

# SchoolNomics

## *The Dollar\$ and Sense of Education Spending*

Featuring

**In\$ite®**

The Finance Analysis Model for Education™

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x Entire document provided.  
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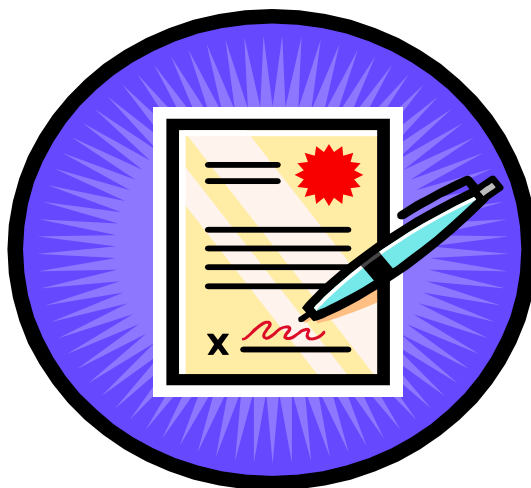
## Who Built In\$ite?

PriceWaterhouseCoopers

*Partnered with*

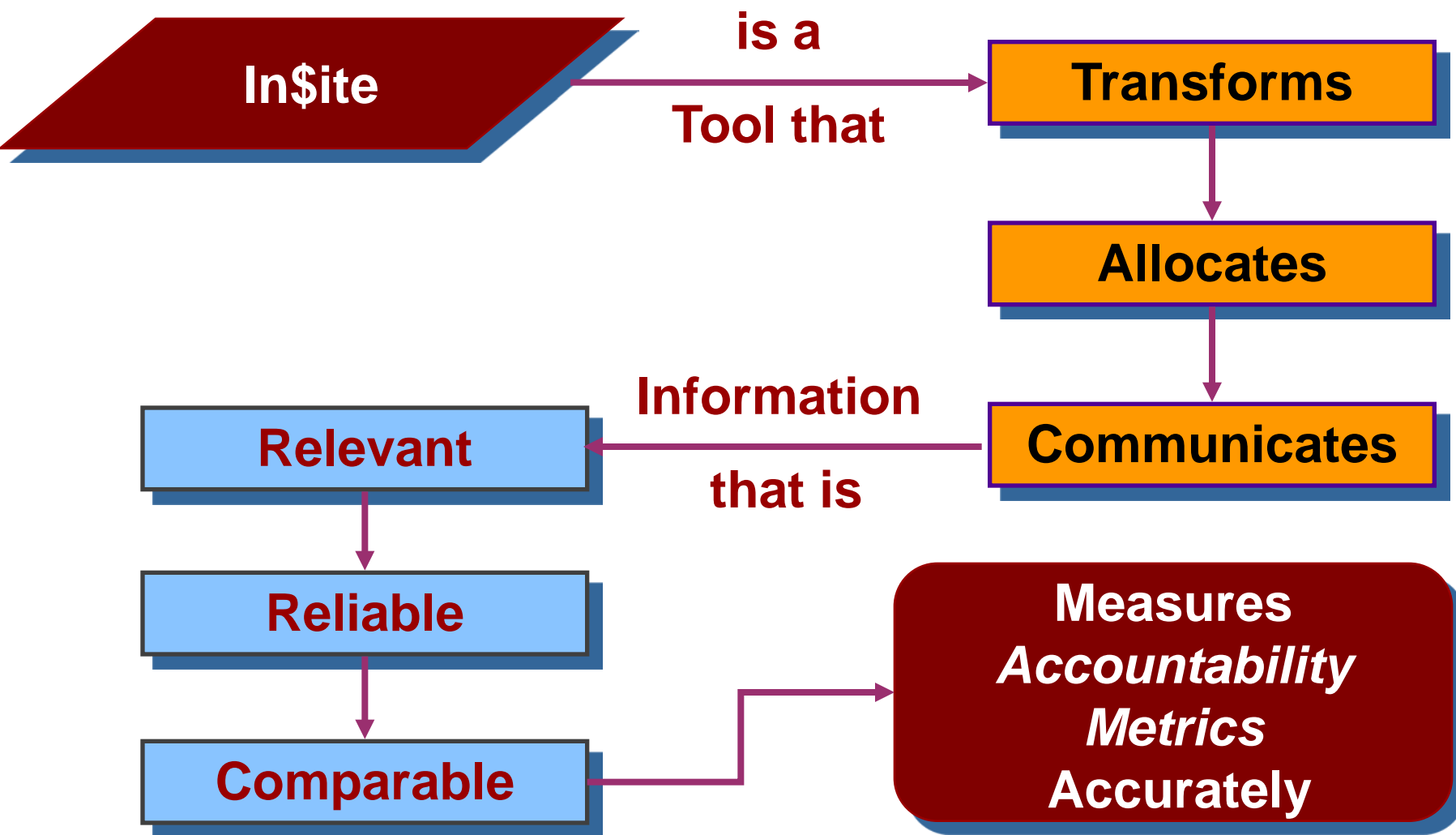
U.S. Chamber of Commerce =

*Patent*



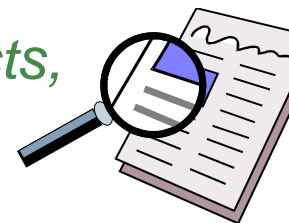
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## Key In\$ite Capabilities

- Measuring Cost Effectiveness – *Costs by Activity; not Category*
- ROI Analysis – *Cost Management*
- Meaningful Comparison of Data – *Same Methods for All Schools*
