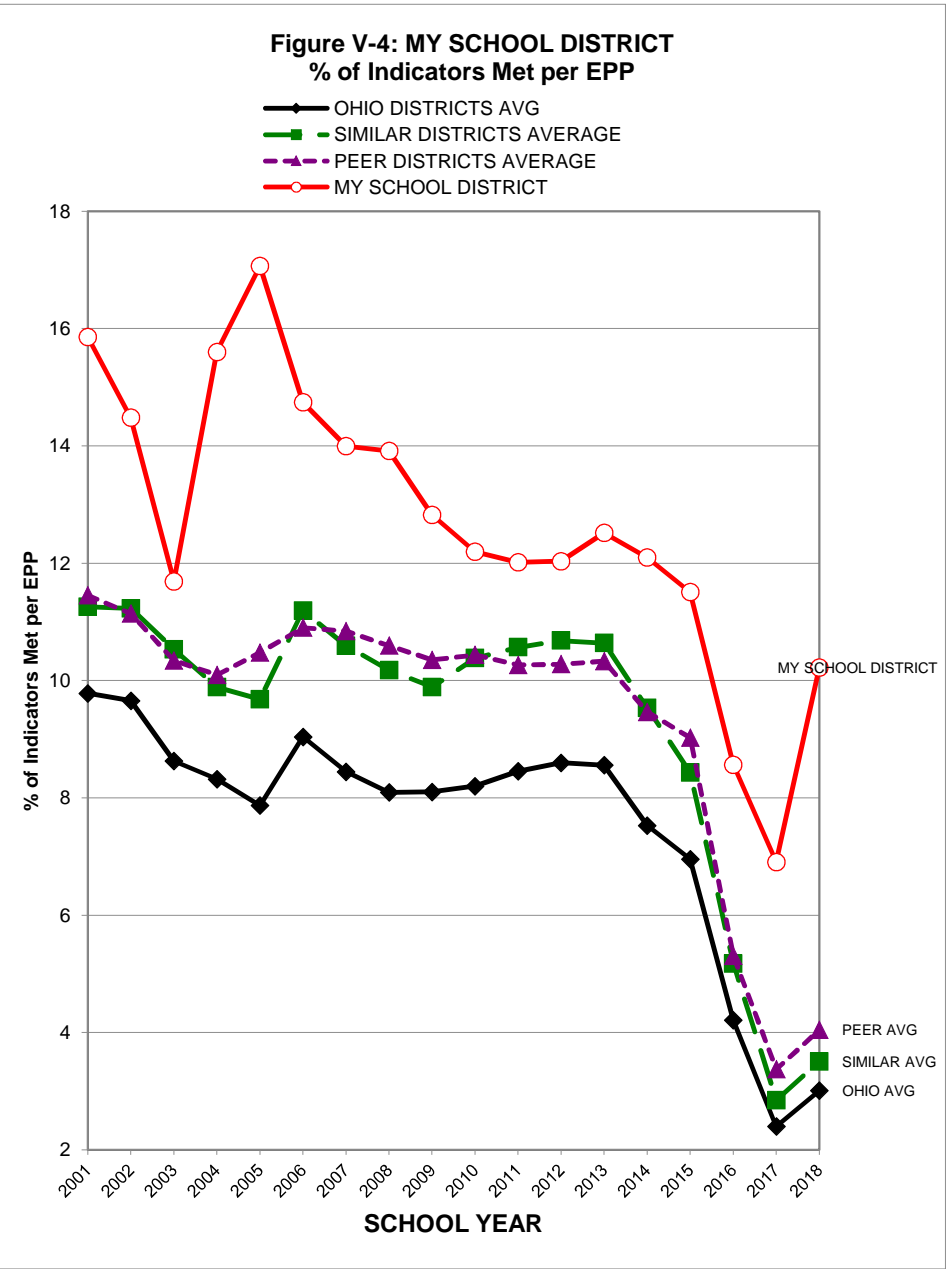
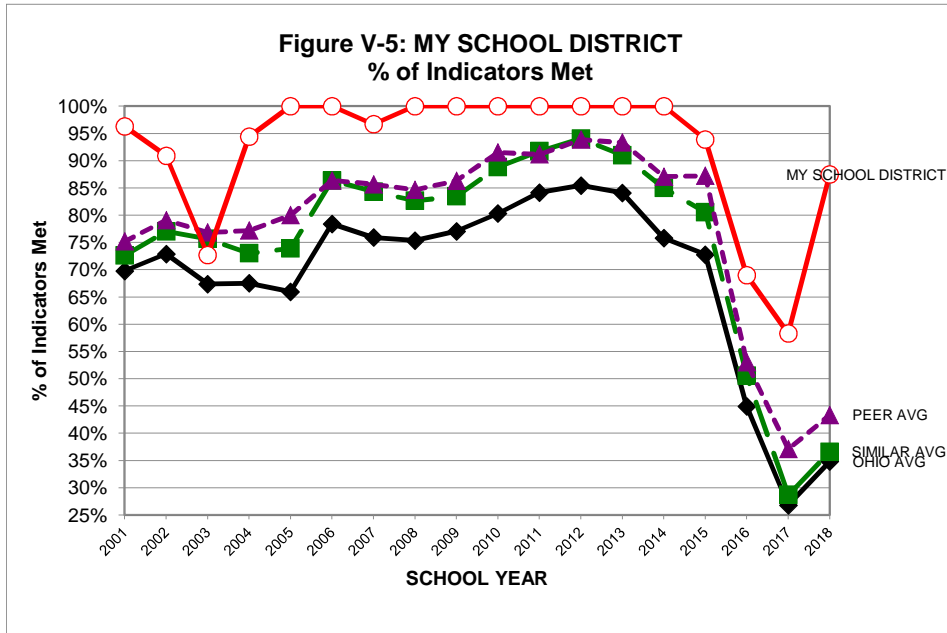
Figure V-1 shows the historical trend in Return on Investment based on the Performance Index Percent (Figure V-2) and Expenditures per Pupil (Figure V-3)





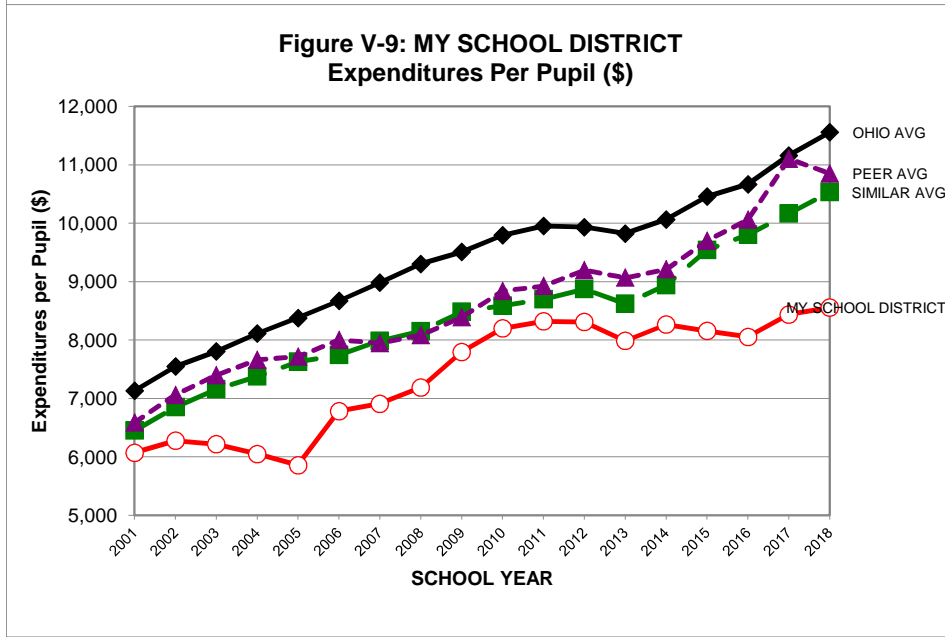
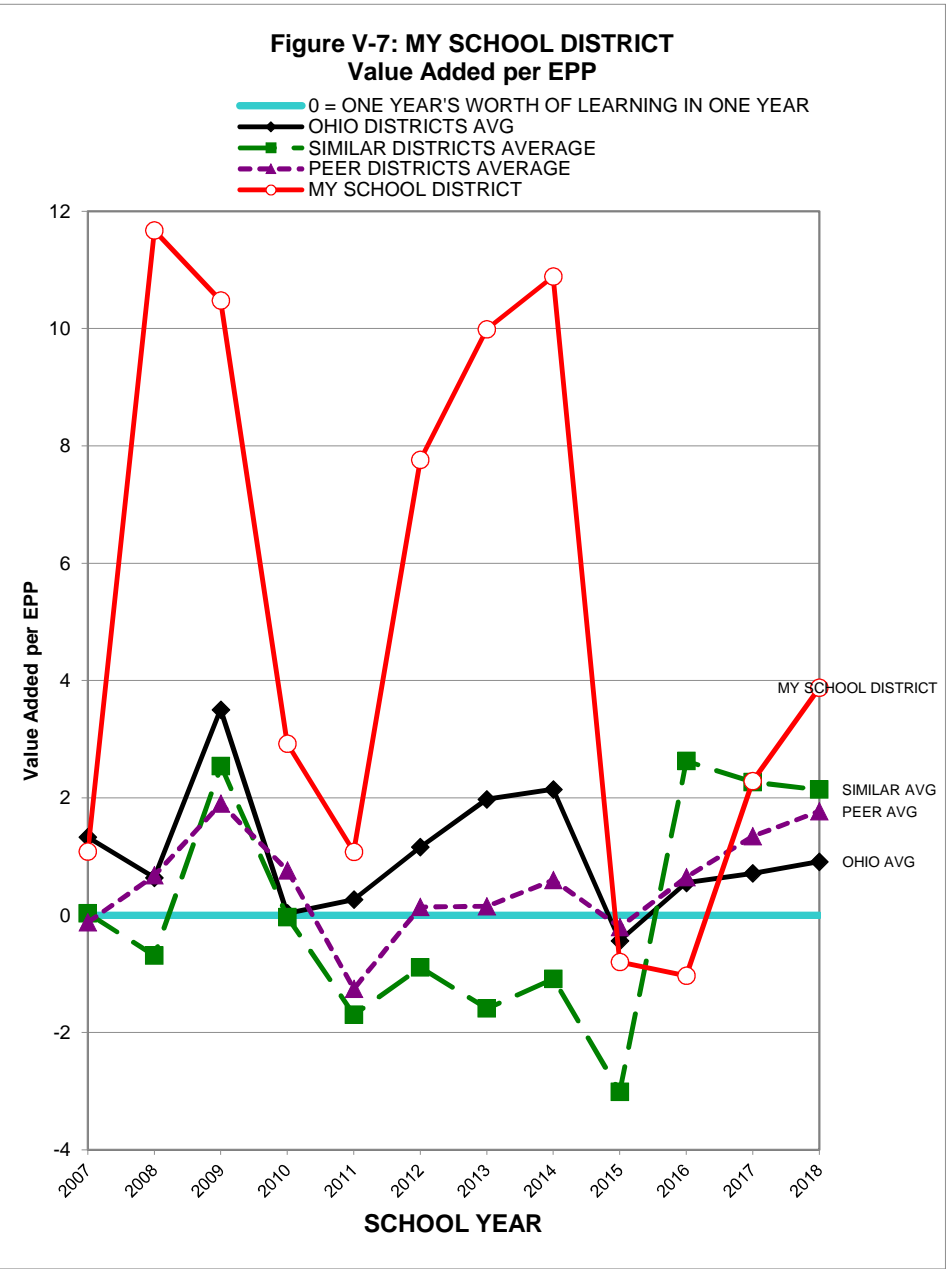
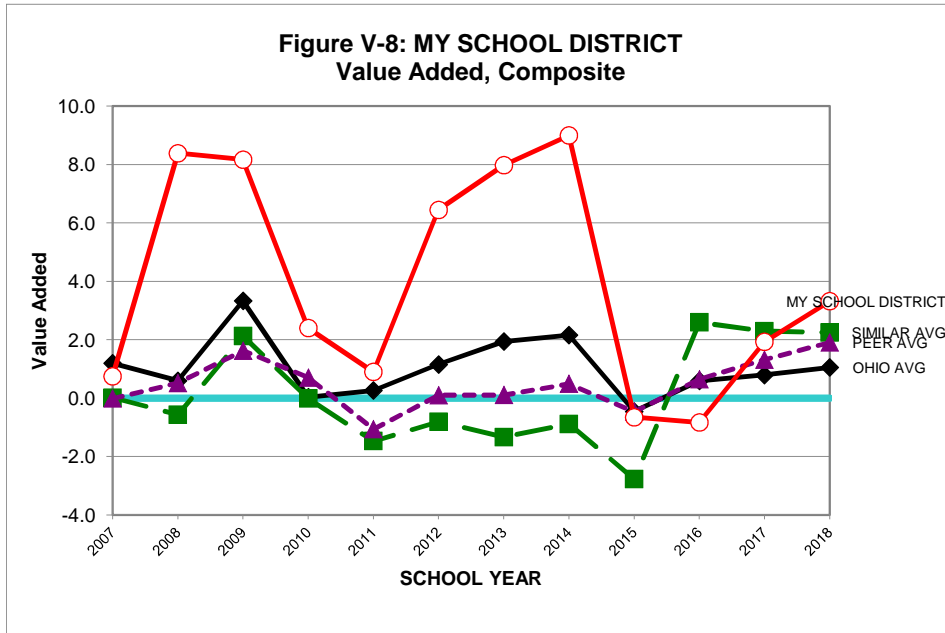
### Return on Investment Figures - Percent of Indicators Met

Figure V-4 shows the historical trend in Return on Investment based on the Percent of Indicators Met (Figure V-5) and Expenditures per Pupil (Figure V-6)



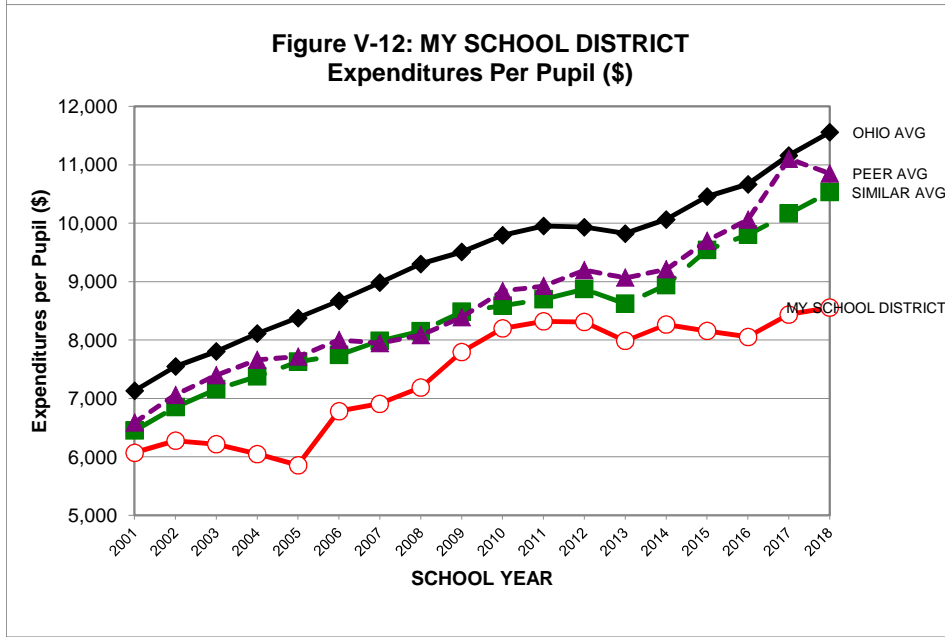
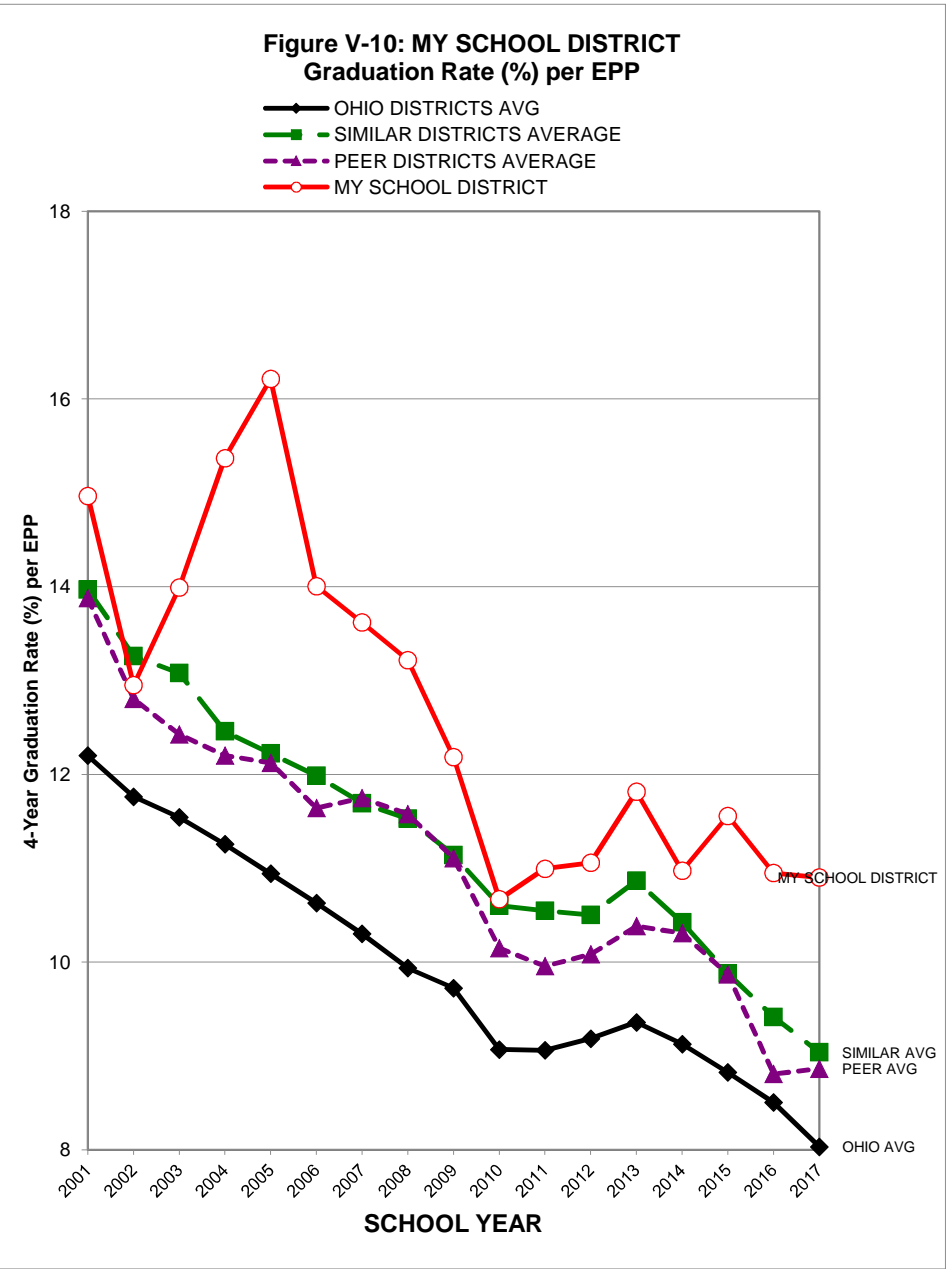
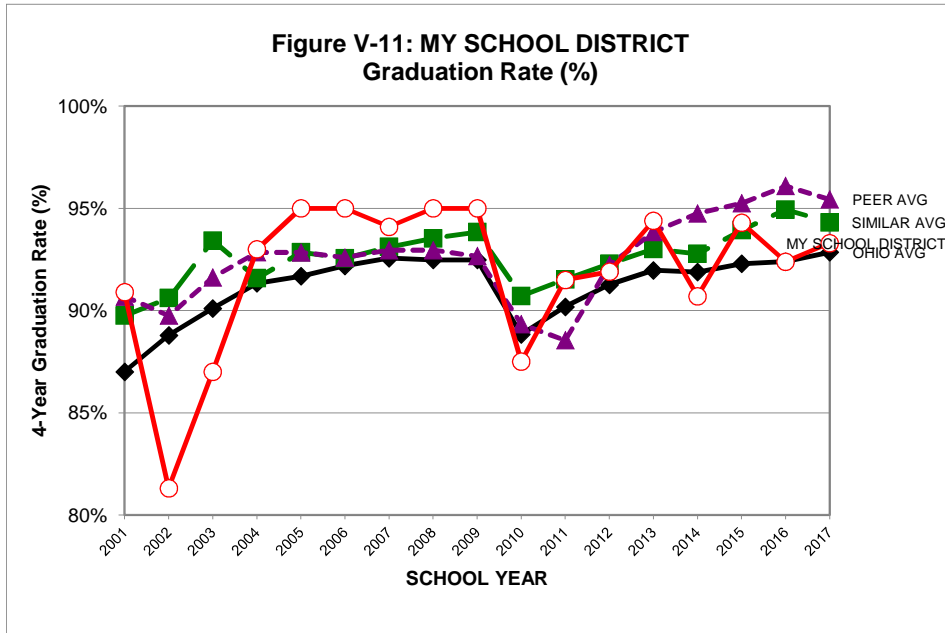
### Return on Investment Figures - Value Added Gain Index

Figure V-7 shows the historical trend in Return on Investment based on the Overall Value Added Gain Index (Figure V-8) and Expenditures per Pupil (Figure V-9)



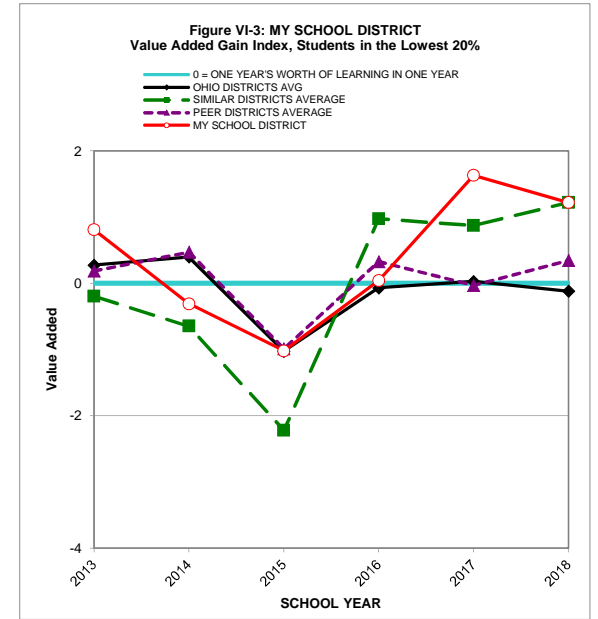
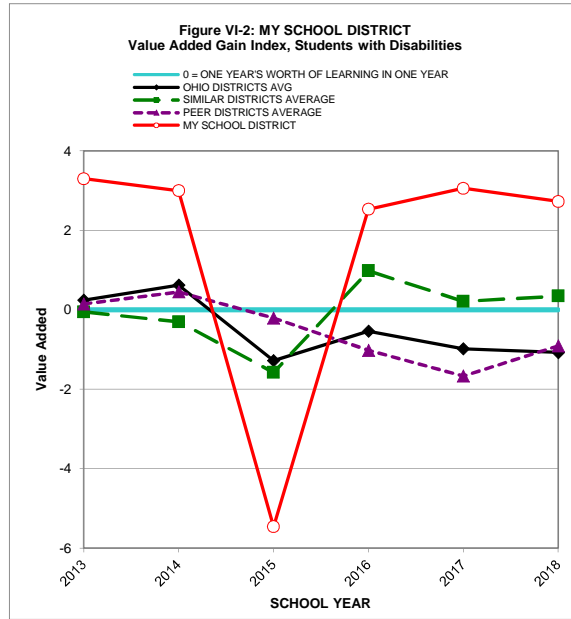
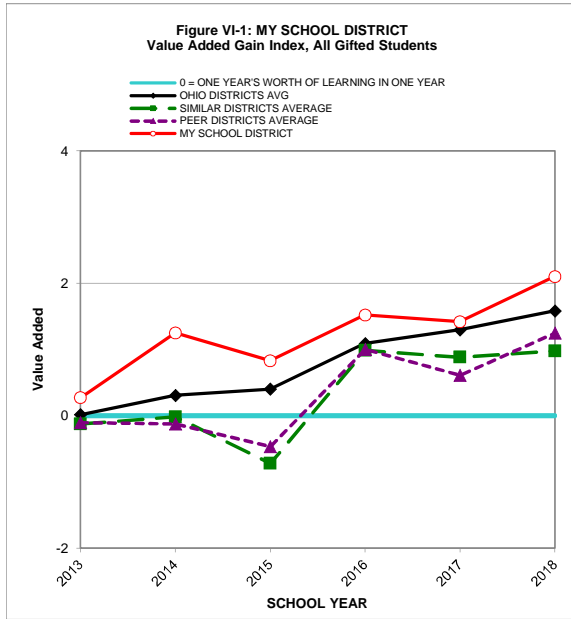
### Return on Investment Figures - 4 Year Graduation Rate

Figure V-10 shows the historical trend in Return on Investment based on the 4-Year Graduation Rate (Figure V-11) and Expenditures per Pupil (Figure V-12)



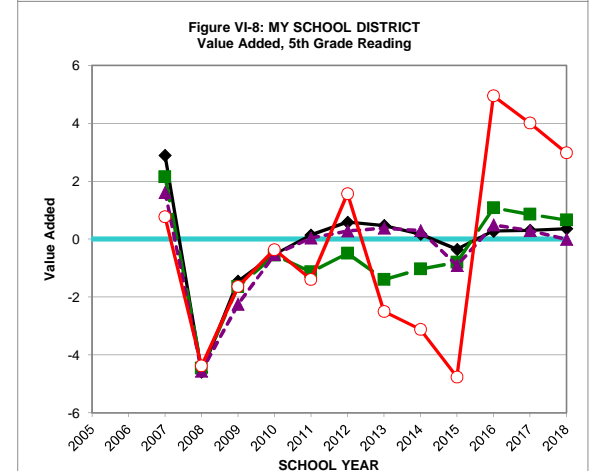
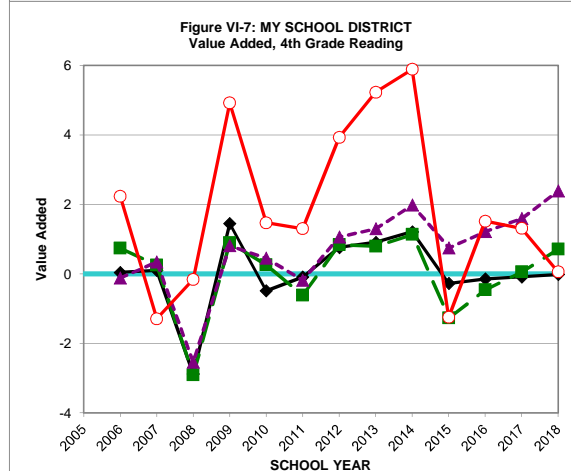
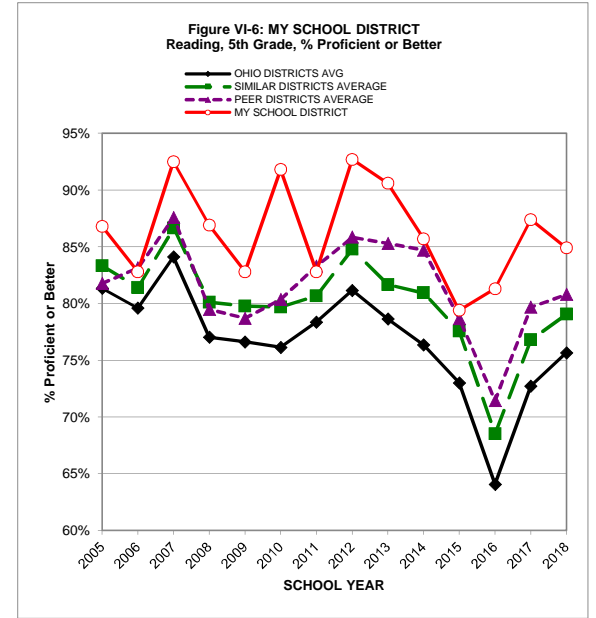
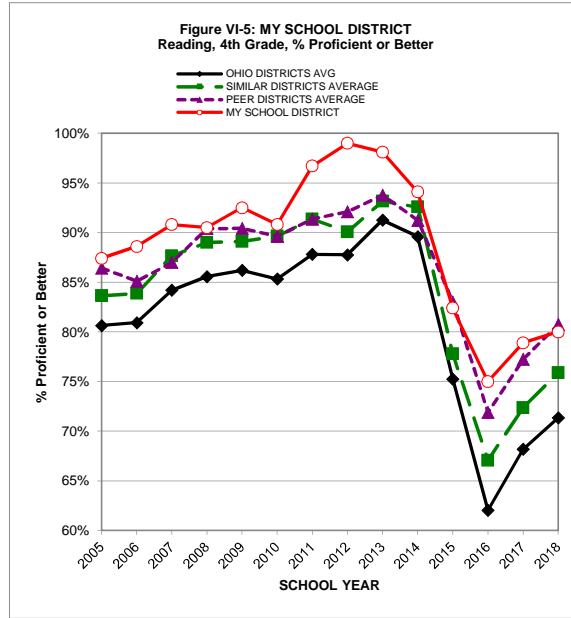
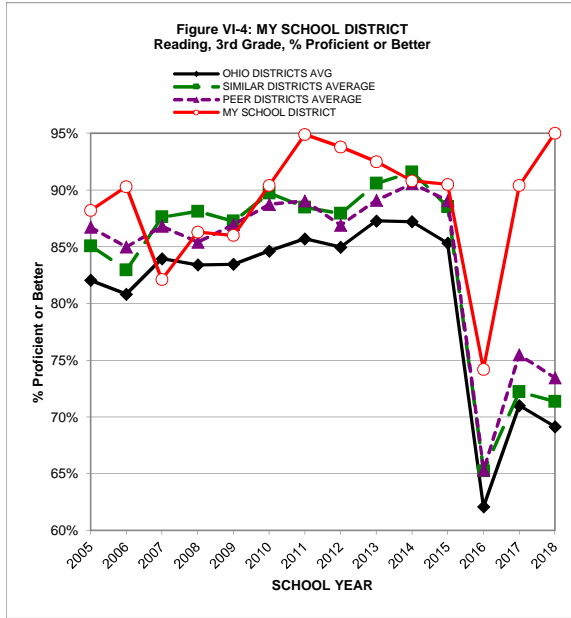
**VI: Detailed Performance Data - Value Added Subgroups**

Figures VI-1, VI-2, and VI-3 show the historical trend in Value Added Gain Index for All Gifted Students, Students with Disabilities, and Students in the Lowest 20%, respectively.



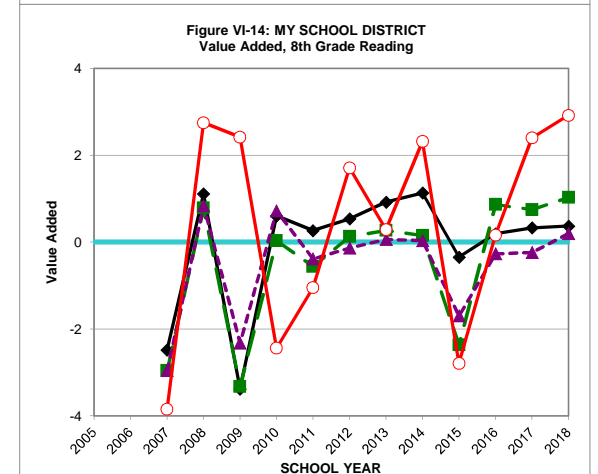
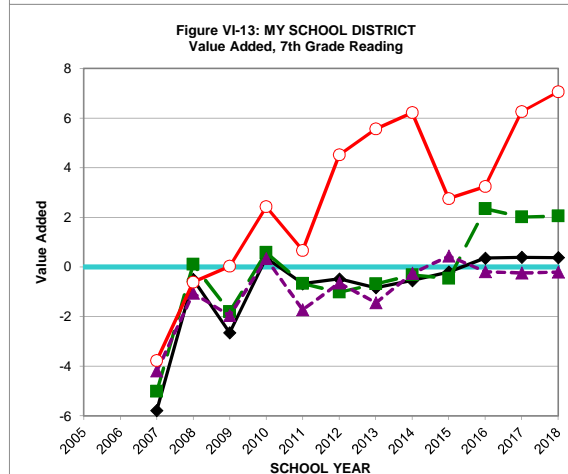
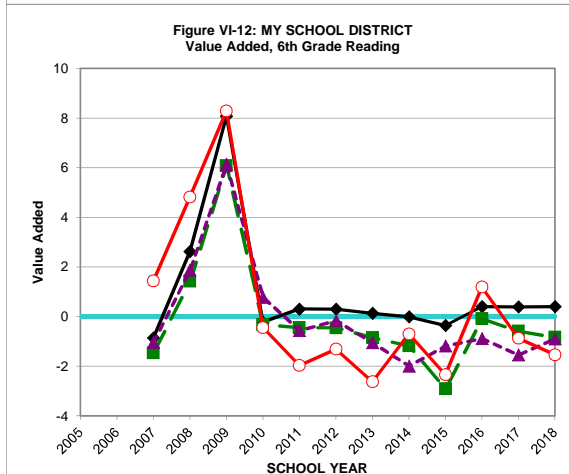
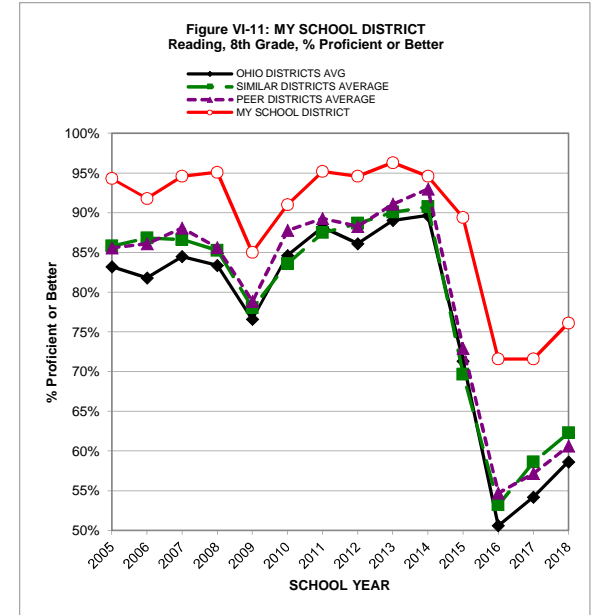
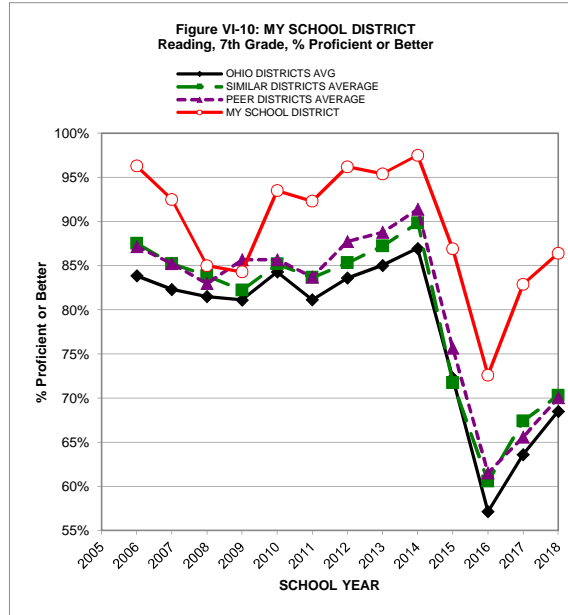
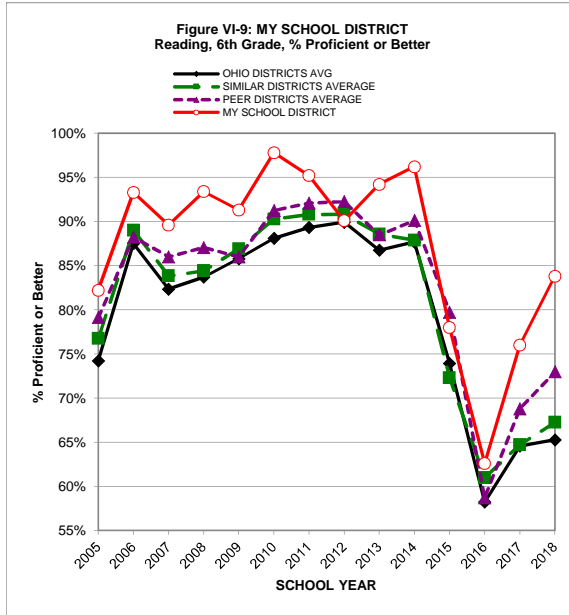
Detailed Performance Data - Reading

Figures VI-4, VI-5, and VI-6 show the historical trend in Reading for the 3rd, 4th, and 5th grades, respectively. Figures VI-7 and VI-8 show the historical trend in Value Added for Reading for 4th and 5th grades, respectively.



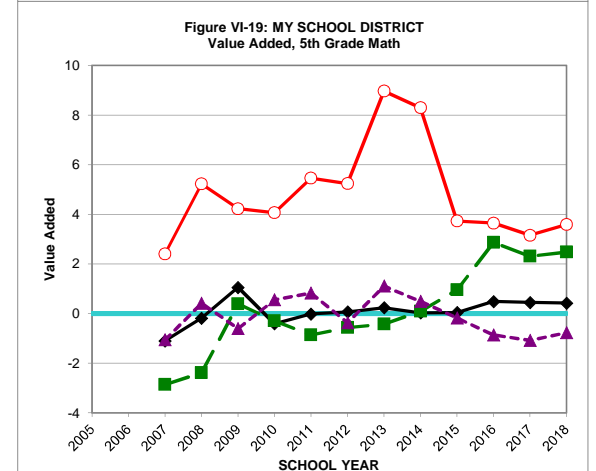
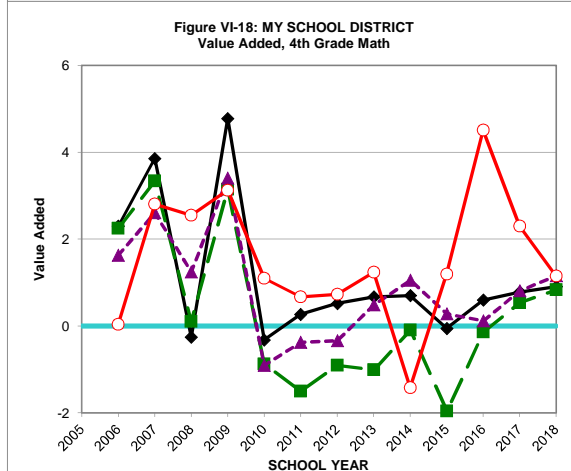
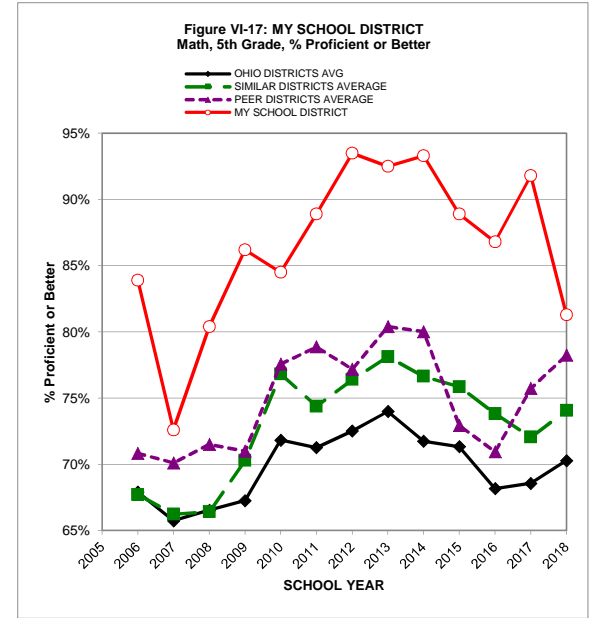
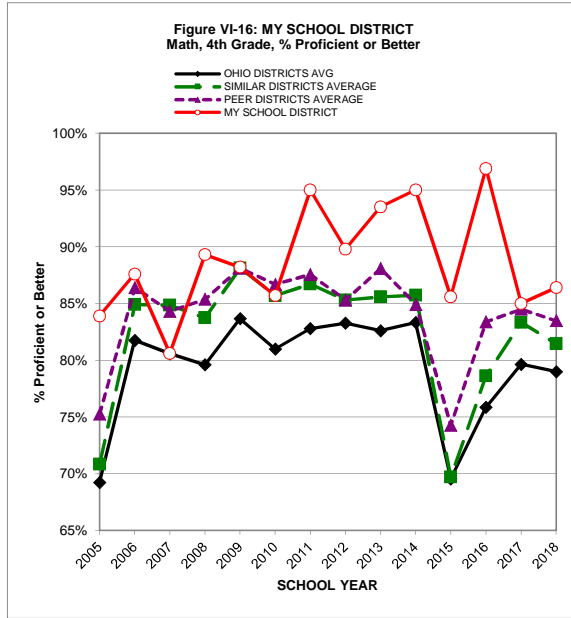
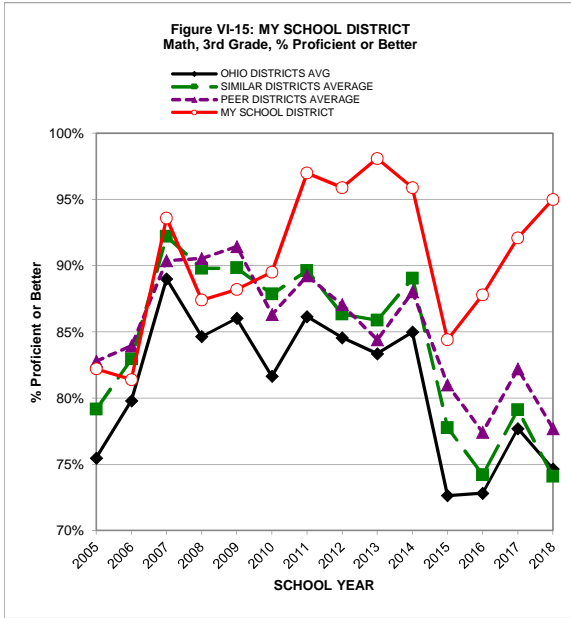
Detailed Performance Data - Reading

Figures VI-9, VI-10, and VI-11 show the historical trend in Reading for the 6th, 7th, and 8th grades, respectively. Figures VI-12, VI-13, VI-14 show the historical trend in Value Added for Reading for those grades.



Detailed Performance Data - Math

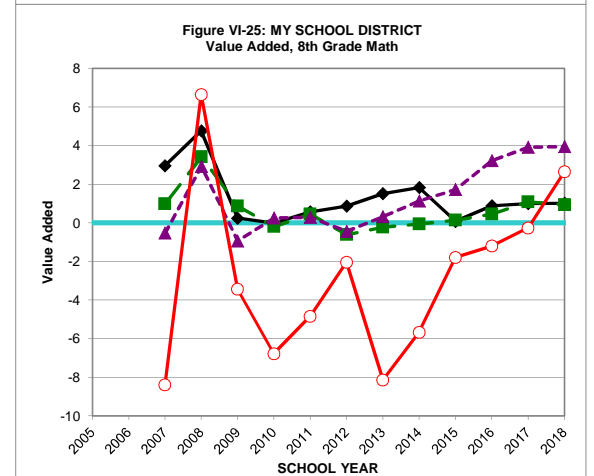
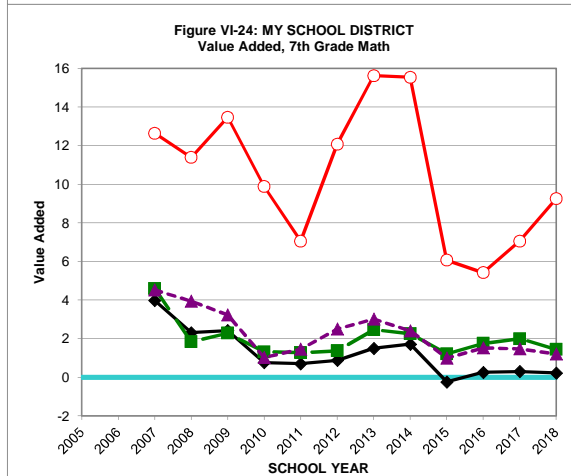
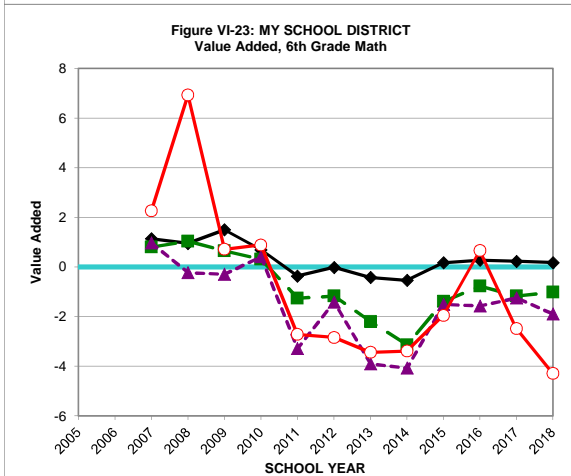
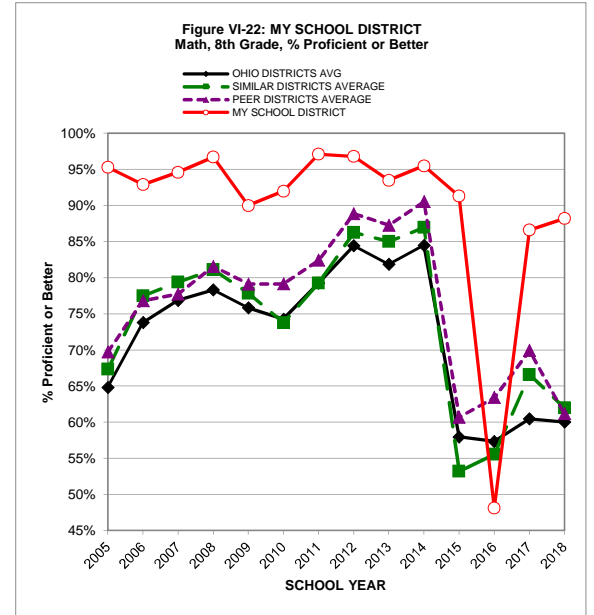
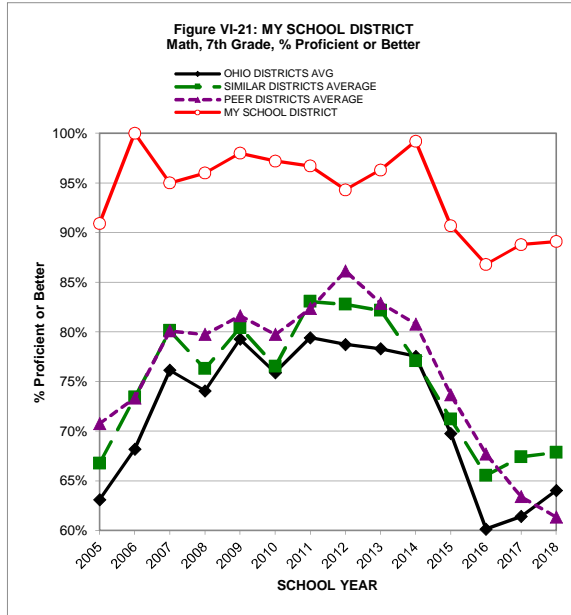
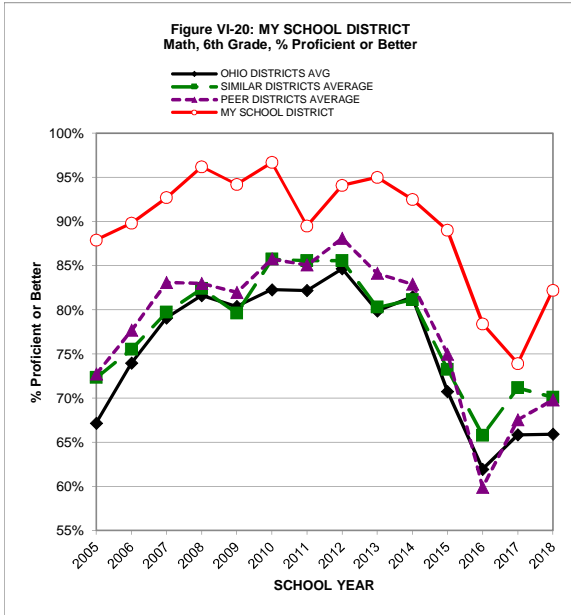
Figures VI-15, VI-16, and VI-17 show the historical trend in Math for the 3rd, 4th, and 5th grades, respectively. Figures VI-18 and VI-19 show the historical trend in Value Added for Math for 4th and 5th grades, respectively.