- Reports – *3 Dimensions and Multiple Elements*
  - Dimensions: Function, Program and Education Levels
  - Elements: State, Consortium, District, School, Per pupil
- Vast Database – *Huge database of \$ spent for all Districts, Charter Schools and Schools in NV – over 12 years*



## Measuring Accountability Metrics

### Converting Dollars Spent

*What Category*  *What Activities*

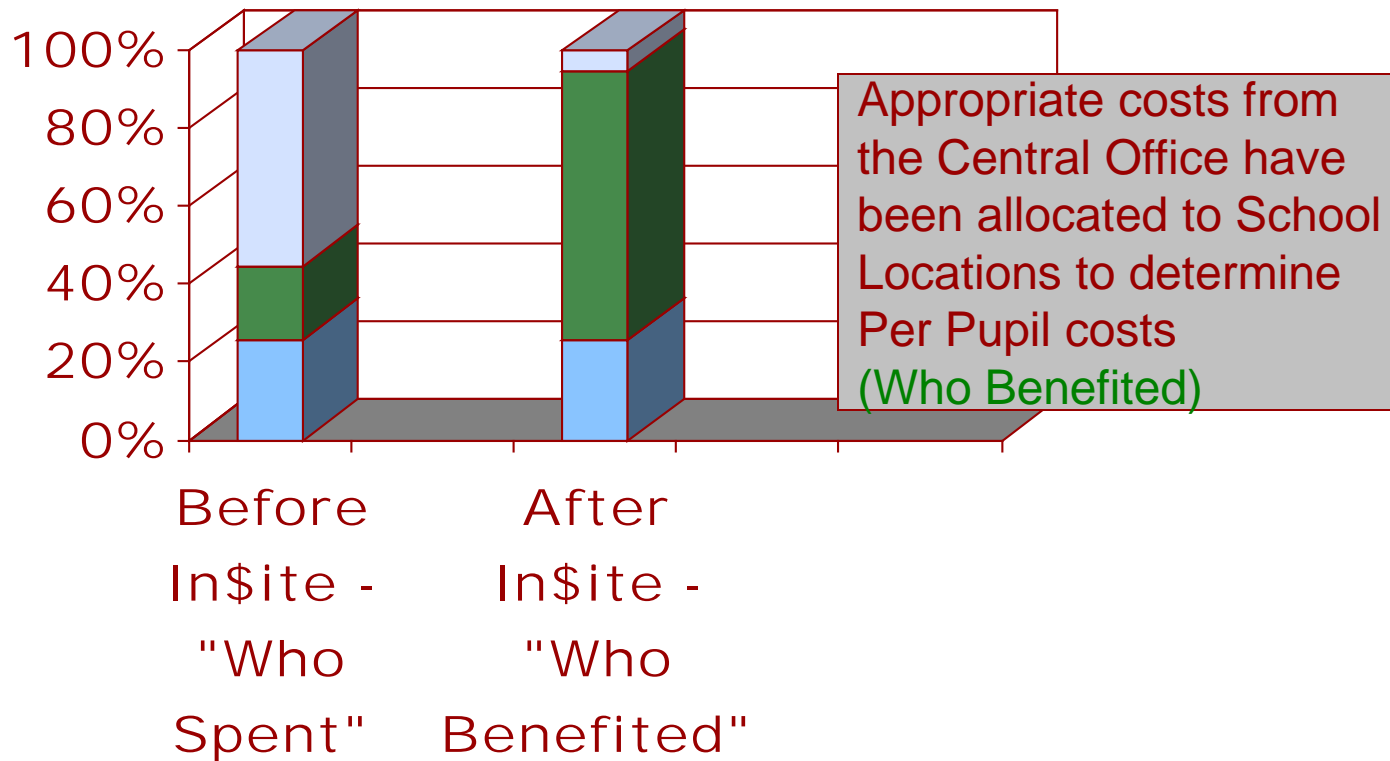
*Who Controlled*  *Who Benefited*

To Yield

*Accountability Metrics*



## Meaningful Comparisons



Other Commitments School Costs Central Office

## ARRA Reporting in Three Easy Steps

### #1 – Transform the Data

- Isolate only Required Funding Sources
- Transform District-Level Data to School-Level Data
- Transform Salaries to Functional Activities