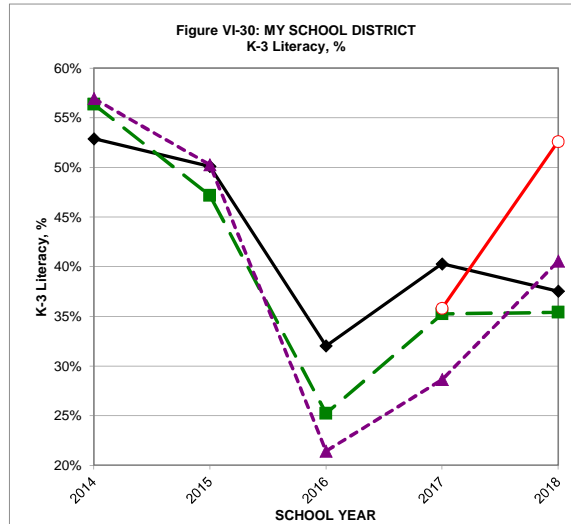
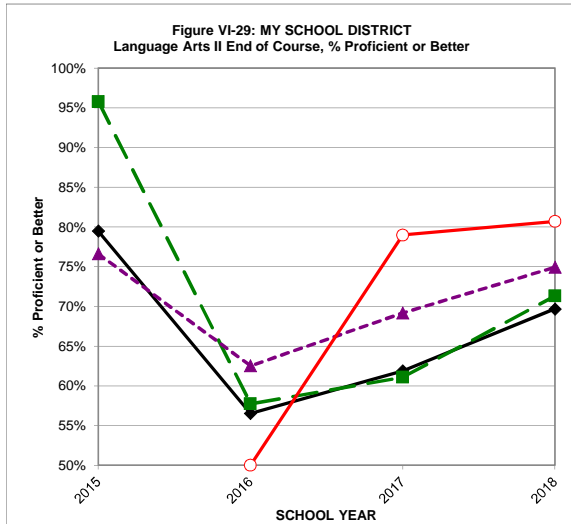
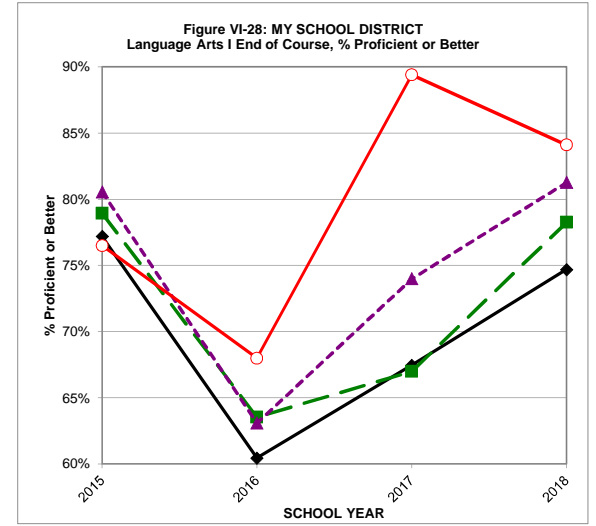
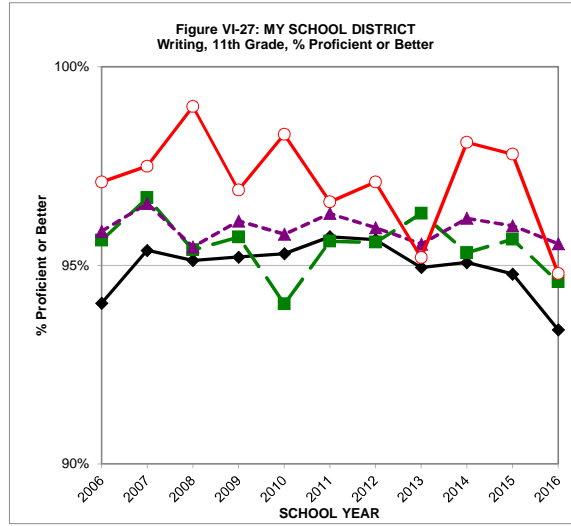
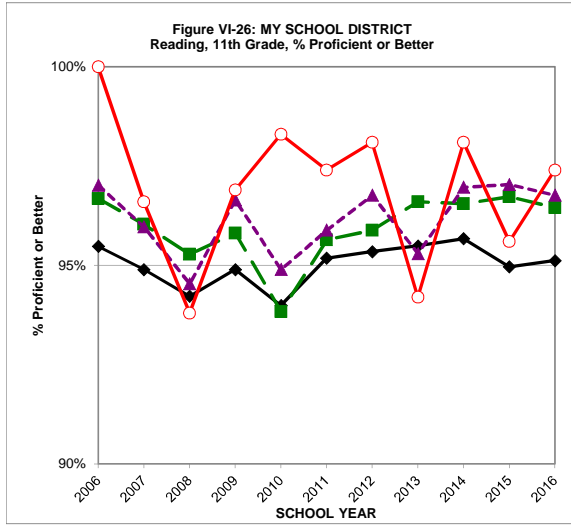
Detailed Performance Data - Math

Figures VI-20, VI-21, and VI-22 show the historical trends in Math for the 6th, 7th, and 8th grades, respectively. Figures VI-23, VI-24, VI-25 show the historical trend in Value Added for Math for those grades.



Detailed Performance Data - 11th Grade Reading and Writing and End of Course English Language Arts

Figures VI-26 and Figure VI-27 provide the historical trend in 11th Grade Reading and 11th Grade Writing, respectively. Figure VI-28 shows the K-3 Literacy % since its inception in 2016. Figures VI-29 and VI-30 show the % Proficient or Better in the English Language Arts I and II End of Course Exams.



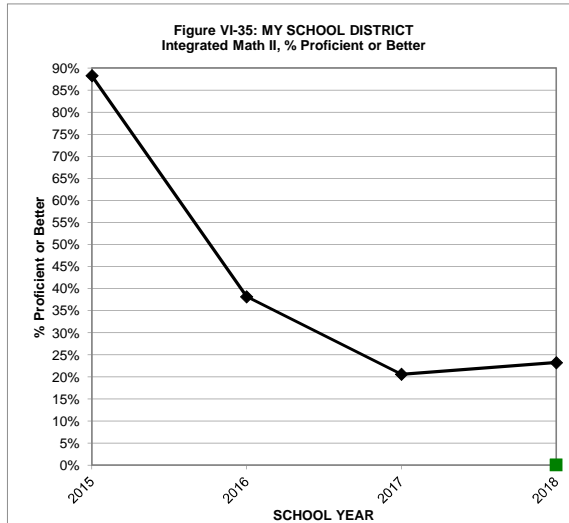
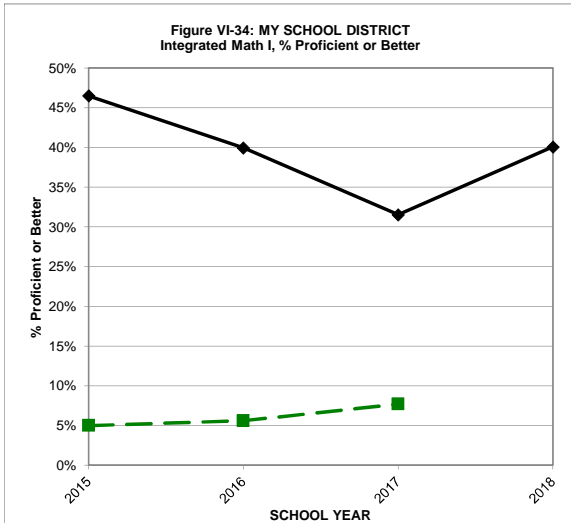
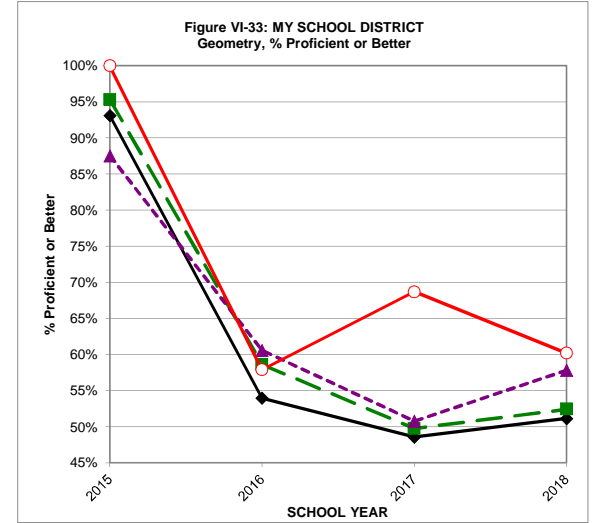
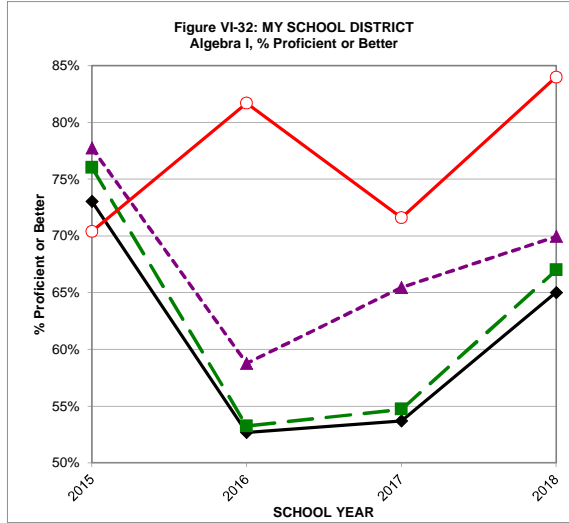
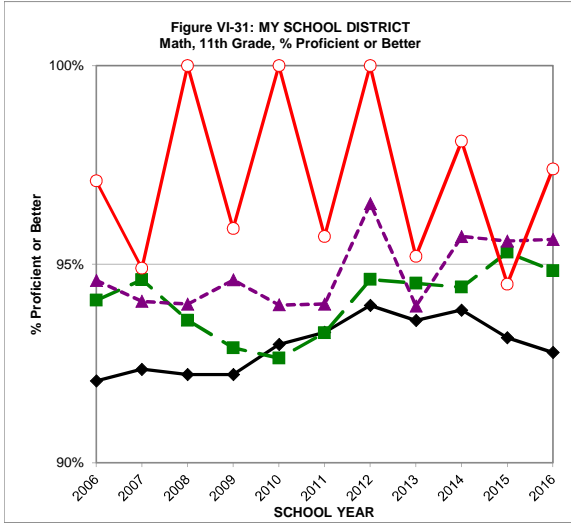
**Legend**

- ◆— OHIO DISTRICTS AVG
- SIMILAR DISTRICTS AVERAGE
- ▲— PEER DISTRICTS AVERAGE
- DISTRICT

If there are no points for the district for any given year, it means that a statistically-insignificant number of students took that End of Course exam.

Detailed Performance Data - 11th Grade and End of Course Math

Figure VI-31 shows the historical trend in 11th Grade Math, and Figures VI-32, VI-33, VI-34, and VI-35 show the % Proficient scores for Algebra I, Geometry, Integrated Math I, and Integrated Math II, respectively,



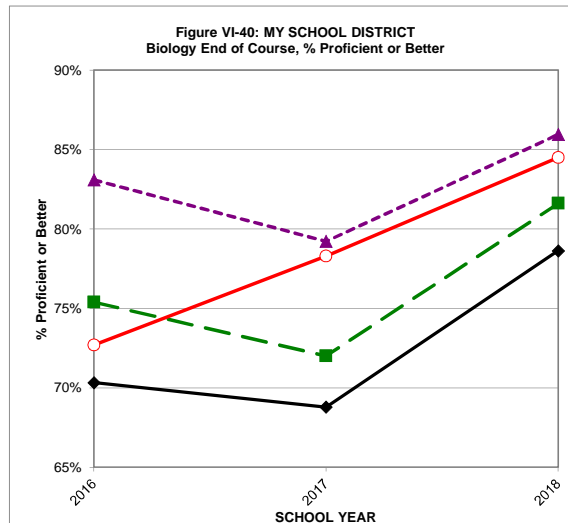
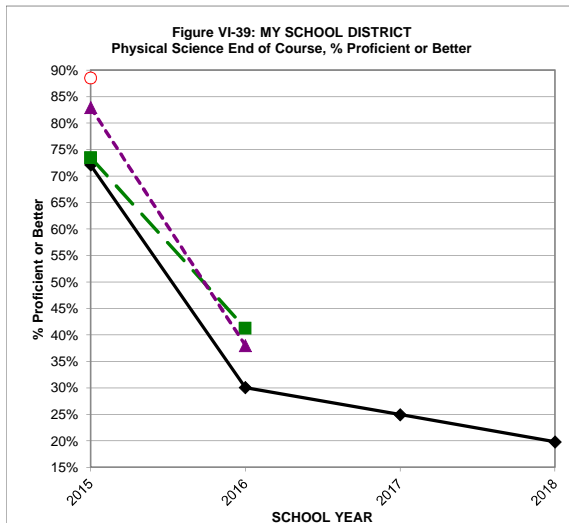
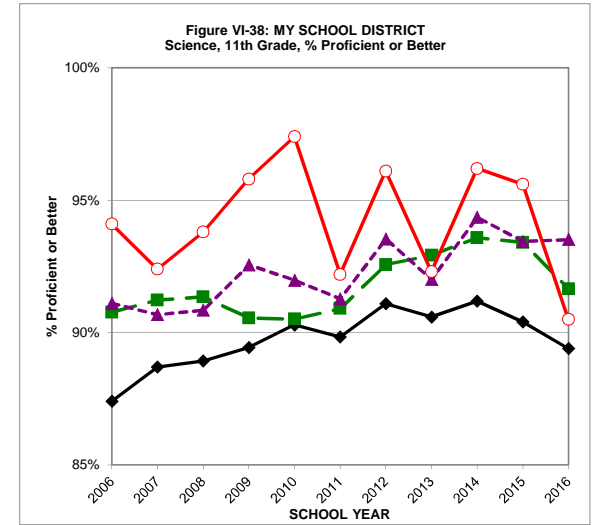
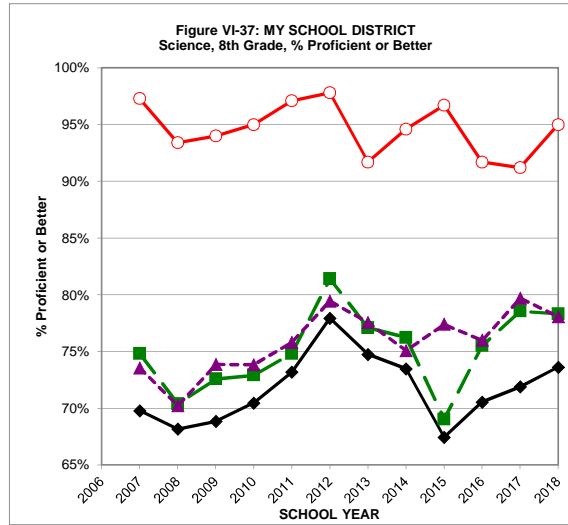
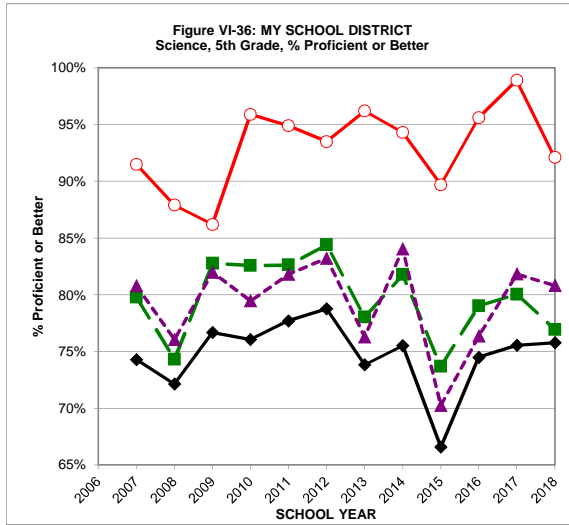
**Legend**

- ◆ OHIO DISTRICTS AVG
- SIMILAR DISTRICTS AVERAGE
- - PEER DISTRICTS AVERAGE
- DISTRICT

If there are no points for the district for any given year, it means that a statistically-insignificant number of students took that End of Course exam.

Detailed Performance Data - Science

Figures VI-36, VI-37, and VI-38 show the historical trends in Science for 5th, 8th, and 11th grades, respectively.



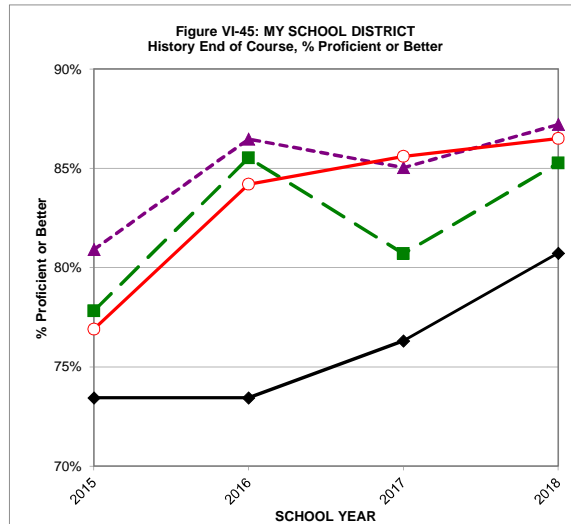
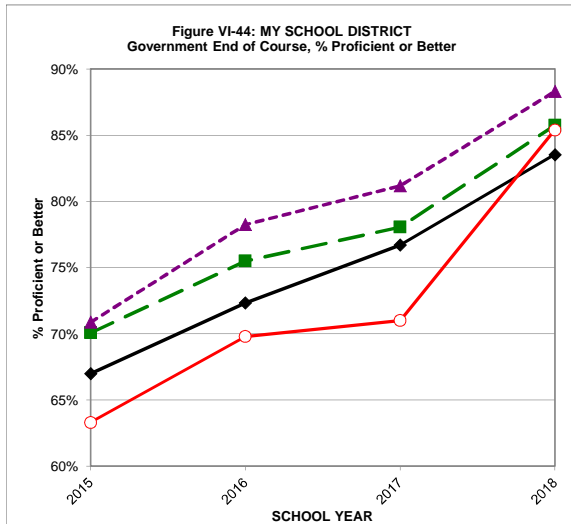
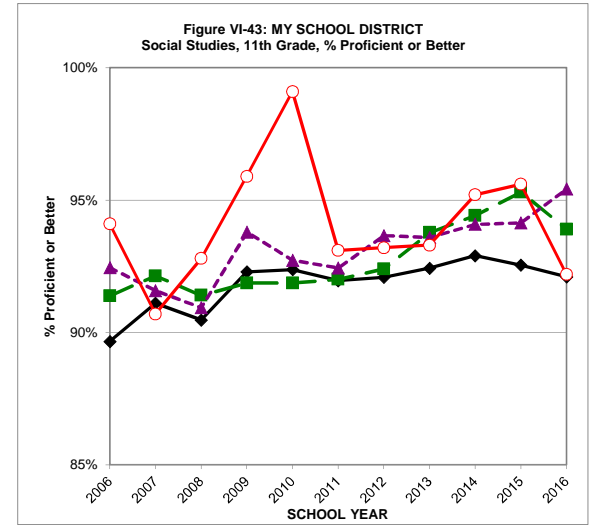
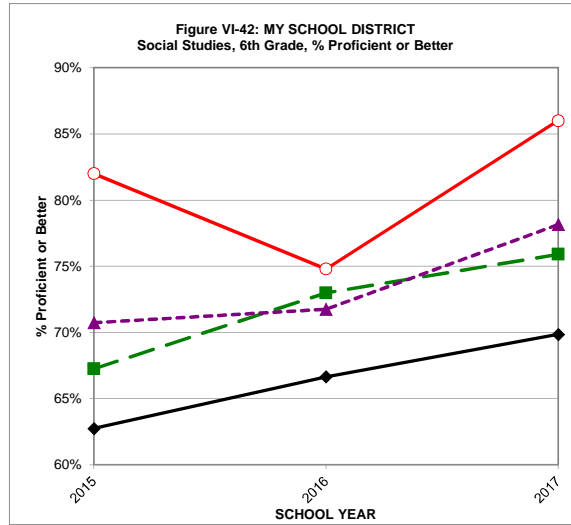
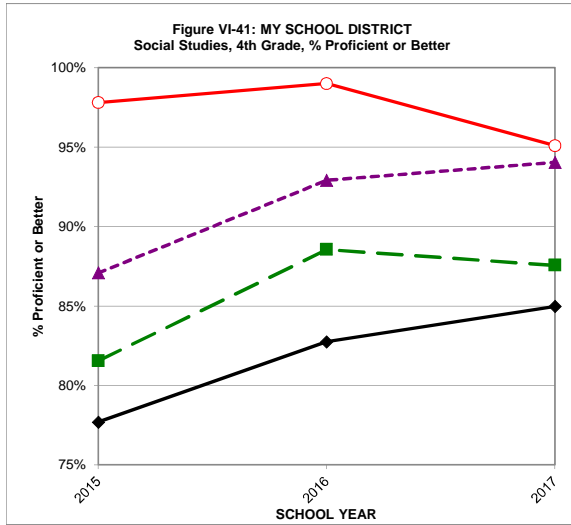
**Legend**

- ◆— OHIO DISTRICTS AVG
- SIMILAR DISTRICTS AVERAGE
- - -▲- - - PEER DISTRICTS AVERAGE
- DISTRICT

If there are no points for the district for any given year, it means that a statistically-insignificant number of students took that End of Course exam.

Detailed Performance Data - Social Studies

Figures VI-41 and VI-42 show the historical trends in Social Studies for 4th and 6th grades, respectively. Figures VI-43, VI-44, and VI-45 show the Proficiency Percentage for 11th grade Social Studies, Government End of Course,



**Legend**

- ◆— OHIO DISTRICTS AVG
- SIMILAR DISTRICTS AVERAGE
- ▲— PEER DISTRICTS AVERAGE
- DISTRICT

If there are no points for the district for any given year, it means that a statistically-insignificant number of students took that End of Course exam.

**Appendix I - October, 2018 Five Year Forecast**

**My School District Five Year Forecast for Fiscal Year 2019**

District Type: Local  
 IRN: xxxxxx  
 County: My County  
 Date Submitted: 10/17/2018 Date Processed: 10/17/2018

Line	Actual			Forecasted				
	2016	2017	2018	2019	2020	2021	2022	2023
1.010 General Property (Real Estate)	3,419,141	3,508,176	3,393,598	3,481,266	3,550,891	3,621,909	3,694,347	3,768,234
1.020 Tangible Personal Property Tax	3,187		144,063	143,375	146,243	149,167	152,151	155,194
1.030 Income Tax	1,144,788	1,261,911	1,342,415	1,375,241	1,409,622	1,444,863	1,473,760	1,503,235
1.035 Unrestricted Grants-in-Aid	6,563,809	6,740,156	6,836,166	6,948,587	6,983,330	7,018,247	7,053,338	7,088,605
1.040 Restricted Grants-in-Aid	77,153	65,892	72,332	71,710	70,276	68,870	68,870	67,493
1.050 Property Tax Allocation	498,157	501,188	502,466	503,451	505,968	508,498	511,041	513,596
1.060 All Other Operating Revenue	736,183	797,940	1,079,624	865,406	891,368	882,454	873,630	864,894
1.070 Total Revenue	12,442,418	12,875,263	13,370,664	13,389,036	13,557,698	13,694,009	13,827,136	13,961,250
2.040 Operating Transfers-In	243							
2.050 Advances-In	80,000		22,600	242,660	122,685	16,500		
2.060 All Other Financial Sources	19,612	69,686	17,660	16,500				
2.070 Total Other Financing Source	99,855	69,686	40,260	259,160	122,685	16,500		
2.080 Total Revenues and Other Financing	12,542,273	12,944,949	13,410,924	13,648,196	13,680,383	13,710,509	13,827,136	13,961,250
3.010 Personnel Services	6,087,646	6,264,452	6,417,019	6,768,402	7,005,296	7,215,455	7,431,919	7,654,876
3.020 Employees' Retirement/Insurance	2,570,824	2,732,928	2,921,646	3,126,161	3,360,623	3,595,867	3,847,578	4,116,908
3.030 Purchased Services	1,844,648	1,937,495	1,963,003	1,934,343	1,953,687	1,973,223	1,992,956	2,012,885
3.040 Supplies and Materials	307,896	373,792	364,601	365,000	374,125	383,478	393,065	402,892
3.050 Capital Outlay	151,225	158,577	215,113	225,000	230,625	236,391	242,300	248,358
4.300 Other Objects	128,885	132,010	136,328	140,213	143,018	145,878	148,796	151,771
4.500 Total Expenditures	11,091,124	11,599,254	12,017,710	12,559,120	13,067,374	13,550,292	14,056,613	14,587,691
5.010 Operational Transfers - Out	150,000	120,000	135,000	125,000	125,000	125,000	115,000	110,000
5.020 Advances - Out		22,600	362,389	17,500	16,500			
5.040 Total Other Financing Uses	150,000	142,600	497,389	142,500	141,500	125,000	115,000	110,000
5.050 Total Expenditure and Other Financing	11,241,124	11,741,854	12,515,099	12,701,620	13,208,874	13,675,292	14,171,613	14,697,691
6.010 Excess Rev & Oth Financing	1,301,149	1,203,095	895,825	946,576	471,509	35,216	-344,477	-736,441
7.010 Beginning Cash Balance	3,469,963	4,771,112	5,974,207	6,870,032	7,816,608	8,288,118	8,323,334	7,978,857
7.020 Ending Cash Balance	4,771,112	5,974,207	6,870,032	7,816,608	8,288,118	8,323,334	7,978,857	7,242,417
8.010 Outstanding Encumbrances	58,167		61,098	75,000	80,000	85,000	90,000	95,000
9.030 Budget Reserve	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
9.080 Total Reservations	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000

## Appendix II - 2018 Report Card

[www.ohio.gov](http://www.ohio.gov) | [dev.ode.state.oh.us/portal/Default.asp](http://dev.ode.state.oh.us/portal/Default.asp) | [About ODE \(http://education.ohio.gov/About\)](http://education.ohio.gov/About) | [State Agencies \(http://ohio.gov/agencies/\)](http://ohio.gov/agencies/) | [Online Services \(http://ohio.gov/services/\)](http://ohio.gov/services/) | [Ohio.gov \(http://www.ohio.gov\)](http://www.ohio.gov)

### Ohio School Report Cards

Search for a school or district...