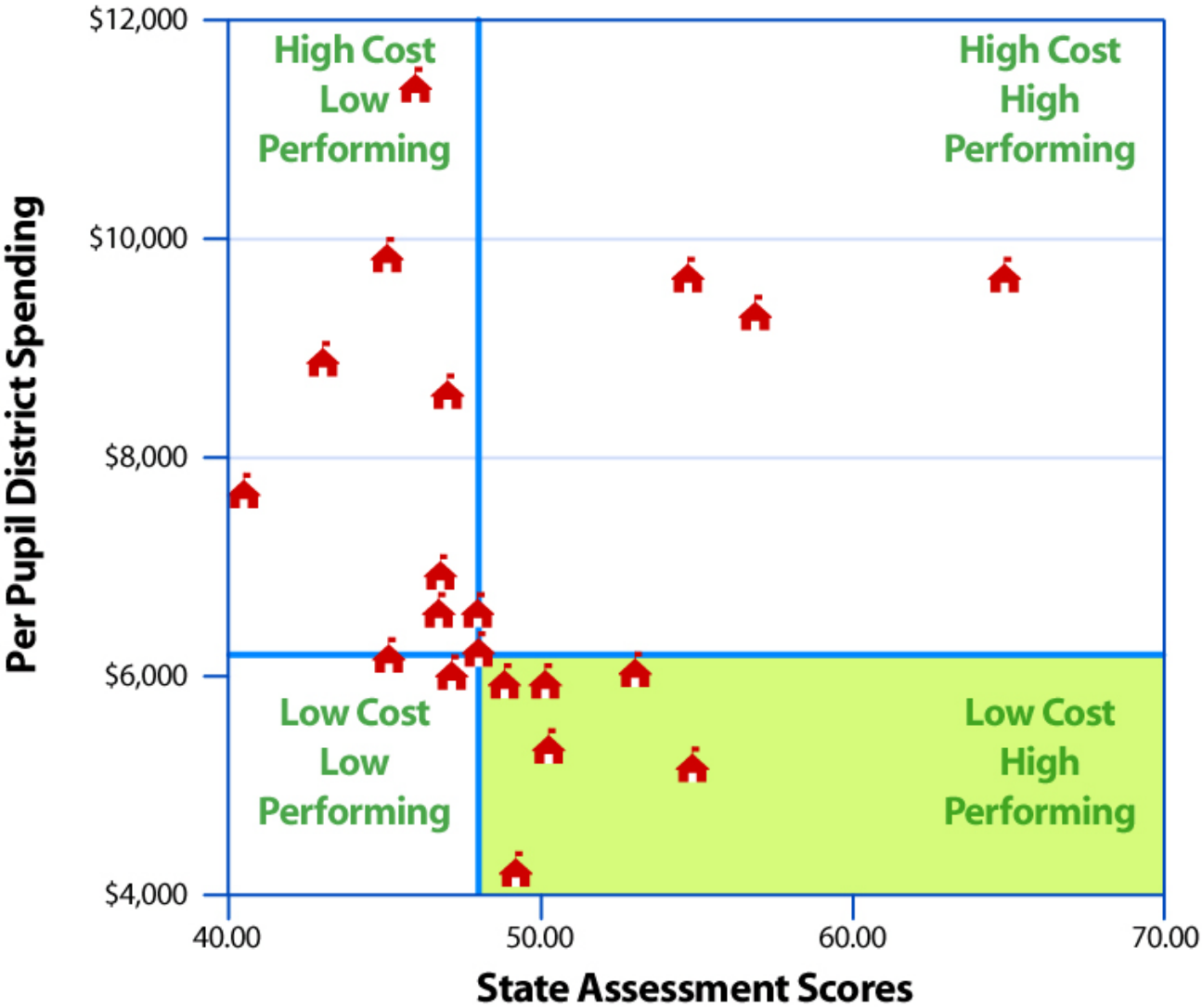
### #2 – Select The Right Data

- Isolate Teachers and Instructional Staff
- Isolate School-Level Instructional and Support Staff, and School Admin Costs
- Isolate Non-personnel related Costs
- Exclude non-required programs (e.g., Federal \$, Spec Ed, Pre-school)