## B My School District

District Grade

Districts and schools report information for the Ohio School Report Cards on specific marks of performance, called measures, within broad categories called components. They receive grades for up to ten measures and six components.

### Achievement

The Achievement Component represents whether student performance on state tests met established thresholds and how well students performed on tests overall. A new indicator measures chronic absenteeism.

**Performance Index**  
 84.6%  
**Indicators Met**  
 87.5%

**B**

Component Grade

B

B

### Graduation Rate

The Graduation Rate component looks at the percent of students who are successfully finishing high school with a diploma in four or five years.

**Graduation Rates**  
 93.3% of students graduated in 4 years A  
 92.4% of students graduated in 5 years B

**B**

Component Grade

A

B

### Progress

The Progress component looks closely at the growth that all students are making based on their past performances.

**Value-Added Overall Gifted**  
**Lowest 20% in Achievement Students with Disabilities**

**A**

Component Grade

A  
A  
B  
A

### Gap Closing

The Gap Closing component shows how well schools are meeting the performance expectations for our most vulnerable students in English language arts, math, graduation and English language proficiency.

**Annual Measurable Objectives**  
 100.0%

**A**

Component Grade

A

### Improving At-Risk K-3 Readers

This component looks at how successful the school is at improving at-risk K-3 readers.

**Improving At-Risk K-3 Readers**  
 52.6%

**C**

Component Grade

C

### Prepared for Success

Whether training in a technical field or preparing for work or college, the Prepared for Success component looks at how well prepared Ohio's students are for all future opportunities.

**D**

Component Grade

## Appendix III

### Calculating District Effectiveness

#### 1. Using the Performance Index Percentage

Effectiveness =  $(100,000 \times \text{Performance Index Percent}) / \text{Expenditures Per Pupil}$

Example:                      Performance Index Percentage = 80%  
   Expenditures per Pupil = \$9,000  
   Effectiveness =  $(100,000 \times .8) / \$9,000 = 8.89$

#### 2. Using the Percent of Indicators Met

Effectiveness =  $(100,000 \times \text{Percent of Indicators Met}) / \text{Expenditures Per Pupil}$

Example:                      Percent of Indicators Met = 70%  
   Expenditures per Pupil = \$9,000  
   Effectiveness =  $(100,000 \times .7) / \$9,000 = 7.78$

#### 3. Using the 4-Year Graduation Rate

Effectiveness =  $(100,000 \times \text{4-Year Graduation Rate}) / \text{Expenditures Per Pupil}$

Example:                      4-Year Graduation Rate = 90%  
   Expenditures per Pupil = \$9,000  
   Effectiveness =  $(100,000 \times .9) / \$9,000 = 10$

#### 4. Using the Value Added Gain Index

Effectiveness =  $(10,000 \times \text{4-Year Value Added Gain Index}) / \text{Expenditures Per Pupil}$

Example:                      Value Added Gain Index = 2.5  
   Expenditures per Pupil = \$9,000  
   Effectiveness =  $(10,000 \times .2.5) / \$9,000 = 2.78$



## Appendix IV

### Data Sources

**1. 2008 through 2016 District Personnel Salaries.** The Ohio Treasurer has downloadable spreadsheets which provide school employee salary data for the past nine years.

[http://www.tos.ohio.gov/Teacher\\_Salary](http://www.tos.ohio.gov/Teacher_Salary) .

Employee salary data broken down by district are available at

<http://www.compareohioschools.org> .

**2. District Teacher and Administration Salaries.** The Buckeye Institute has compiled these data, all derived from the State Treasurer's data. Teacher and administrator salaries are available for every district through 2013.

<http://www.buckeyeinstitute.org/teacher-salary>

**3. Teacher and Classified Personnel Contracts.** The Ohio State Employment Relations Board maintains online copies of all negotiated district teacher and classified personnel contracts.

[http://www.serb.state.oh.us/sections/research/WEB\\_CONTRACTS/WebContracts.htm](http://www.serb.state.oh.us/sections/research/WEB_CONTRACTS/WebContracts.htm)

**4. District Report Cards.**

<http://ilrc.ode.state.oh.us/Districts/Default.asp>

**5. School District Tax Data (Property, Resident Income).**

[http://www.tax.ohio.gov/tax\\_analysis/tax\\_data\\_series/school\\_district\\_data/publications\\_tds\\_school.aspx](http://www.tax.ohio.gov/tax_analysis/tax_data_series/school_district_data/publications_tds_school.aspx)

**6. Ohio SERB 2018 Health Insurance Survey.**

[http://www.serb.state.oh.us/sections/research/reports/Health\\_Insurance\\_Report\\_2018.pdf](http://www.serb.state.oh.us/sections/research/reports/Health_Insurance_Report_2018.pdf)

**7. Teacher Salary Data, 2001-Present.** Downloadable Excel files with base and step data for each school district. Maintained by OEA.

<http://www.ohea.org/salary-data-since-2001>

**8. District Profile (Cupp) Reports.** Profile data for each district, maintained by ODE.

<http://education.ohio.gov/Topics/Finance-and-Funding/Finance-Related-Data/District-Profile-Reports>

**9. District Five Year Forecasts.** Five-Year Forecasts for all districts. Maintained by ODE.

<http://fyf.oecn.k12.oh.us/>

**10. Financial and Performance Audits.** Access the search of Financial and Performance Audits carried out by the Auditor of State. Select "School" in the pull-down menu for "Entity Type" and "Performance Audit" under "Report Description."

<https://ohioauditor.gov/AuditSearch/search.aspx>

# My School District



## Trend Comparison Data through FY18

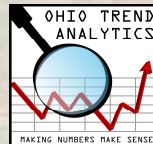
Comparison with Selected Peer Group Districts

Comparison with ODE Designated Similar Districts

### **ADDENDUM**

**Not included in Management Summary**

Ohio Trend Analytics, LLC  
Cardington, OH 43315  
Email: [info@ohiotrendanalytics.com](mailto:info@ohiotrendanalytics.com)  
Phone: (614) 580-8544



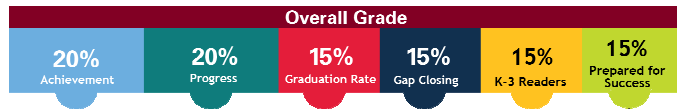
Ohio Trend Analytics is a joint venture  
of K-12 Business Business Consulting, Inc.  
and Compare Ohio Schools, LLC.

**K-12**



ADDENDUM I

Section VII - Single Year Charts for Components of Overall District Grade



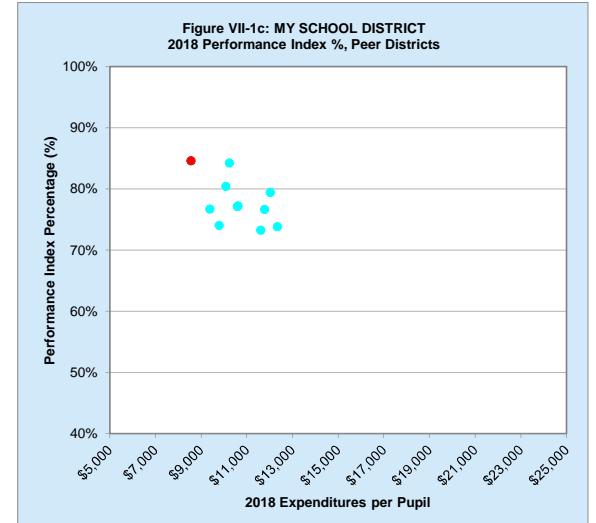
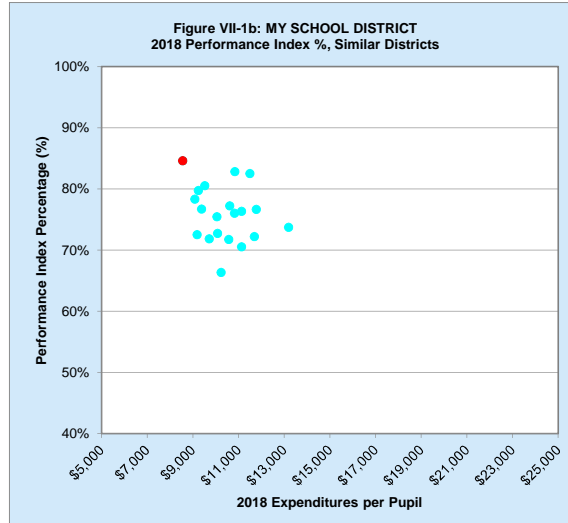
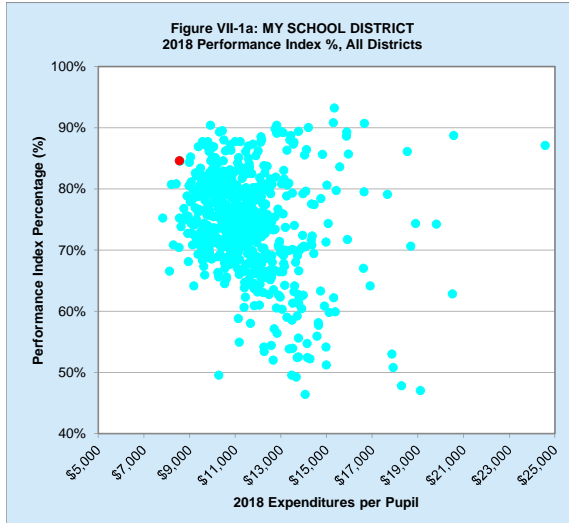
In 2018, ODE gave each district an **Overall Grade**. This Appendix provides single-year plots for each of the measures incorporated into the grade, and compares the district's performance with that of the State, of the district's Similar Districts, and of the district's chosen Peer Districts.

<p><b>20%</b> Achievement</p>	<p><b>Component Grade</b></p> <p><b>75%</b> Performance Index Figure VII-1</p> <p><b>25%</b> Indicators Met Figure VII-2</p>	<p>This component is generated from student performance on the ODE achievement tests. The <b>Performance Index</b> is calculated by weighing each student's proficiency level in the tests. The <b>Percent of Indicators Met</b> is based on a threshold of students achieving proficiency in each of the State tests. Included are indicators for: Chronic Absenteeism Improvement, End-of-Course-Test Improvement, and Gifted student identification and performance.</p>
<p><b>20%</b> Progress</p>	<p><b>Component Grade</b></p> <p><b>55%</b> All Students Figure VII-3</p> <p><b>15%</b> Gifted Students Fig. VII-4</p> <p><b>15%</b> Students with Disabilities Fig. VII-5</p> <p><b>15%</b> Students in Lowest 20% Fig. VII-6</p>	<p>Known as the <b>Value Added Gain Index</b>, this reports whether students made one year's worth of progress in one year. Separate numbers are provided for students in four categories: All Students, Gifted Students, Students with Disabilities, and Students Performing in the Lowest 20%.</p>
<p><b>15%</b> Graduation</p>	<p><b>Component Grade</b></p> <p><b>60%</b> Four-Year Graduation Rate Fig. VII-17</p> <p><b>40%</b> Five-Year Rate Fig. VII-8</p>	<p>This component measures the <b>4-Year and 5-Year Graduation Rates</b> of the district's students. The 4-Year Rate reflects the graduating class of the prior year, and the 5-Year Rate of the year before that.</p>
<p><b>15%</b> Gap Closing</p>	<p>This component reports the extent to which the district was able to achieve the Federally-specified "<b>Annual Measurable Objectives</b>" in Graduation, Reading, and Writing of students in nine vulnerable subgroups.</p> <p>Figures VII-9-12 provide one year plots for AMO and the three components (Graduation, Reading, Writing).</p>	
<p><b>15%</b> K-3 Literacy</p>	<p>This component reflects year-to-year improvement in reading for students in K-3, generating the percentage of students "not on track last year but on track this year" for each grade.</p> <p>Figures VII-13-14 provide one year plots for for <b>K-3 Literacy</b> (a reading diagnostic) and <b>3rd Grade Reading Proficiency</b>.</p>	
<p><b>15%</b> Prepared for Success</p>	<p>This component (Figure VII-15) reflects the extent to which students are academically ready for life, whether it be work or college. It incorporates three measures: ACT/SAT test results (<b>% Remediation Free</b> -- the percentage of students who would not need English or math remediation courses in college -- Figure VII-16), the percentage of students earning an <b>Honors Diploma</b> (Figure VII-18), and the percentage of those achieving twelve points towards an <b>industry-recognized credential</b> (Figure VII-17). Bonus points are awarded for passing AP tests, International Baccalaureate tests, and dual enrollment courses.</p>	

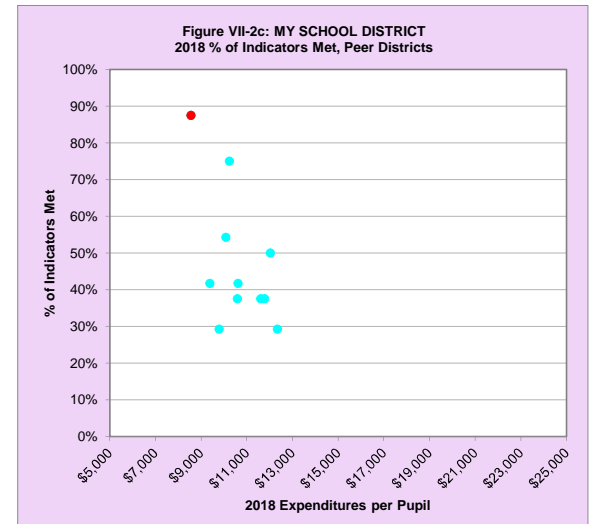
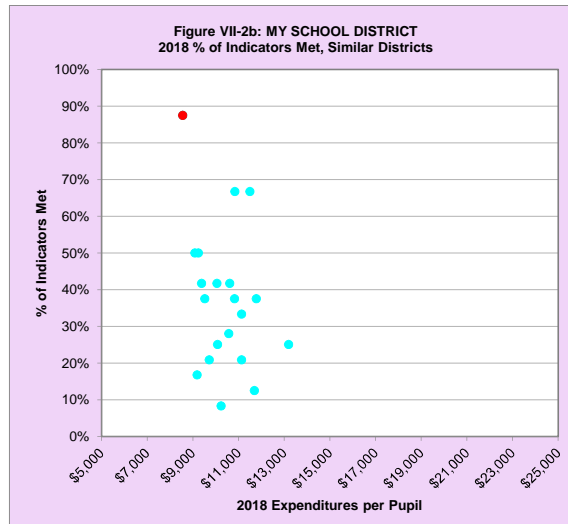
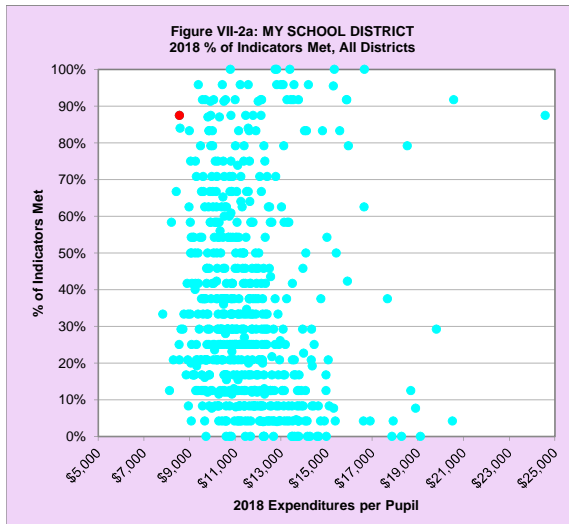
VII: Single Year Performance Data and Expenditures Per Pupil for All Districts, Similar Districts, and Peer Districts

A: Achievement (20% of District Grade)

Performance Index Percent (75% of Achievement)



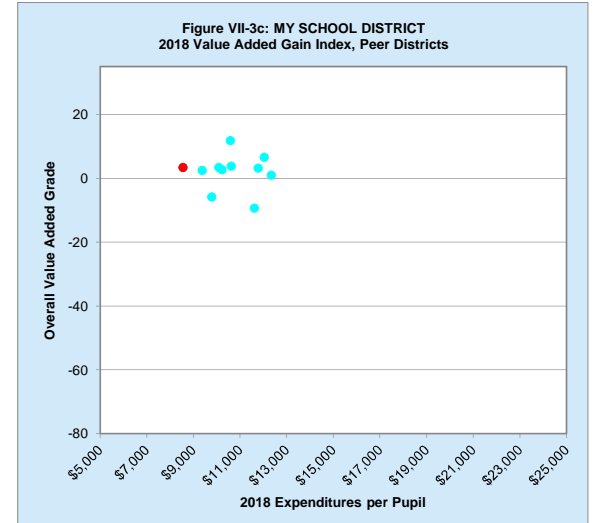
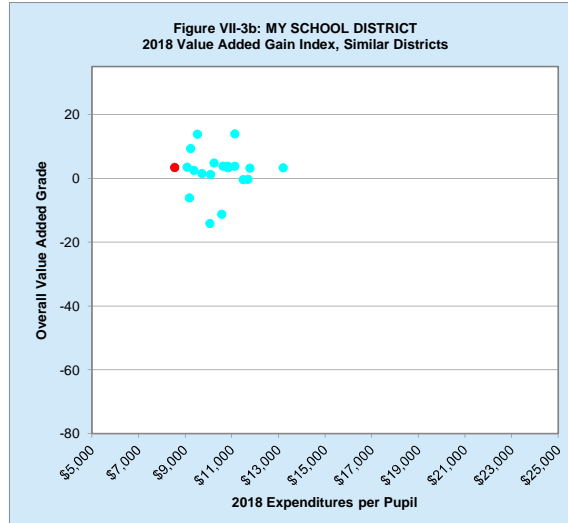
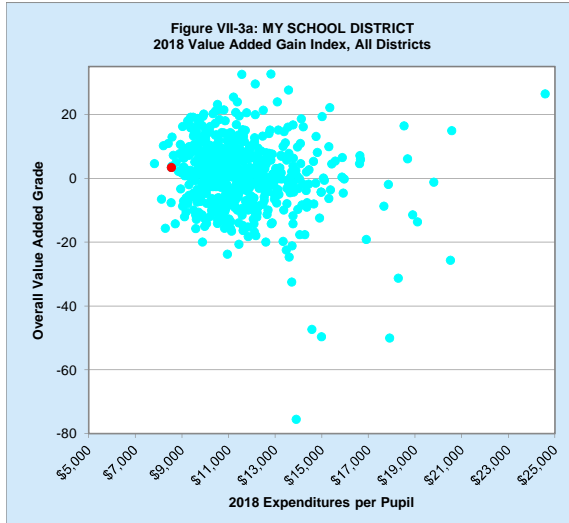
% of Indicators Met (25% of Achievement)



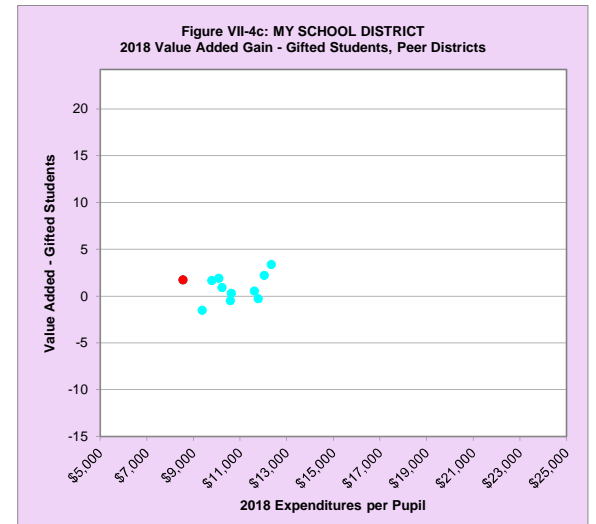
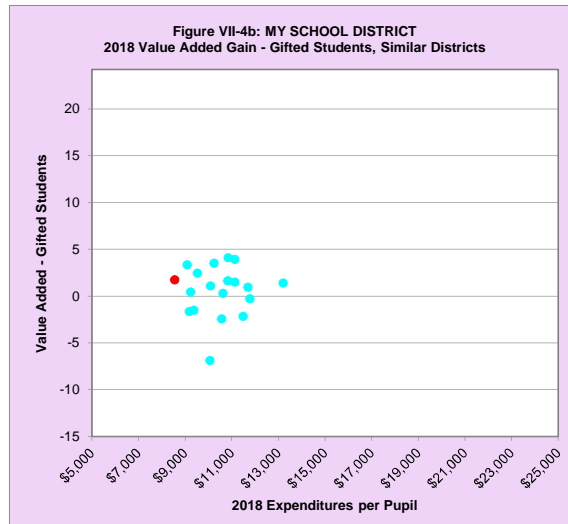
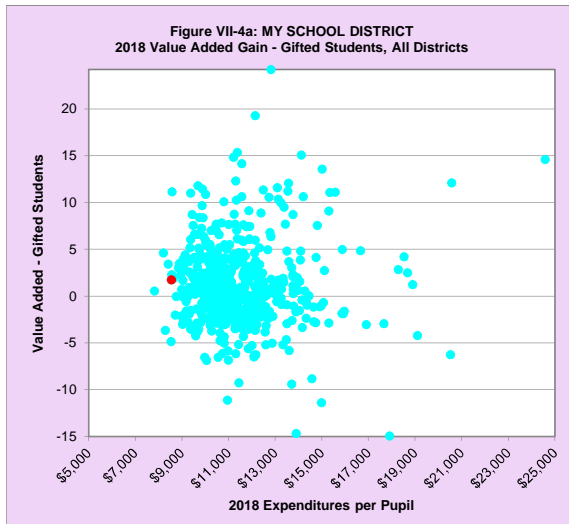
VII: Single Year Performance Data and Expenditures Per Pupil for All Districts, Similar Districts, and Peer Districts (cont'd)

**B: Progress (Value Added Gain Index) (20% of District Grade)**

**Value Added, All Students (55% of Progress Grade)**



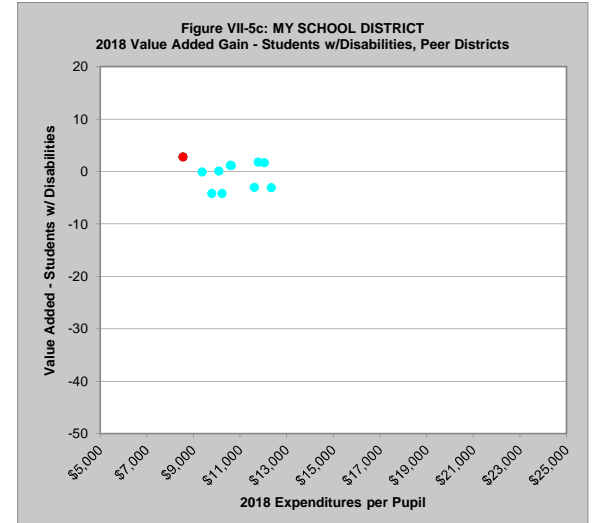
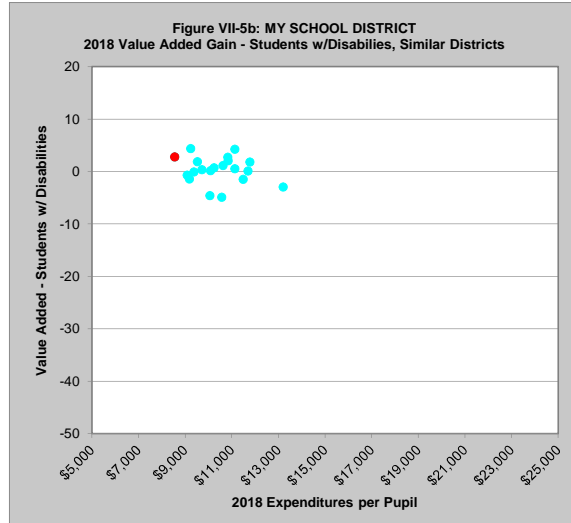
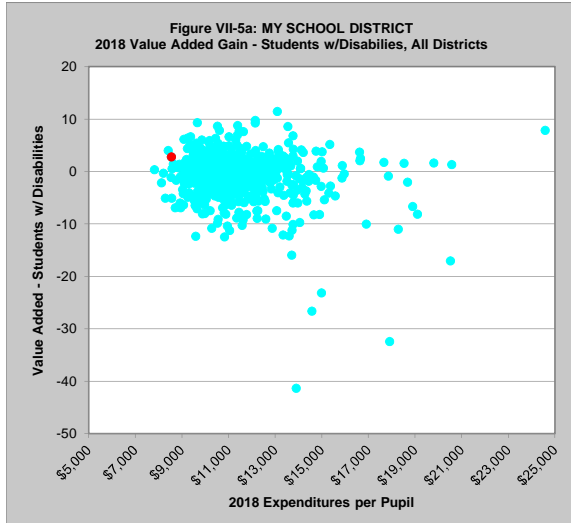
**Value Added, Gifted Students (15% of Progress Grade)**



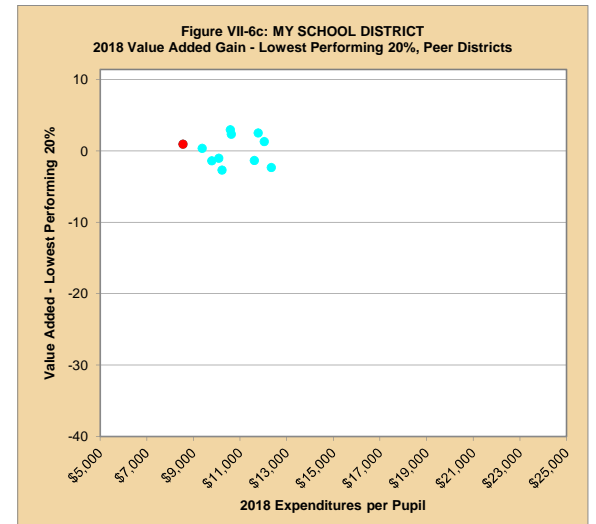
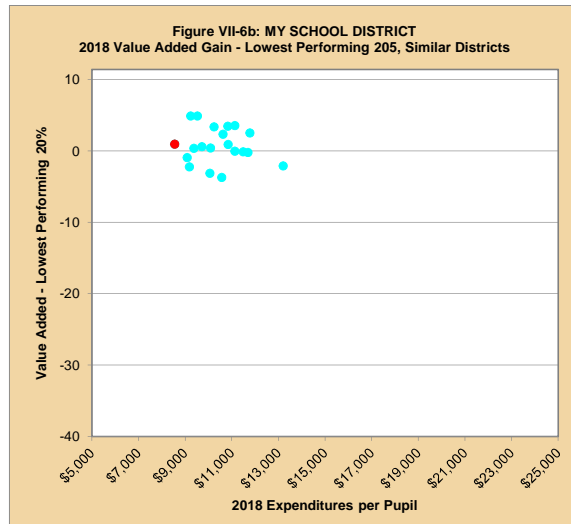
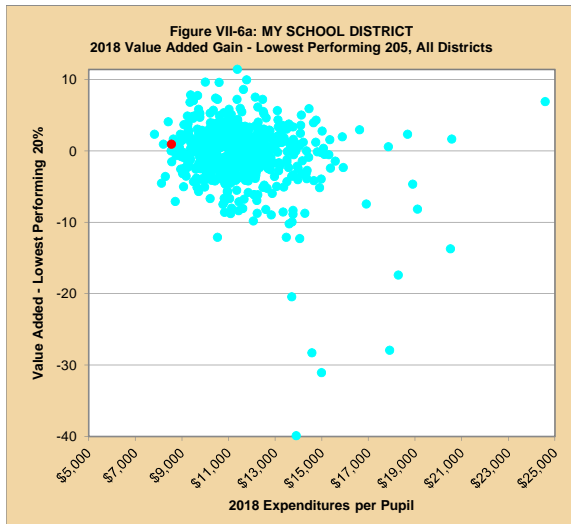
VII: Single Year Performance Data and Expenditures Per Pupil for All Districts, Similar Districts, and Peer Districts (cont'd)

**B: Progress (Value Added Gain Index) (cont'd)**

**Value Added, Students with Disabilities (15% of**



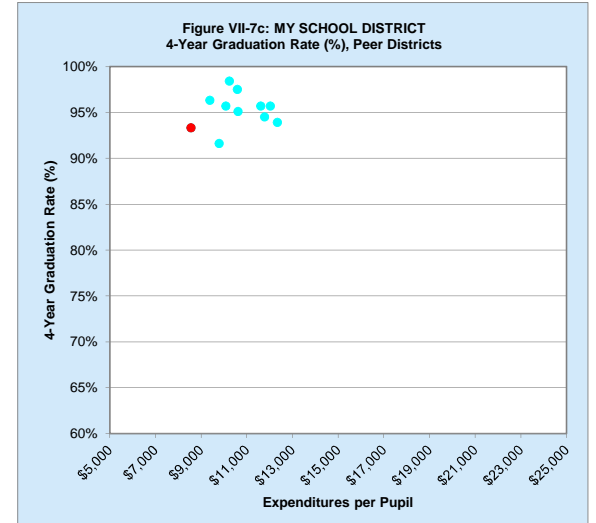
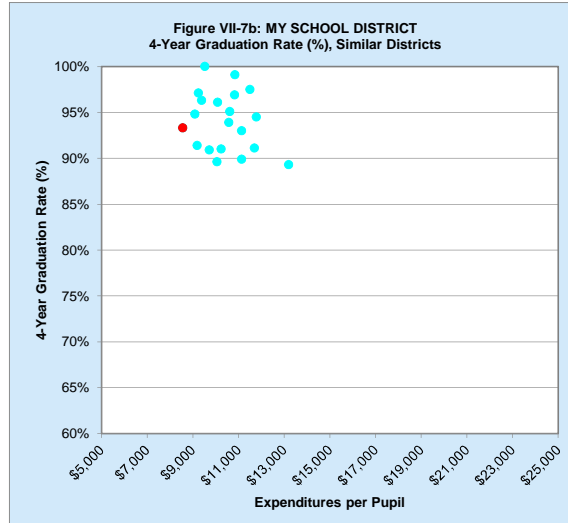
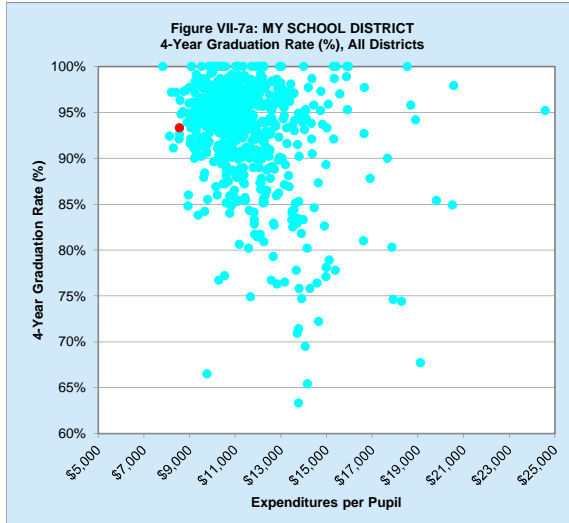
**Value Added, Students Performing in the Lowest 20%**



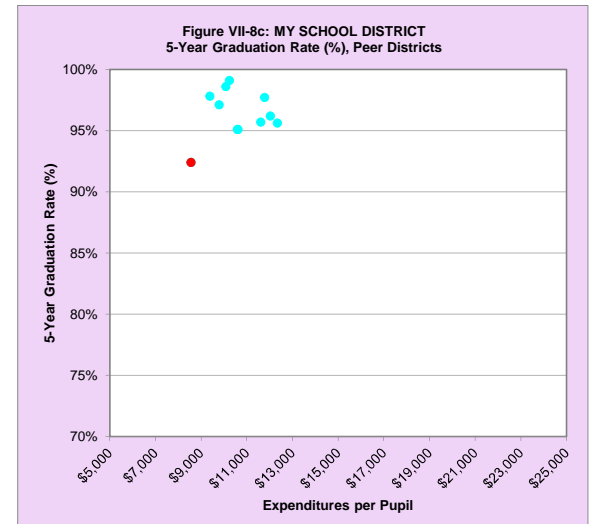
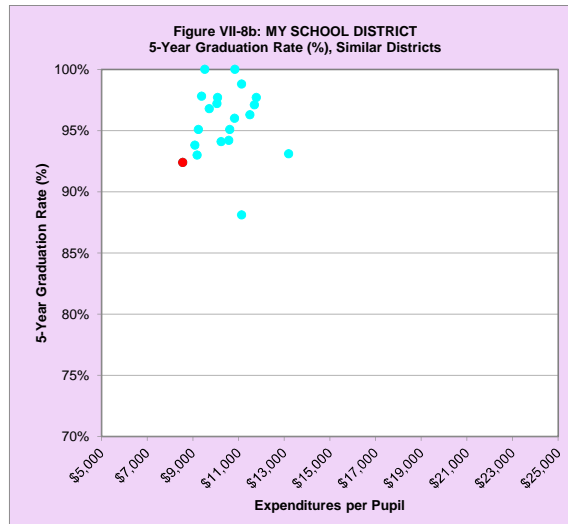
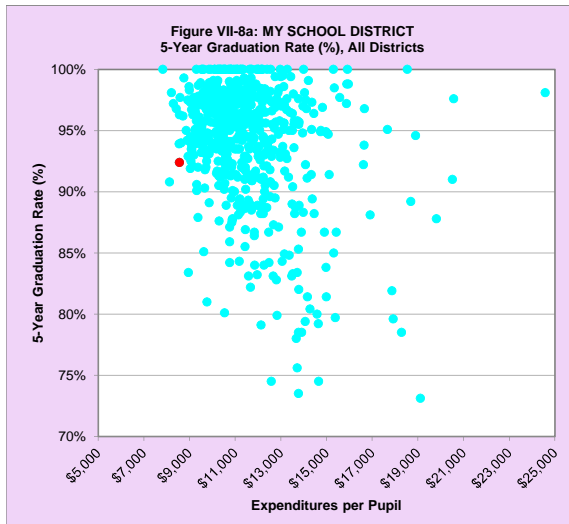
VII: Single Year Performance Data and Expenditures Per Pupil for All Districts, Similar Districts, and Peer Districts (cont'd)

**C: Graduation (15% of District Grade)**

**4-Year Graduation Rate (%) (60% of Graduation Grade)**



**5-Year Graduation Rate (%) (40% of Graduation Grade)**

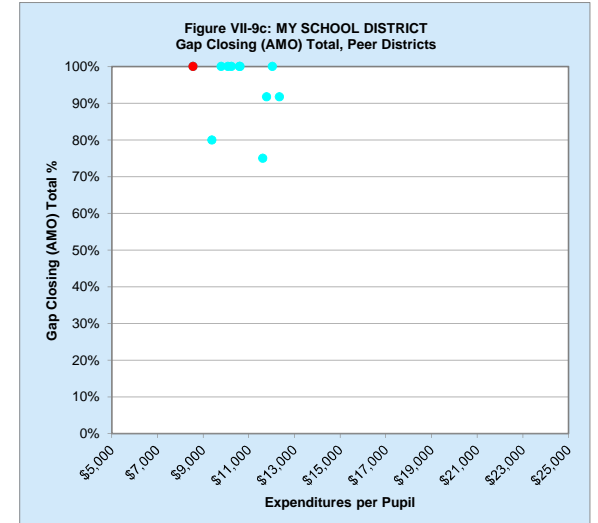
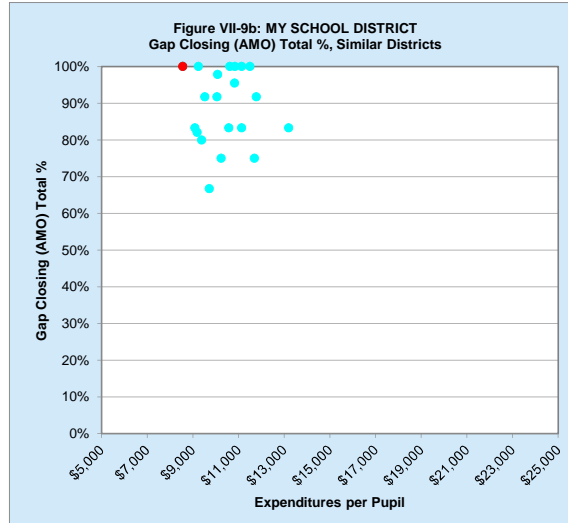
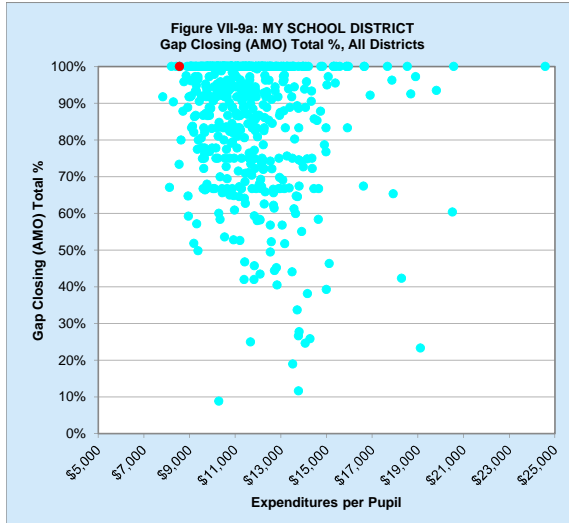




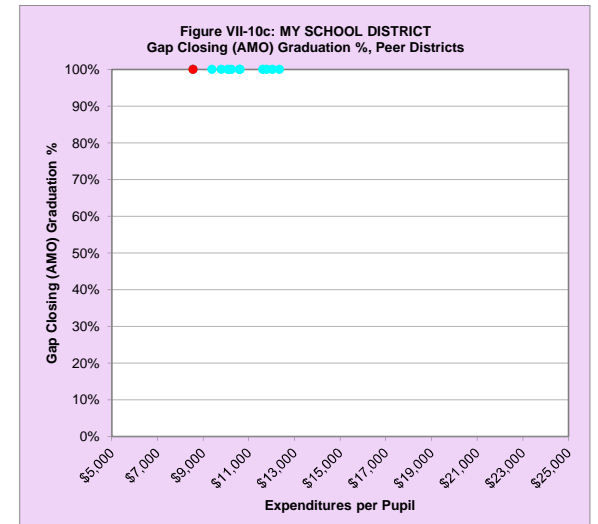
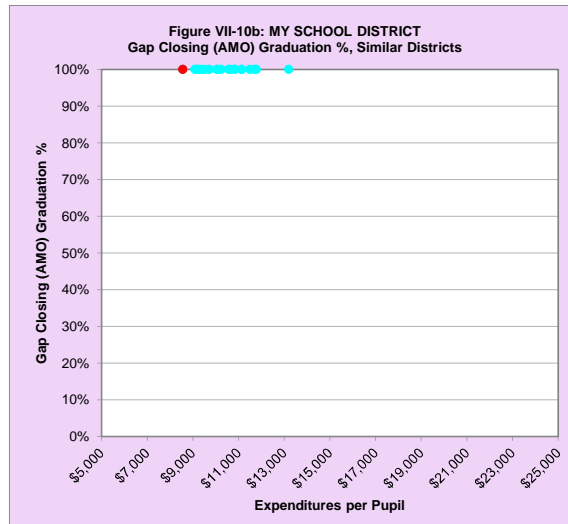
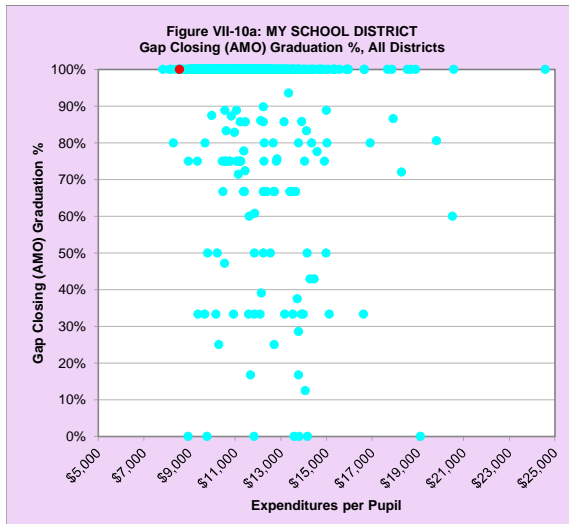
VII: Single Year Performance Data and Expenditures Per Pupil for All Districts, Similar Districts, and Peer Districts (cont'd)

**D: Gap Closing (Annual Measurable Objectives) (15% of District Grade)**

**Gap Closing (AMO) Total**



**Gap Closing (AMO) Graduation**

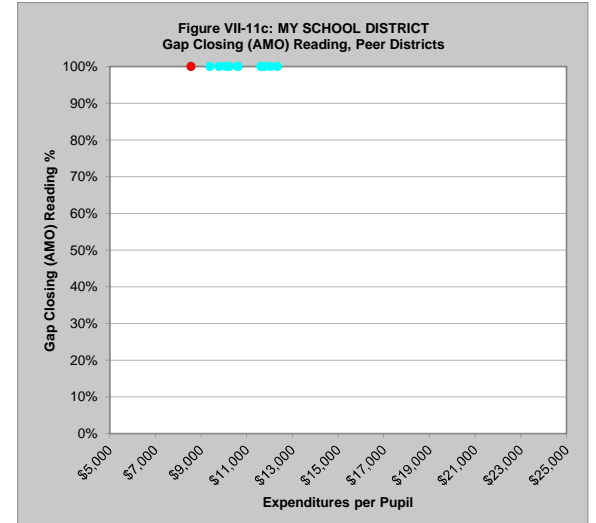
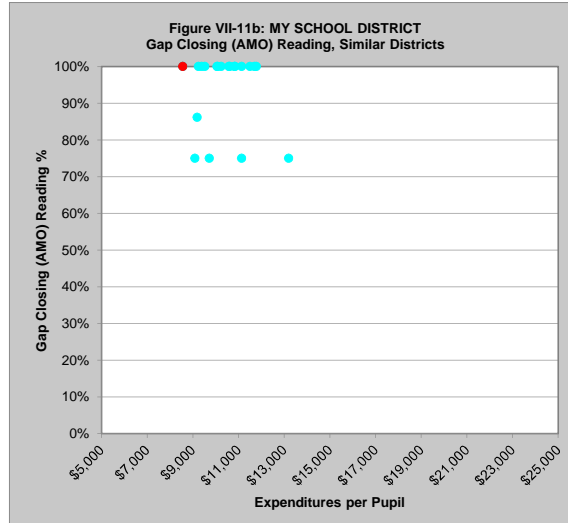
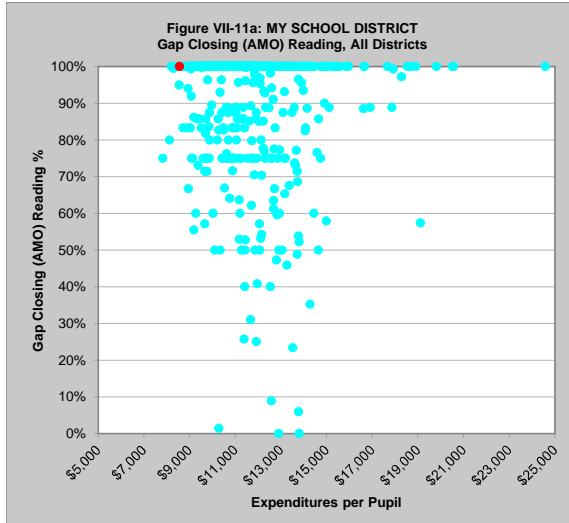




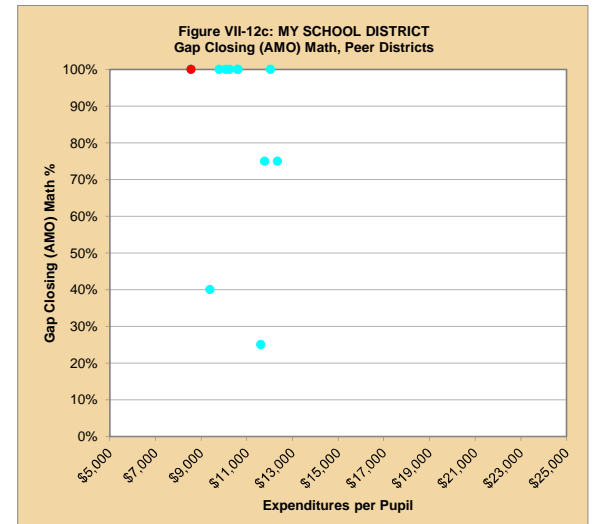
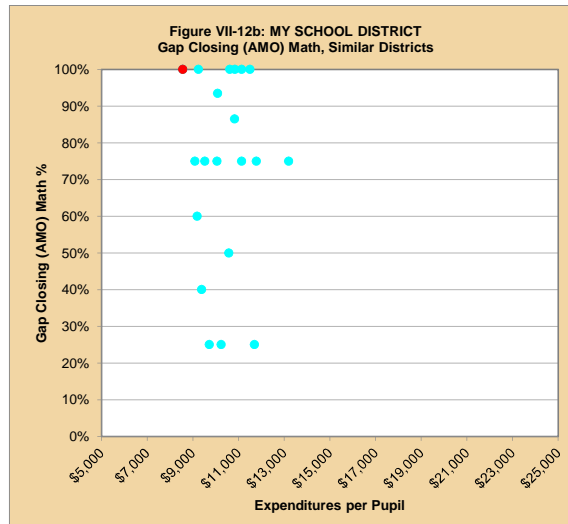
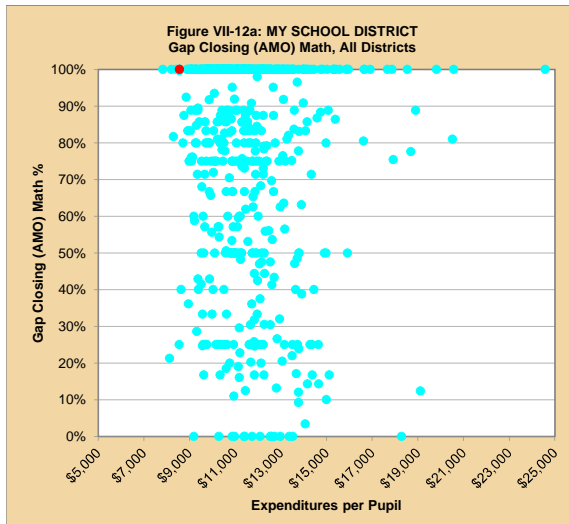
VII: Single Year Performance Data and Expenditures Per Pupil for All Districts, Similar Districts, and Peer Districts (cont'd)

D: Gap Closing (Annual Measurable Objectives) (cont'd)