### #3 – Report the Results

- Extract required Data into Database
- Export the Results in Proper format

## ROI: Cost Effective- ness Graph





# **Fiscal 2008/2009 Draft Financial Findings**

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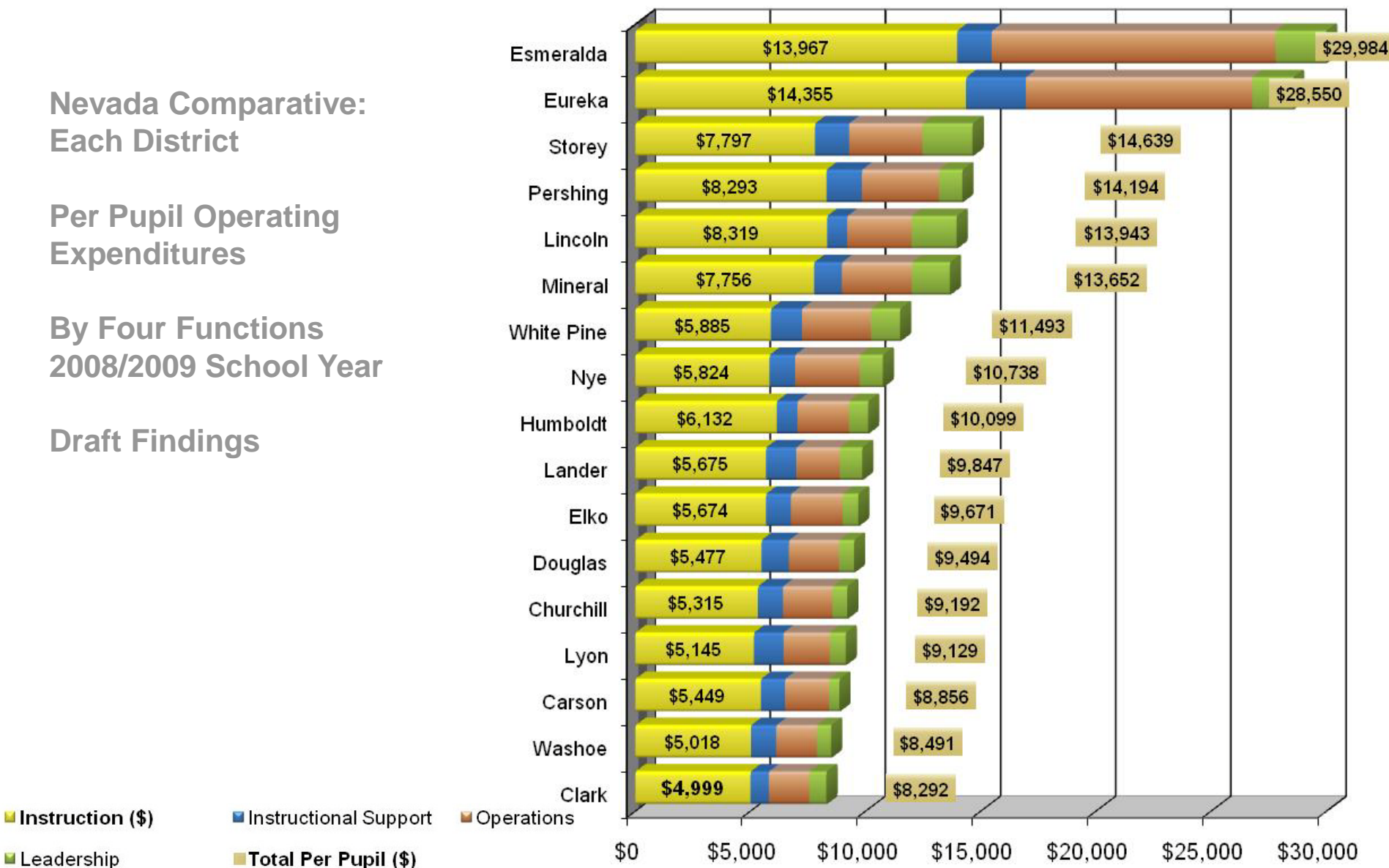
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## Nevada Comparative: Each District