Gap Closing (AMO) Reading



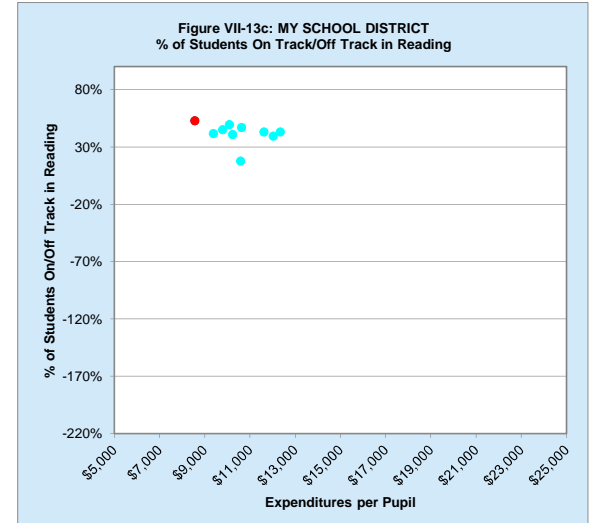
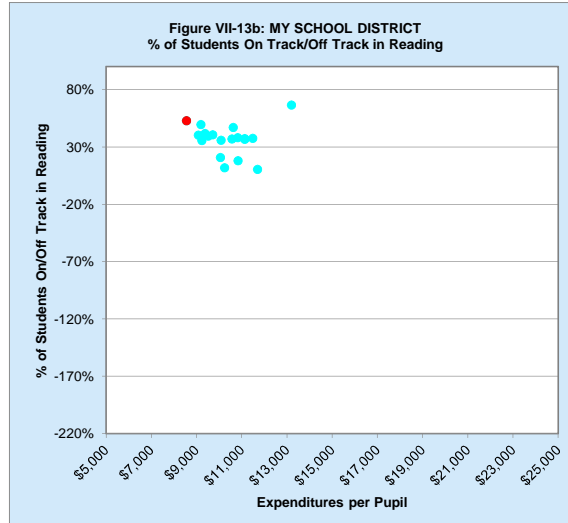
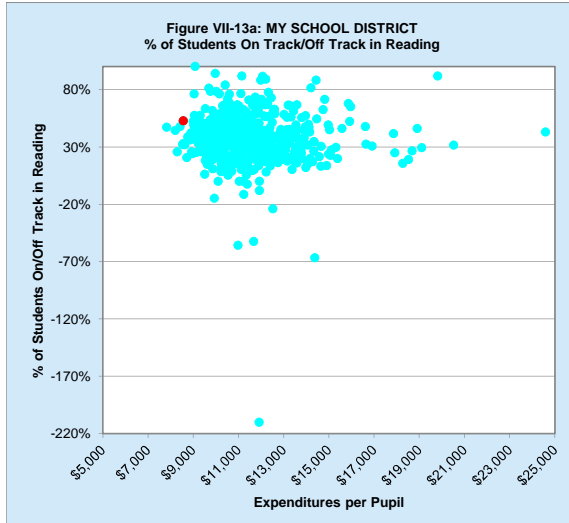
Gap Closing (AMO) Math



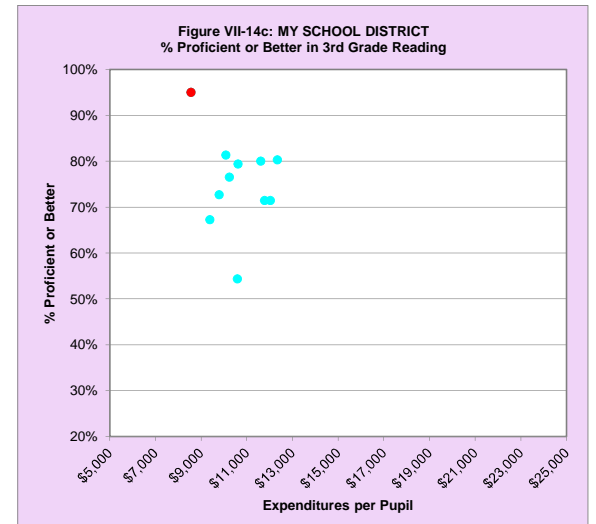
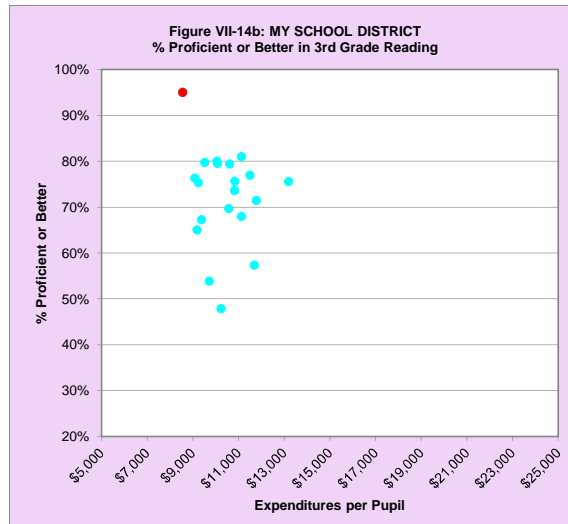
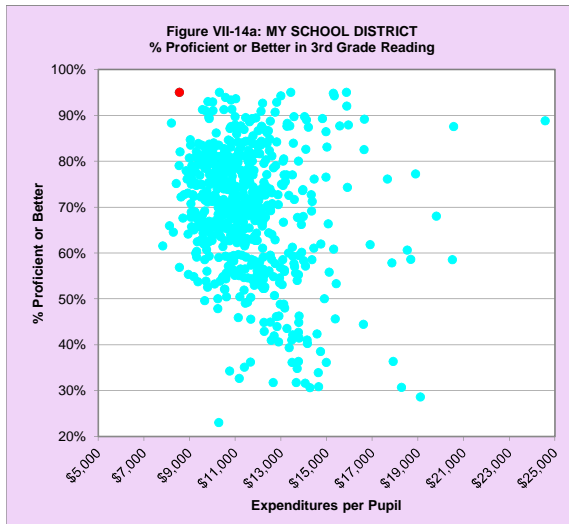
VII: Single Year Performance Data and Expenditures Per Pupil for All Districts, Similar Districts, and Peer Districts (cont'd)

E: K-3 Literacy Improvement (15% of District Grade)

% of Students On/Off Track in Reading



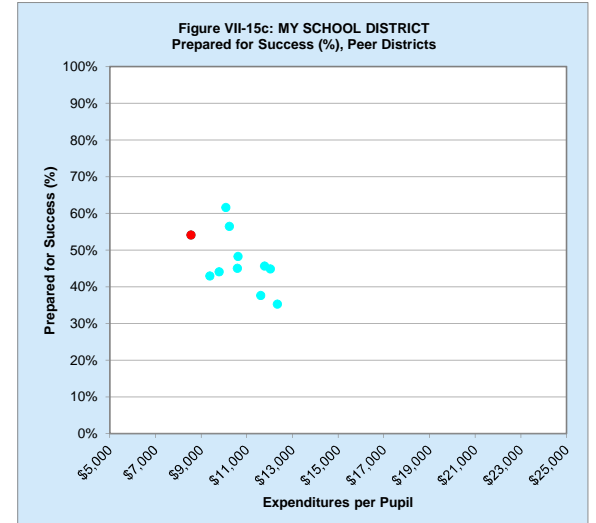
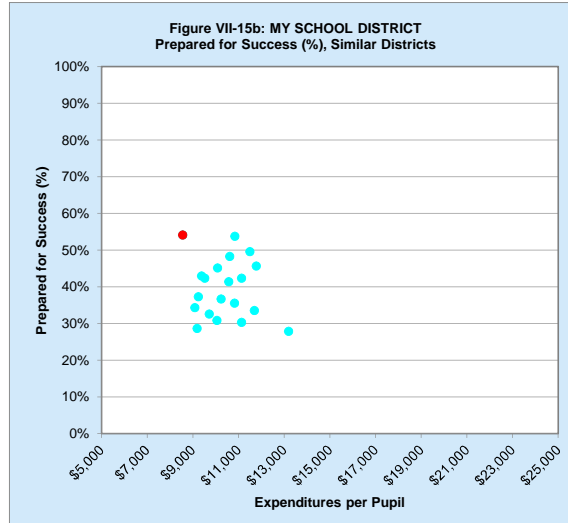
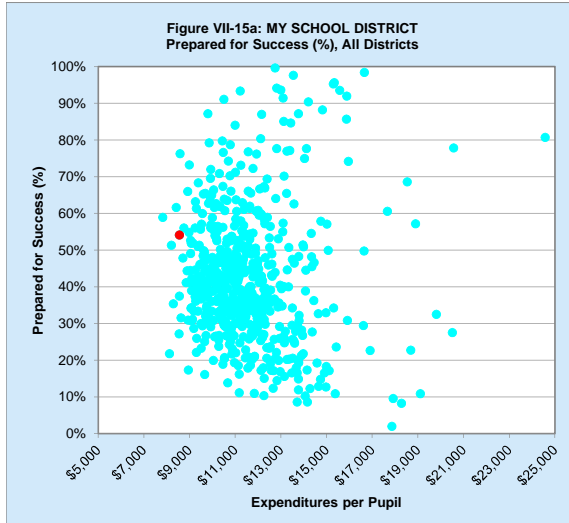
3rd Grade Reading % Proficient or Better



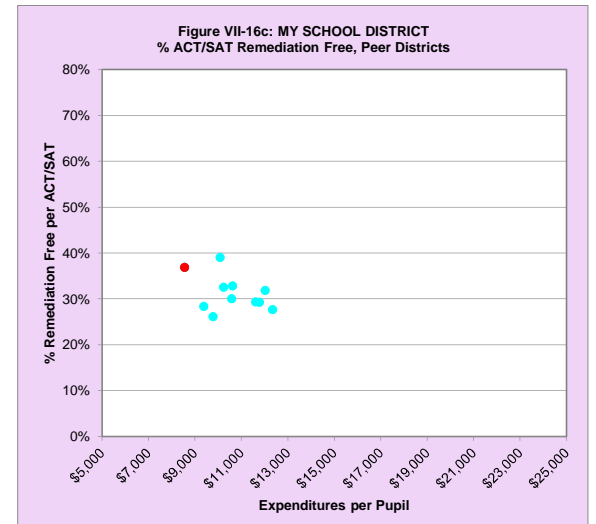
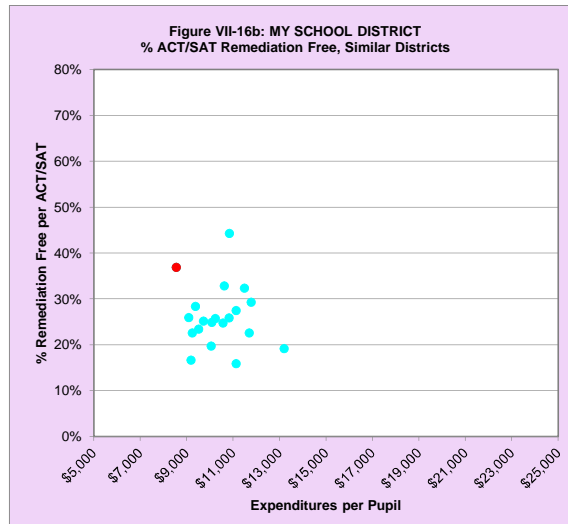
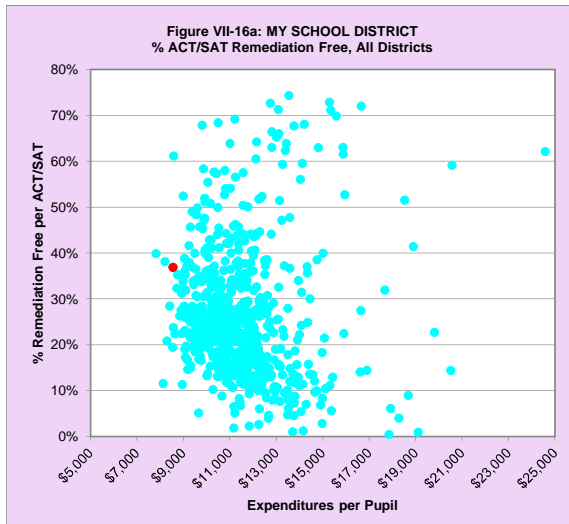
VII: Single Year Performance Data and Expenditures Per Pupil for All Districts, Similar Districts, and Peer Districts (cont'd)

F: Prepared for Success (15% of District Grade)

Prepared for Success (%)



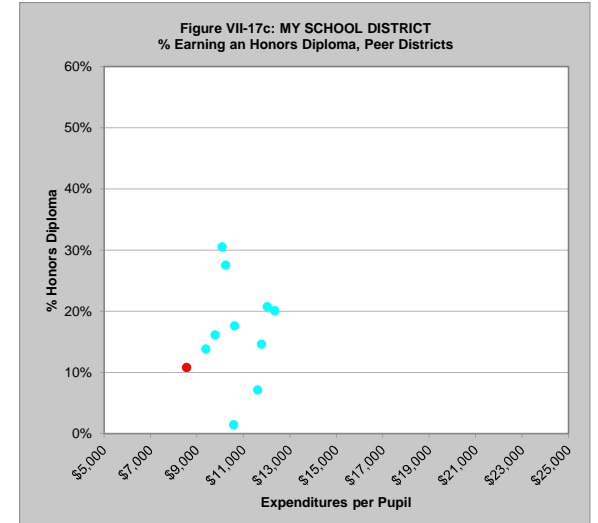
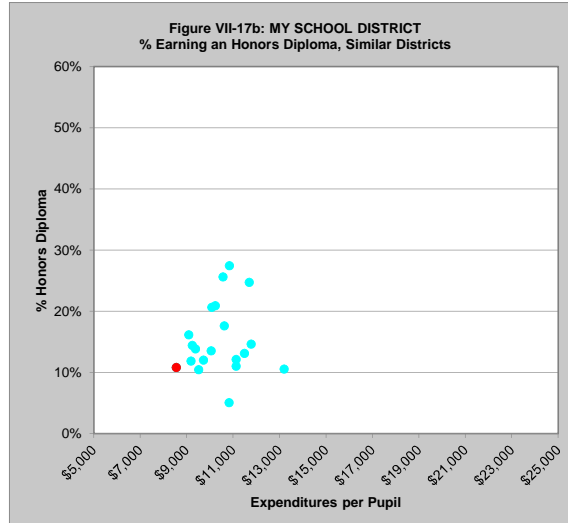
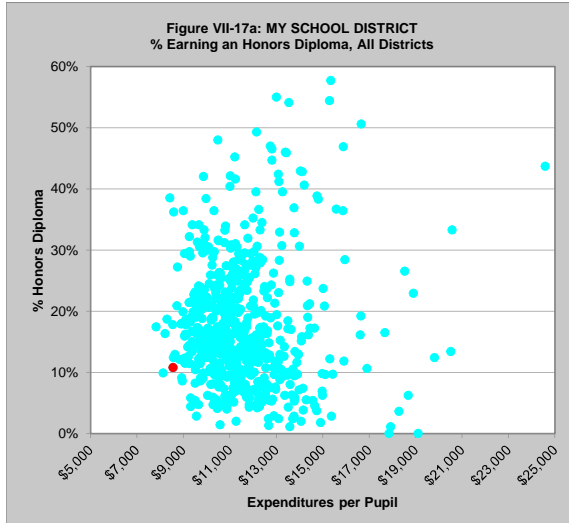
% of Students ACT/SAT Remediation Free



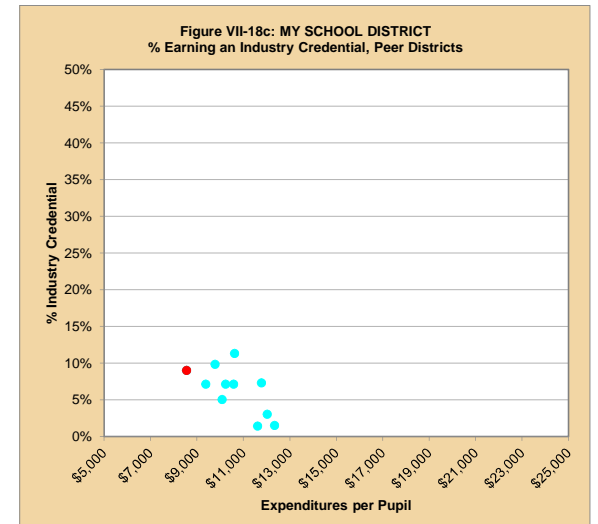
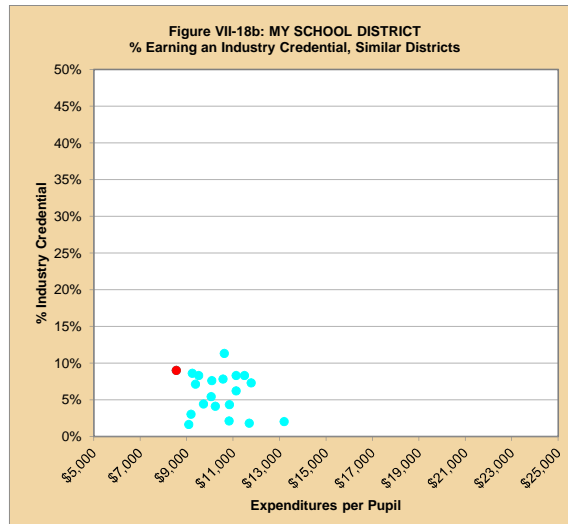
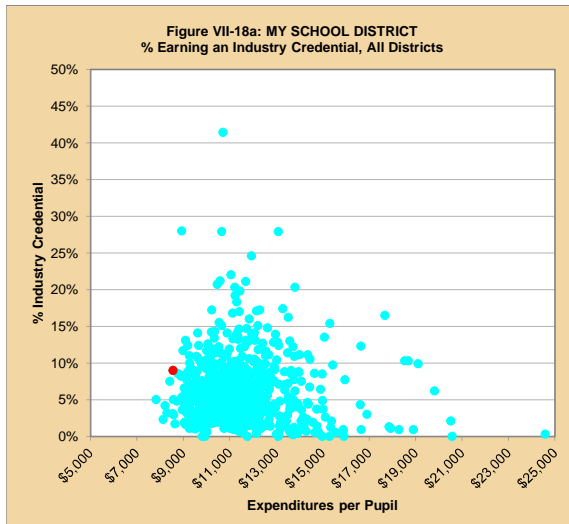
VII: Single Year Performance Data and Expenditures Per Pupil for All Districts, Similar Districts, and Peer Districts (cont'd)

F: Prepared for Success (cont'd)

% of Students Earning Honors Diploma



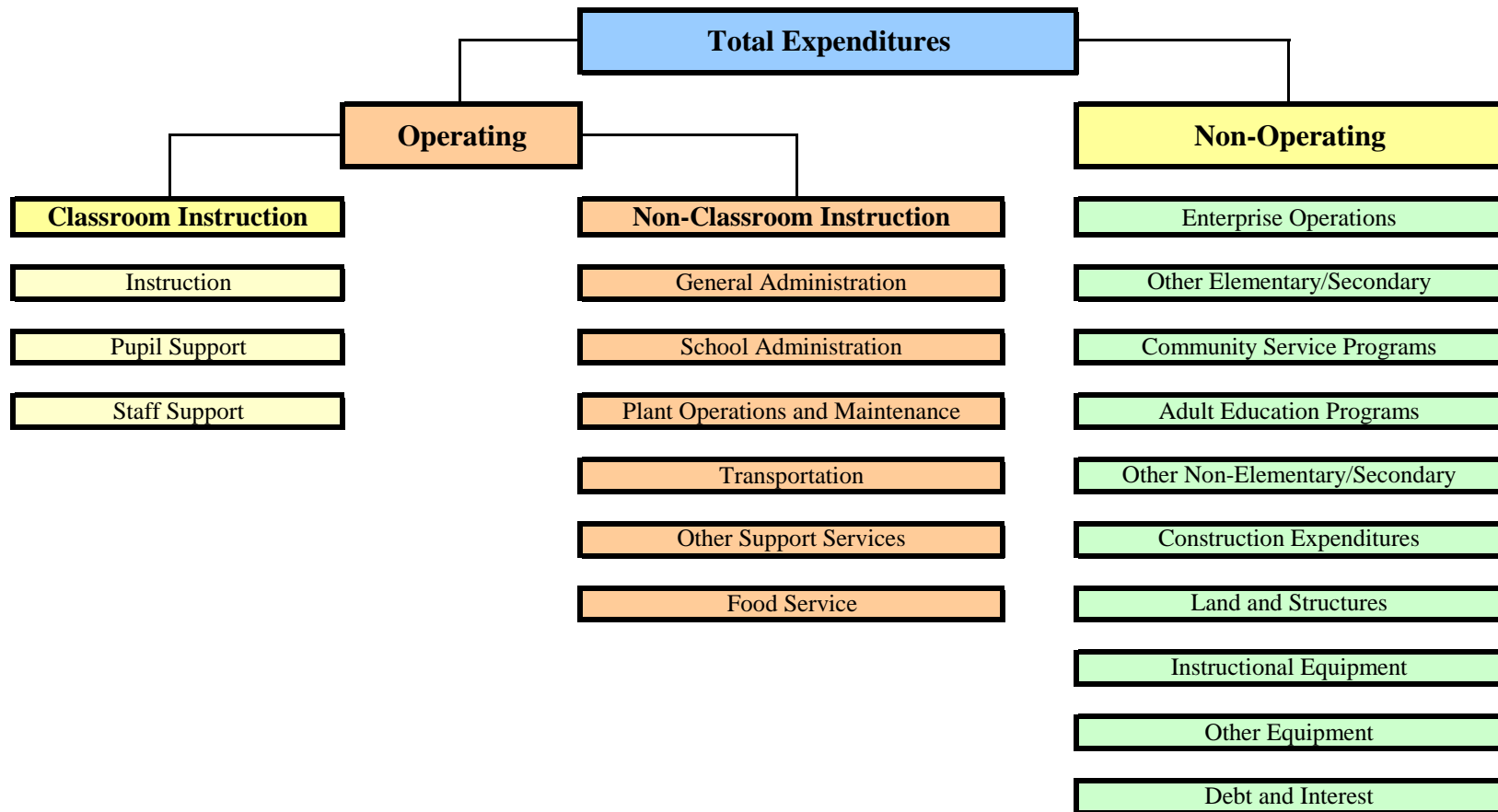
% of Students Earning Industry Credential



**MY SCHOOL DISTRICT - ADDENDUM II**  
**Section VIII - Expenditures as reported using ODE Expanded Methodology**

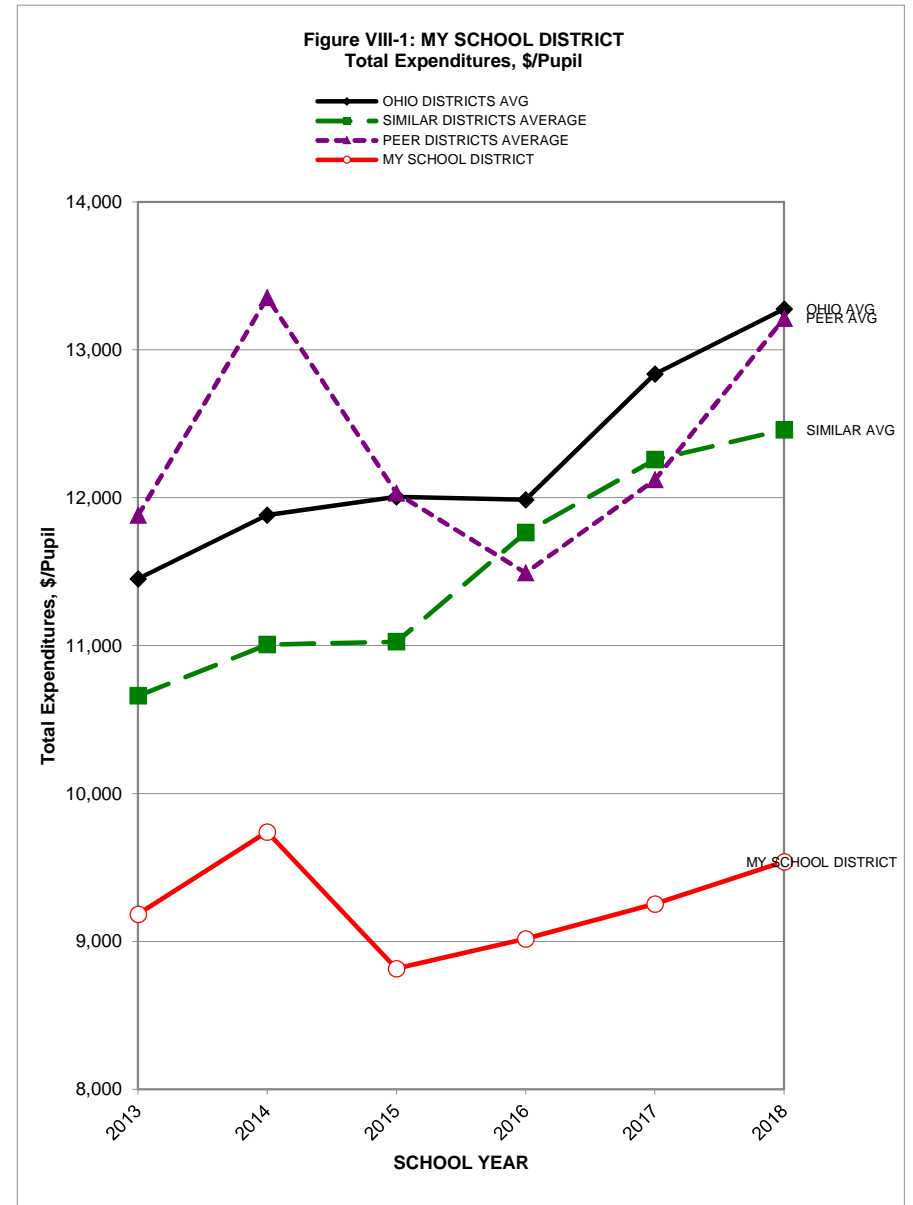
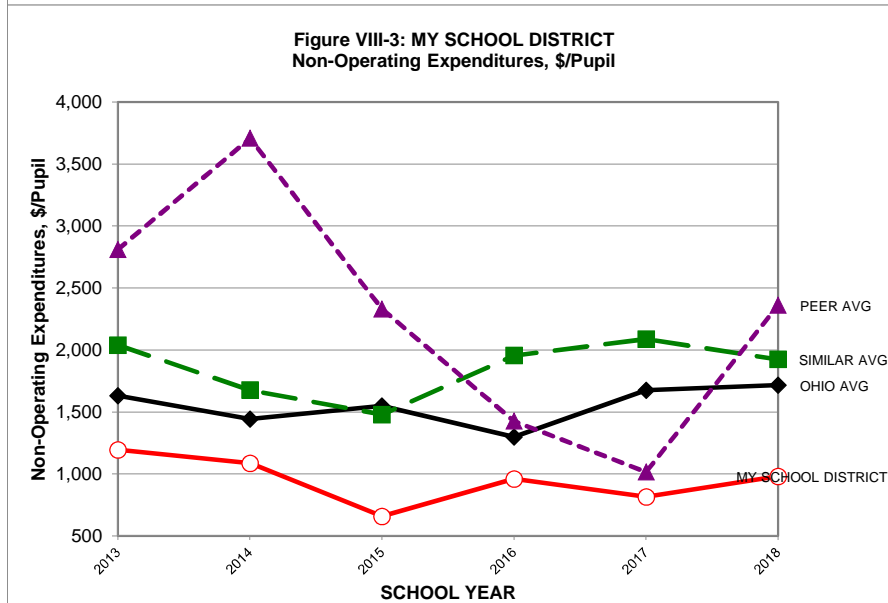
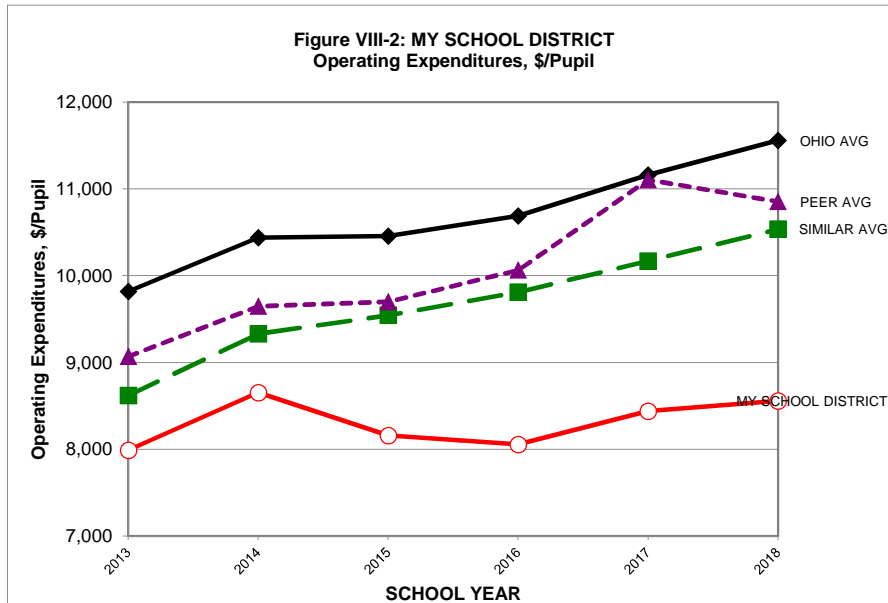
Through the 2011-2012 Fiscal Year, ODE reported district expenditures using the "Expenditure Flow Method" (EFM), in which expenditures were categorized into one of five categories: Instruction, Pupil Support, Staff Support, Administration, and Operations Support.

Starting with the 2012-2013 Fiscal Year, these were further broken down and categorized as shown below. Even though ODE is still reporting expenditures using EFM, it is gravitating towards this more detailed method. It can therefore be of value for districts to look at its expenditures and compare them with other districts according to these categories.



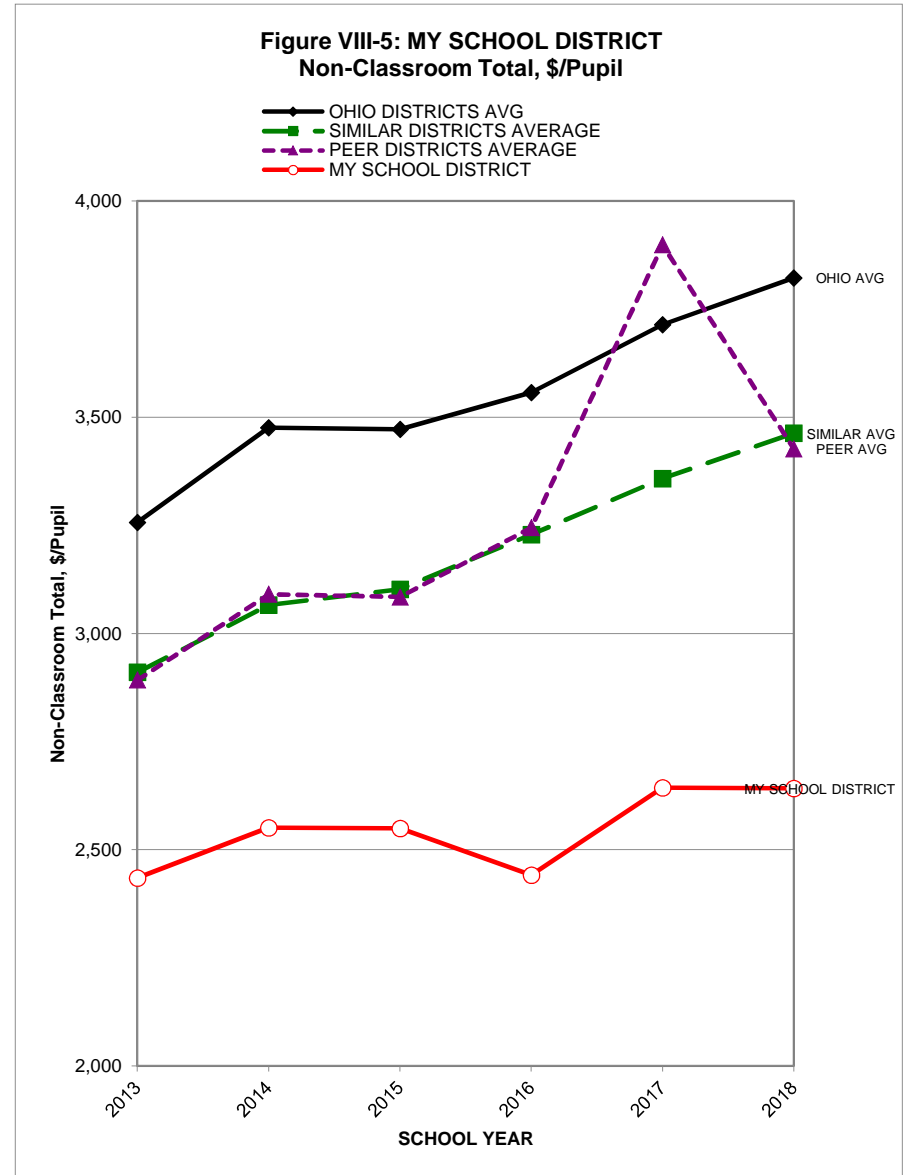
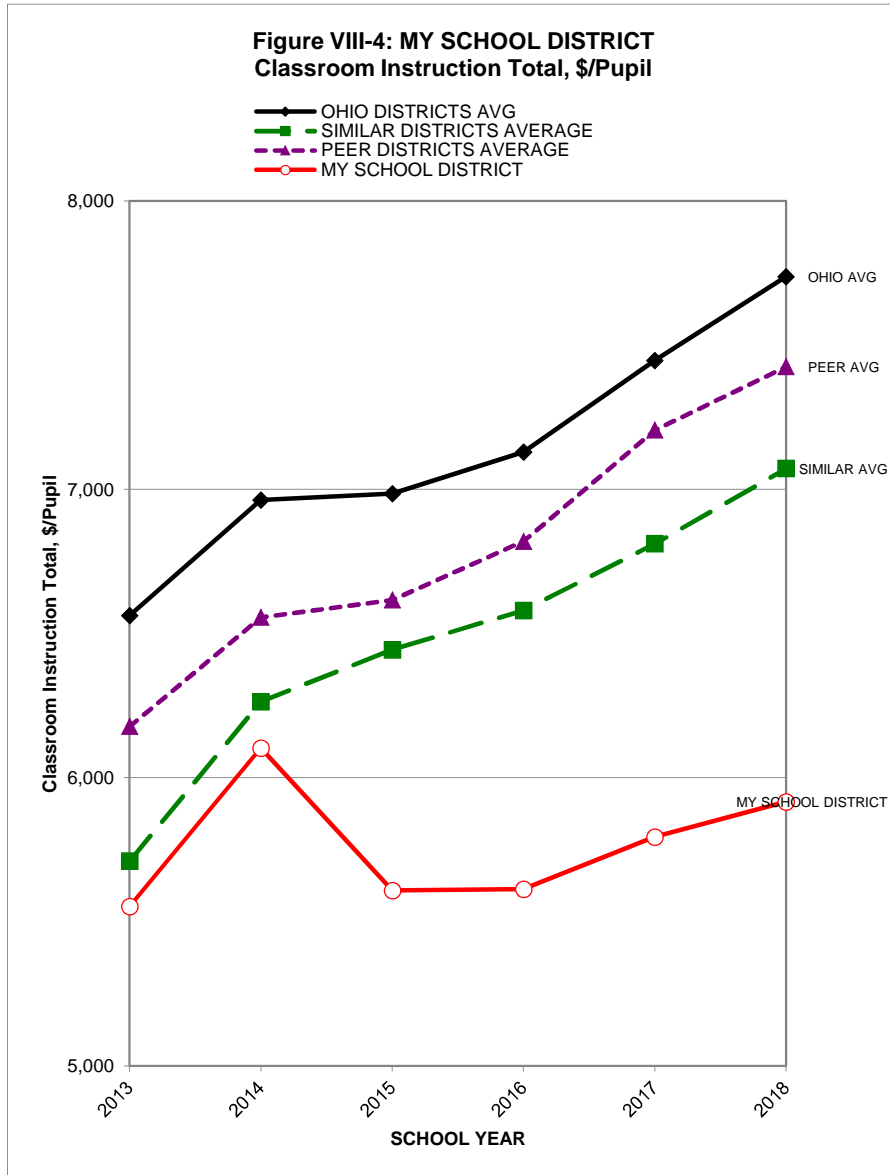
VIII: Expanded Per Pupil Expenditures using ODE's Expanded List

Figure VIII-1 shows Total Per Pupil Expenditures, both Operating and Non-Operating.  
 Figure VIII-2 shows Per Pupil Operating Expenditures and Figure VIII-3 shows Per Pupil Non-Operating Expenditures



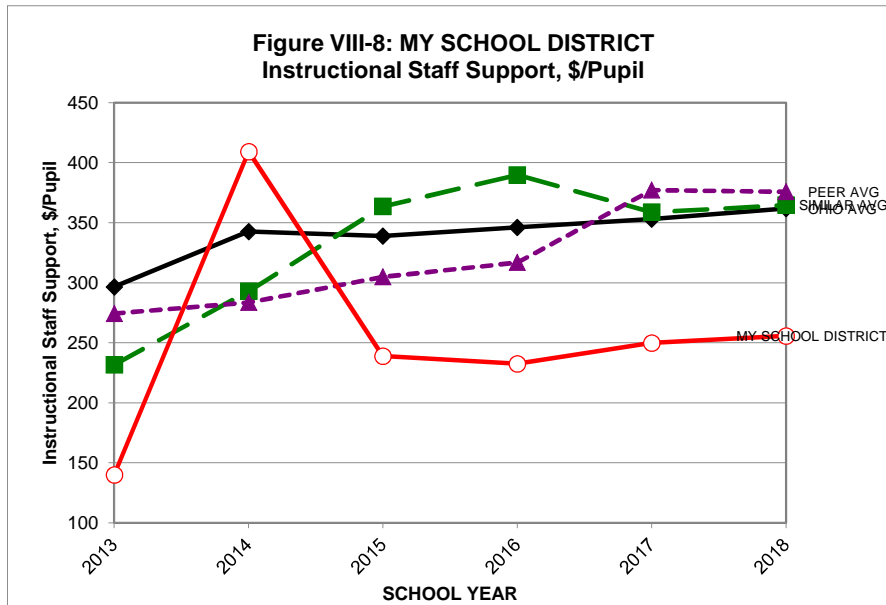
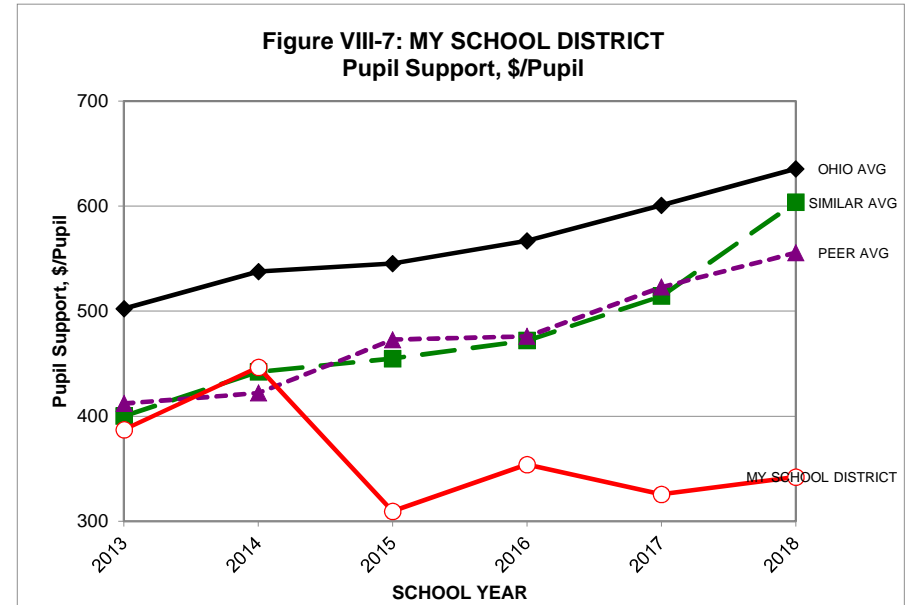
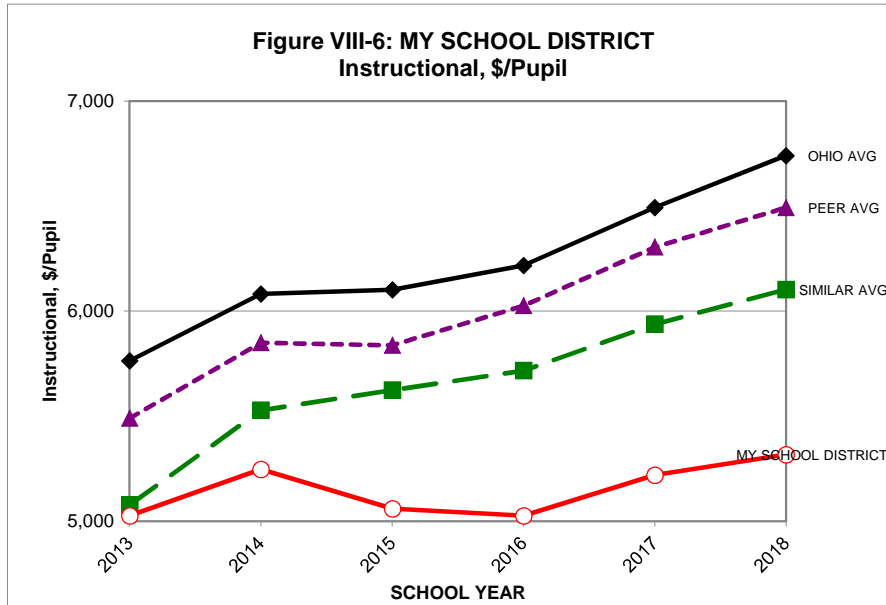
Operating Expenditures, Classroom and Non-Classroom

Figure VIII-4 shows Classroom Operating Expenditures  
 Figure VIII-5 shows Non-Classroom Operating Expenditures



Operating Expenditures - Classroom

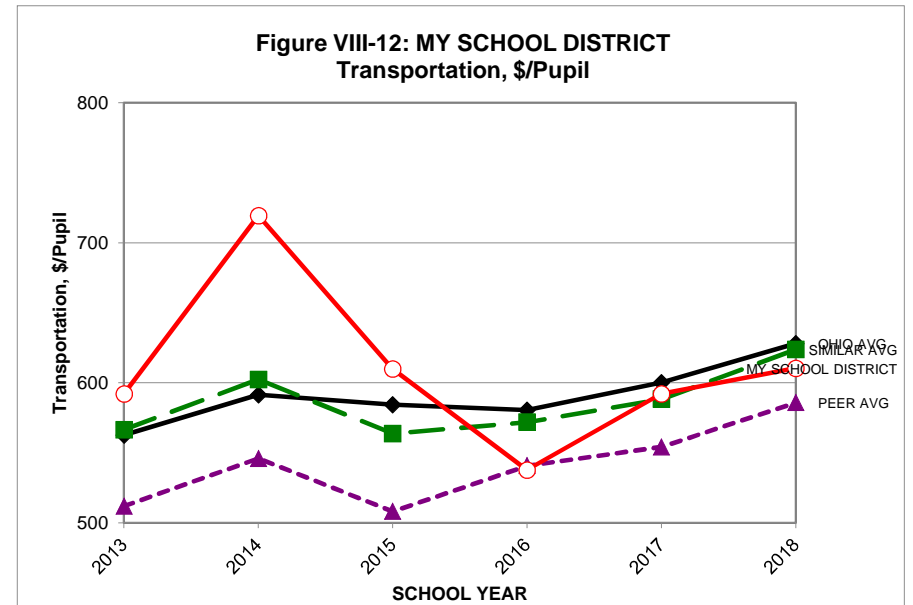
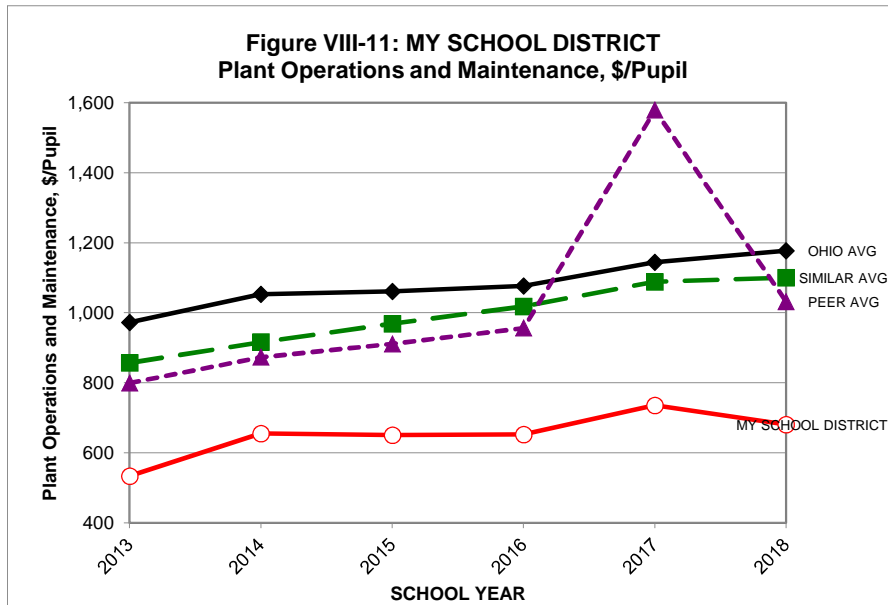
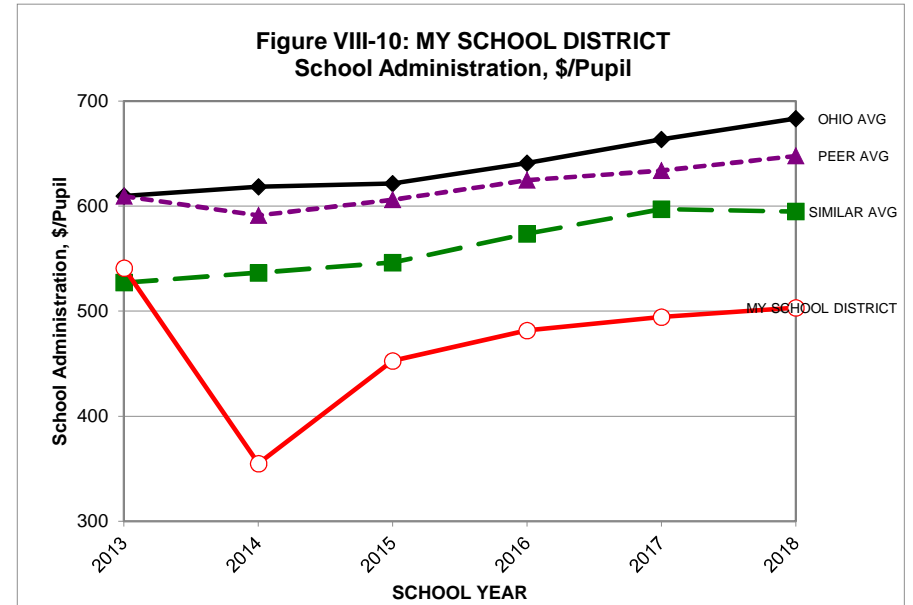
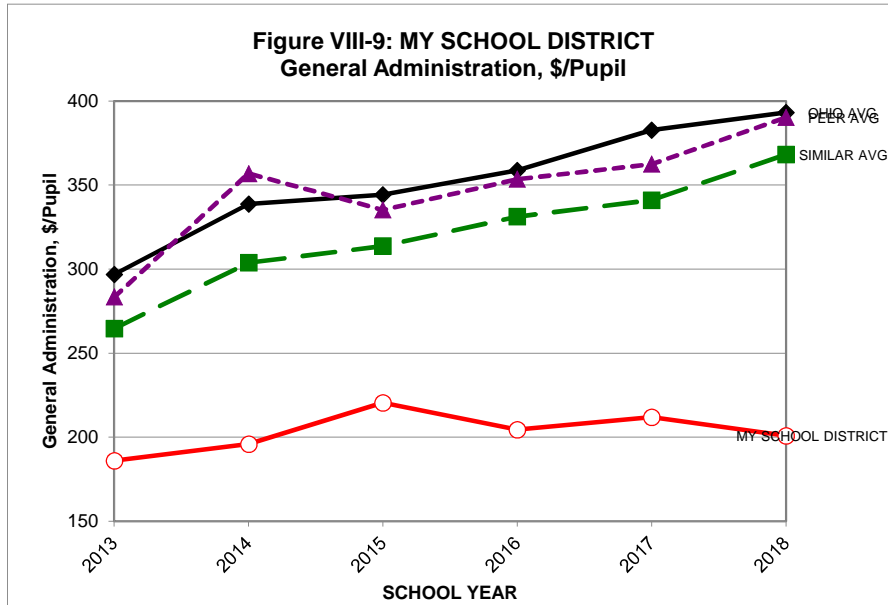
Figure VIII-6 shows Instructional Expenditures Expenditures  
 Figure VIII-7 shows Pupil Support Expenditures, and Figure VIII-8 shows Instructional Staff Support





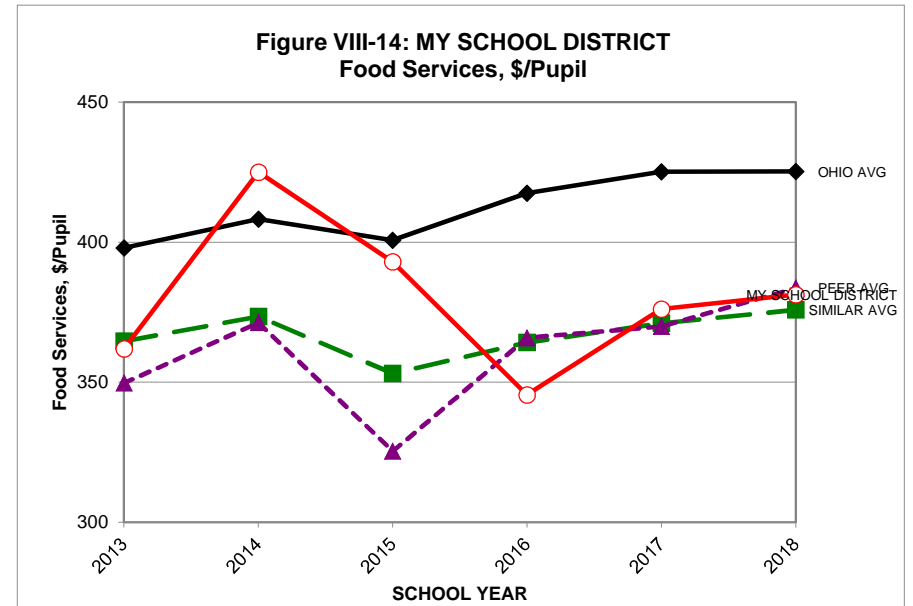
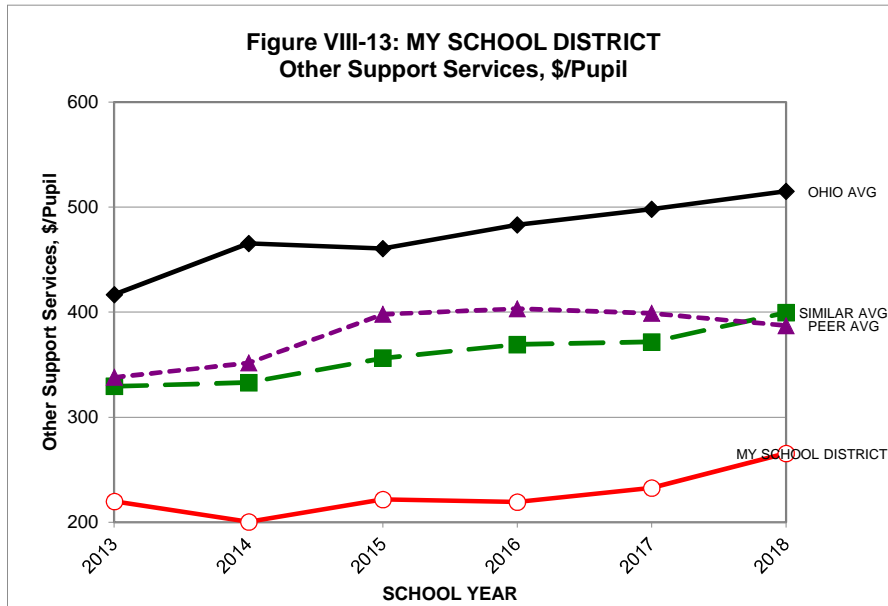
Operating Expenditures - Non-Classroom

Figure VIII-9 shows General Administration and Figure VIII-10 shows School Administration Expenditures  
 Figure VIII-11 shows Plant Operations/Maintenance and Figure VIII-12 shows Transportation Expenditures



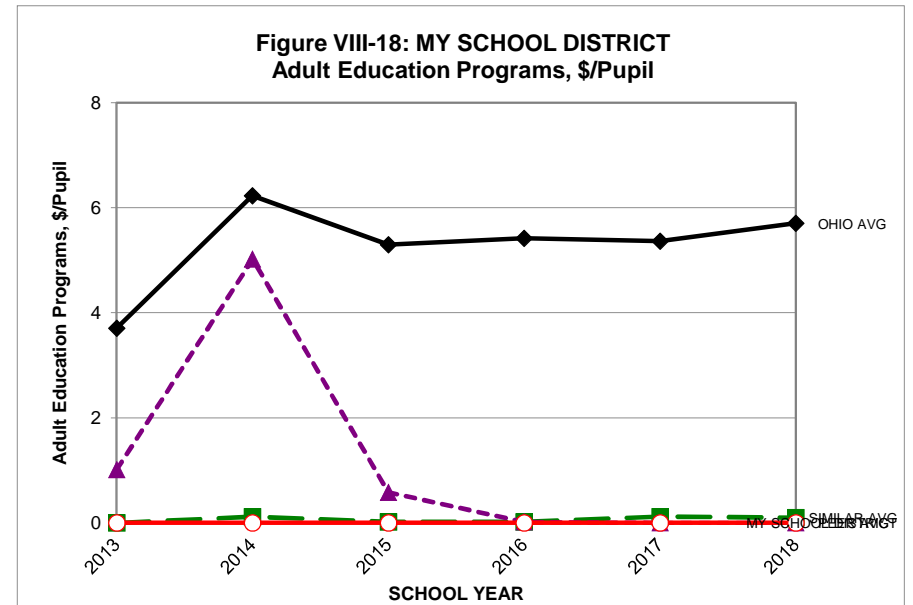
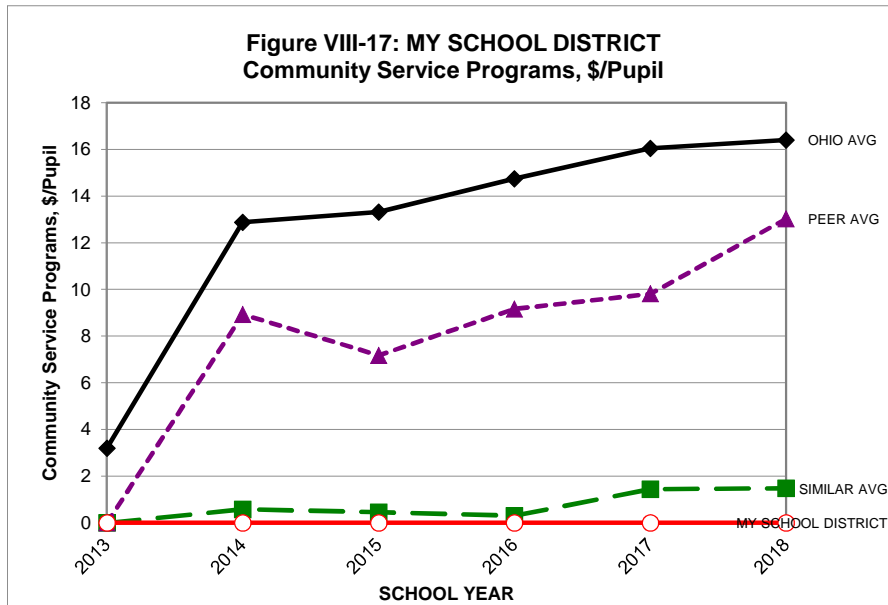
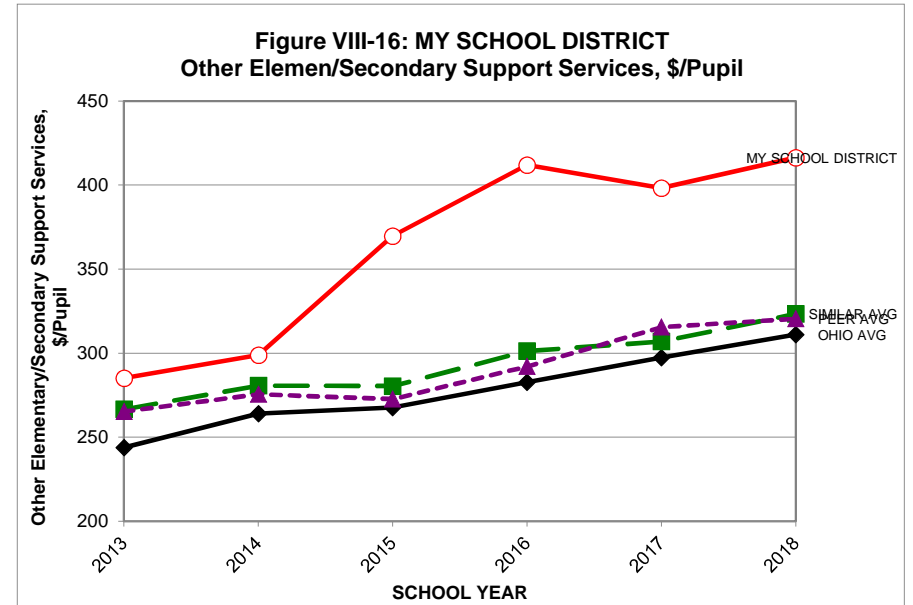
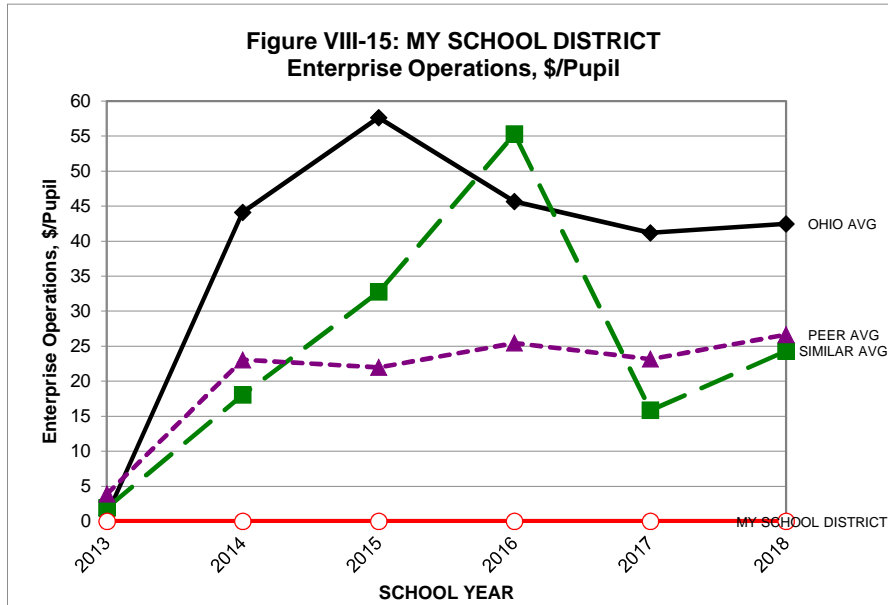
Operating Expenditures - Non-Classroom (cont'd)

Figure VIII-13 shows Other Support Services  
 Figure VIII-14 shows Food Service Expenditures



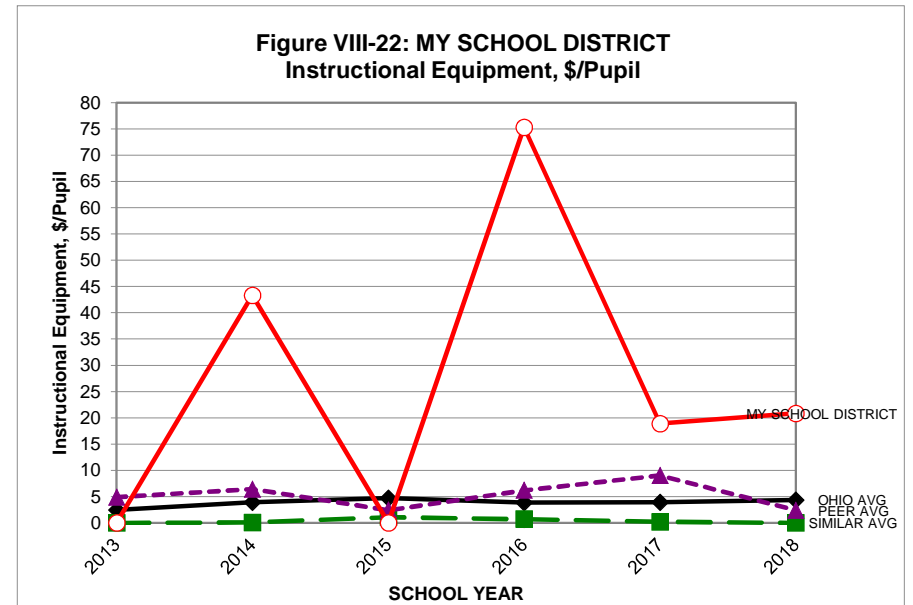
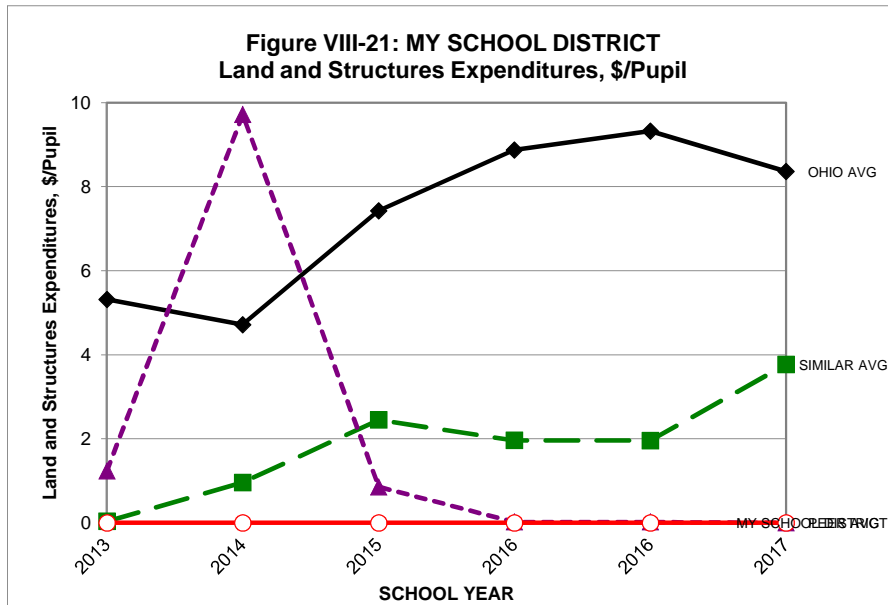
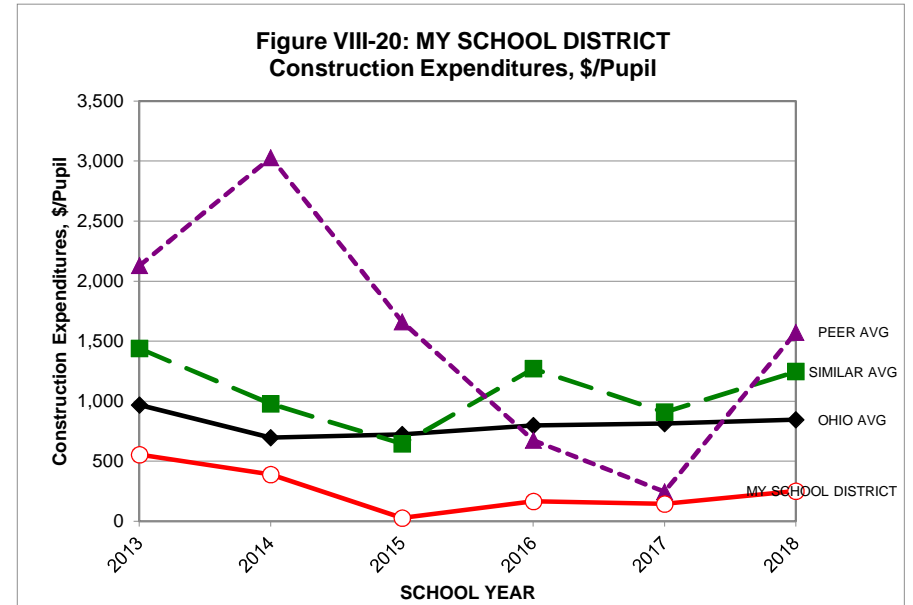
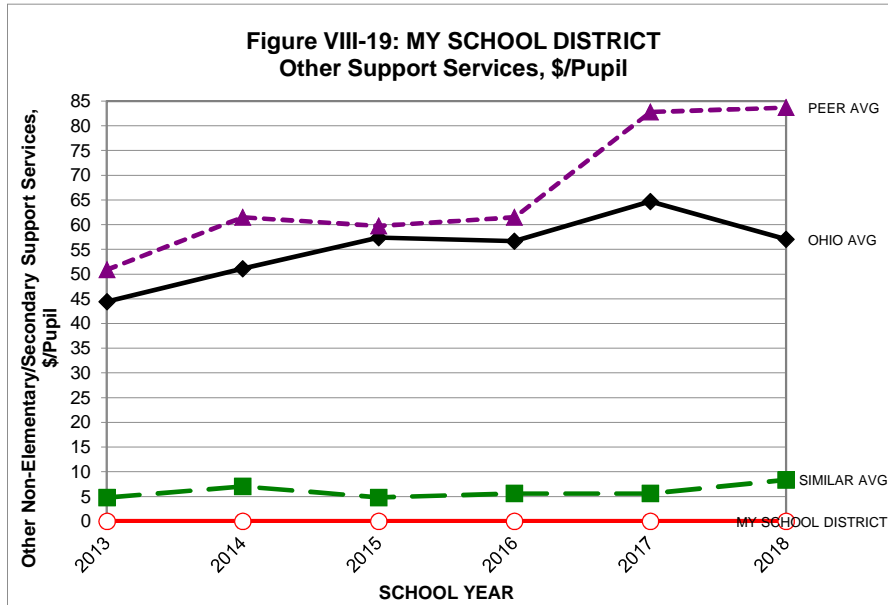
### Non-Operating Expenditures

Figure VIII-15 shows Enterprise Operations Expenditures and Figure VIII-16 shows Other Elementary/Secondary Support Services Expenditures  
 Figure VIII-17 shows Community Service Program Expenditures and Figure VIII-18 shows Adult Education Expenditures



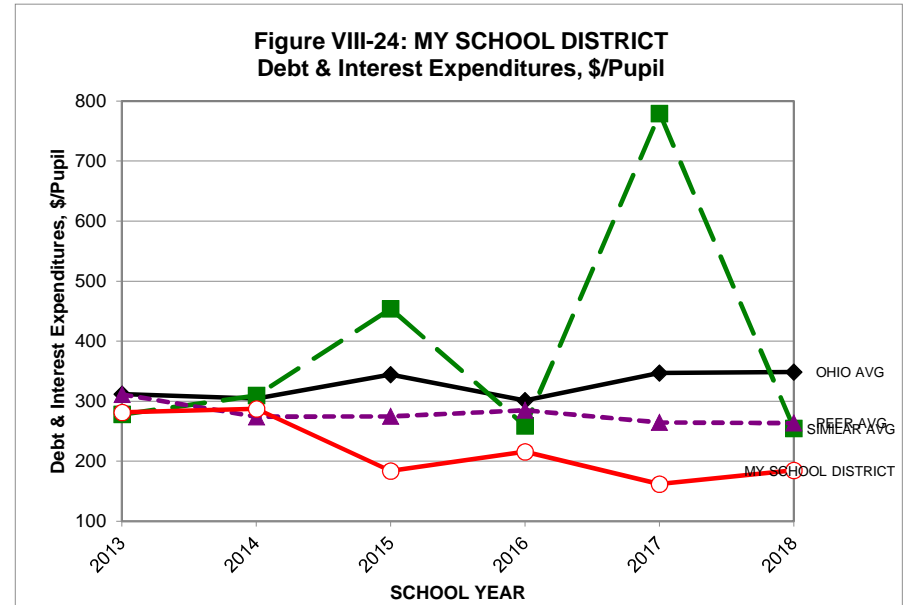
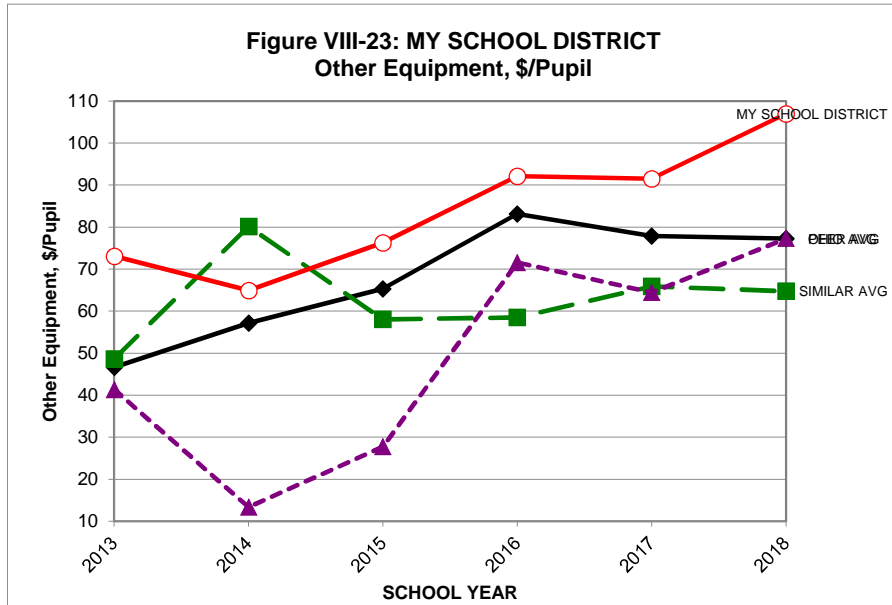
Non-Operating Expenditures (cont'd)

Figure VIII-19 shows Other Non-Elementary/Secondary Support Services Expenditures and Figure VIII-20 shows Construction Expenditures  
 Figure VIII-21 shows Land and Structures Expenditures and Figure VIII-24 shows Instructional Equipment Expenditures



Non-Operating Expenditures (cont'd)

Figure VIII-23 shows Other Equipment Expenditures and Figure VIII-24 shows Debt and Interest Expenditures





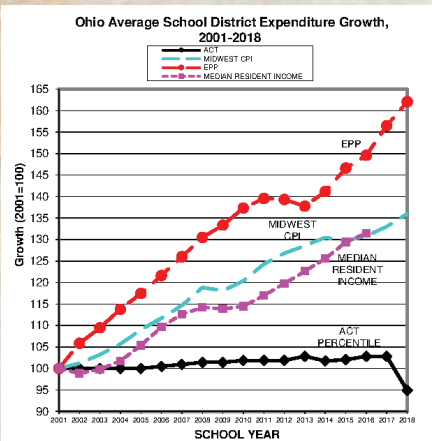


## WHY DO YOU NEED A REPORT?

Each year, the Ohio Department of Education collects megabytes of data on the academic and financial performance of each of the state's public school districts. These data are published in their annual Report Cards.

While the one-year performance figures in the Report Cards do provide a snapshot of each district (and capture everyone's attention when they are released), they are limited in their ability to show **year-over-year trends with inter-district comparisons** -- the kind of information you need to make informed decisions.

Ohio Trend Analytics takes each district's numbers, integrates them into our proprietary historical database of Ohio districts, analyzes them, and presents them in a manner which helps district decision makers to make the best decisions for their district's students.



## WHAT YOU RECEIVE

Your district's package includes the following:

1. A 40-page **Trend Report** with graphs of over 70 key academic and financial performance indicators (online, .pdf).
2. A 19-page **Addendum** with single year comparison plots and trend graphs for "Expanded Expenditures" (.pdf)
3. The ability to select up to 10 "**Peer Districts**," whose average is compared with your district's numbers.
4. A **Management Summary**, highlighting key areas of accomplishment and need.
5. Up to 2 hours of **remote conference consulting** time to walk through the meaning of the data with district decision makers. (On-site consultations can be arranged at an extra charge.)

## WHAT IT COSTS

Base Package: \$1950

Optional Add-ons:

1. A full set of images (.png) of all graphs, suitable for use in documents and presentations. \$250
2. A set of 8 hard copies of the Benchmarking Study, the Addendum, the Management Summary. \$160
3. A custom report in which your district is compared with just one other peer (rather than the Peer Average). \$250
4. One update for the Five Year Forecast charts when the May/October forecasts are issued. \$150
4. Additional consulting time as desired is quoted on a per-assignment basis.

## HOW TO ORDER

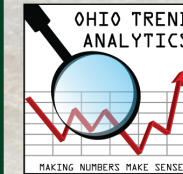
Call us at (614) 580-8544 or contact us by email at [info@ohiotrendanalytics.com](mailto:info@ohiotrendanalytics.com). We will need a list of your 10 Peer Districts.

Delivery is approximately one week from receipt of purchase order and Peer Districts.

## A SAMPLE REPORT

You can view a sample report on our website, [www.ohiotrendanalytics.com](http://www.ohiotrendanalytics.com).

## ABOUT US



Ohio Trend Analytics is a joint venture of K-12 Business Consulting, Inc. and Compare Ohio Schools, LLC, and brings to your district their combined experience and expertise.

K-12 Business Consulting is a premier consulting firm which works primarily with Ohio's public school districts.

**K-12**

Their associates are seasoned professional school business officials and administrators who have extensive experience as school superintendents, treasurers, and business managers. They know and understand public school business as only professionals who have held the position can. Their website is [k12consulting.net](http://k12consulting.net).

Compare Ohio Schools is an organization dedicated to the efficient and effective operation of Ohio's public schools.



Founded by a former business owner and past school board member, their team has extensive data on all Ohio public schools and is able through insightful analysis and graphing to provide easily understood and meaningful trend analysis of key financial and academic data. Their website is [www.compareohioschools.org](http://www.compareohioschools.org).

## QUESTIONS?

Do not hesitate to call us at (614) 580-8544 or by email at [info@ohiotrendanalytics.com](mailto:info@ohiotrendanalytics.com) with any questions you may have.

We can help you select your Peer Districts, address any specific issues, and provide more detail on what a Trend Report can do for your district.