## Per Pupil Operating Expenditures

## By Four Functions 2008/2009 School Year

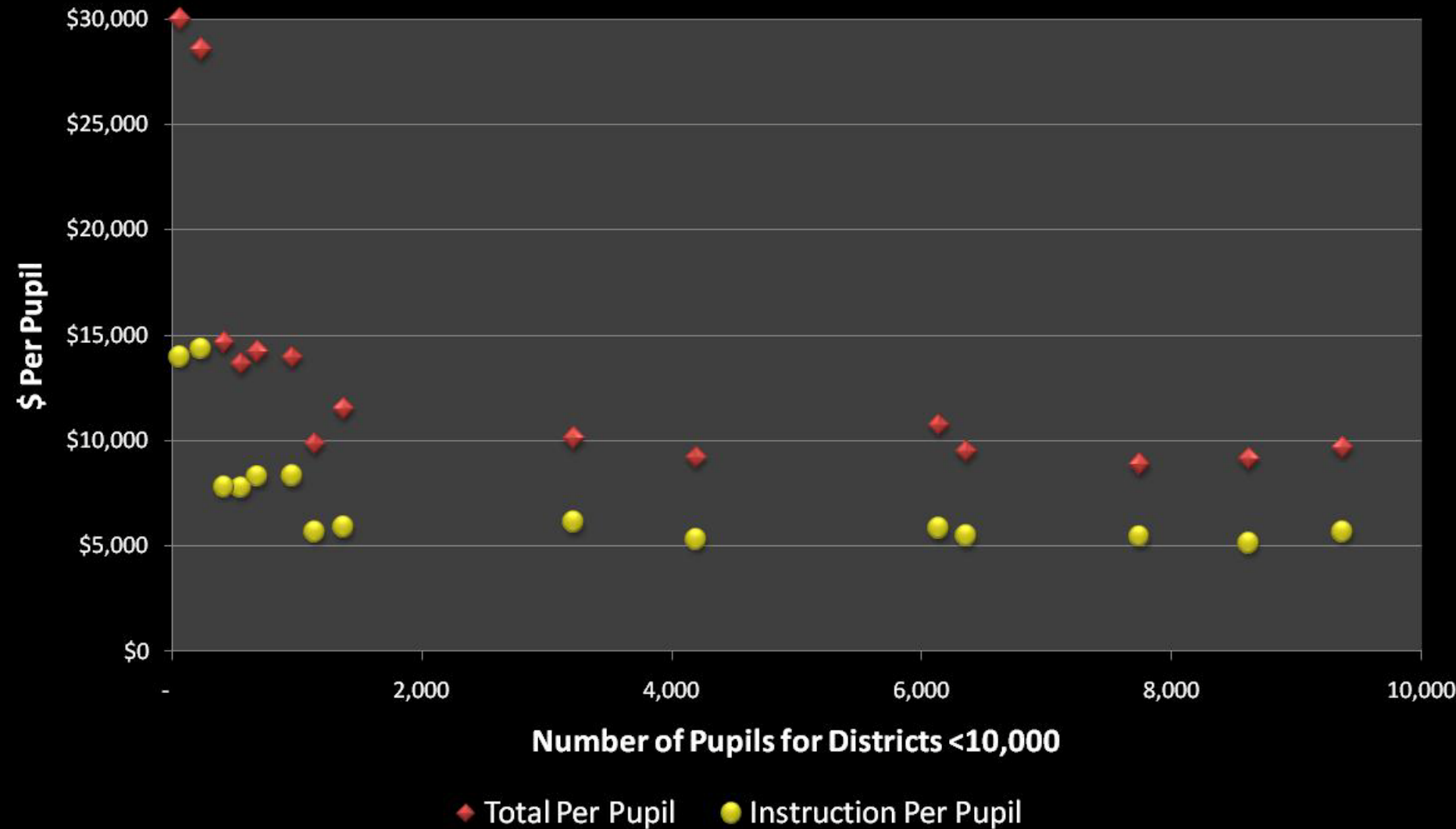
## Draft Findings



The scatter plot illustrates the relationship between the number of pupils and the cost per pupil. The Y-axis, labeled '\$ Per Pupil', ranges from \$0 to \$30,000. The X-axis, labeled 'Number of Pupils', ranges from 0 to 350,000. Two data series are plotted: 'Total Per Pupil' (red diamonds) and 'Instruction Per Pupil' (yellow circles). A blue box highlights the initial steep decline in costs for small numbers of pupils.

| Number of Pupils | Total Per Pupil (\$) | Instruction Per Pupil (\$) |
|------------------|----------------------|----------------------------|
| ~10,000          | ~30,000              | ~14,000                    |
| ~15,000          | ~11,000              | ~8,000                     |
| ~20,000          | ~9,000               | ~6,000                     |
| ~60,000          | ~8,500               | ~5,000                     |
| ~300,000         | ~8,500               | ~5,000                     |

## Nevada District Expenditures FY2008/09



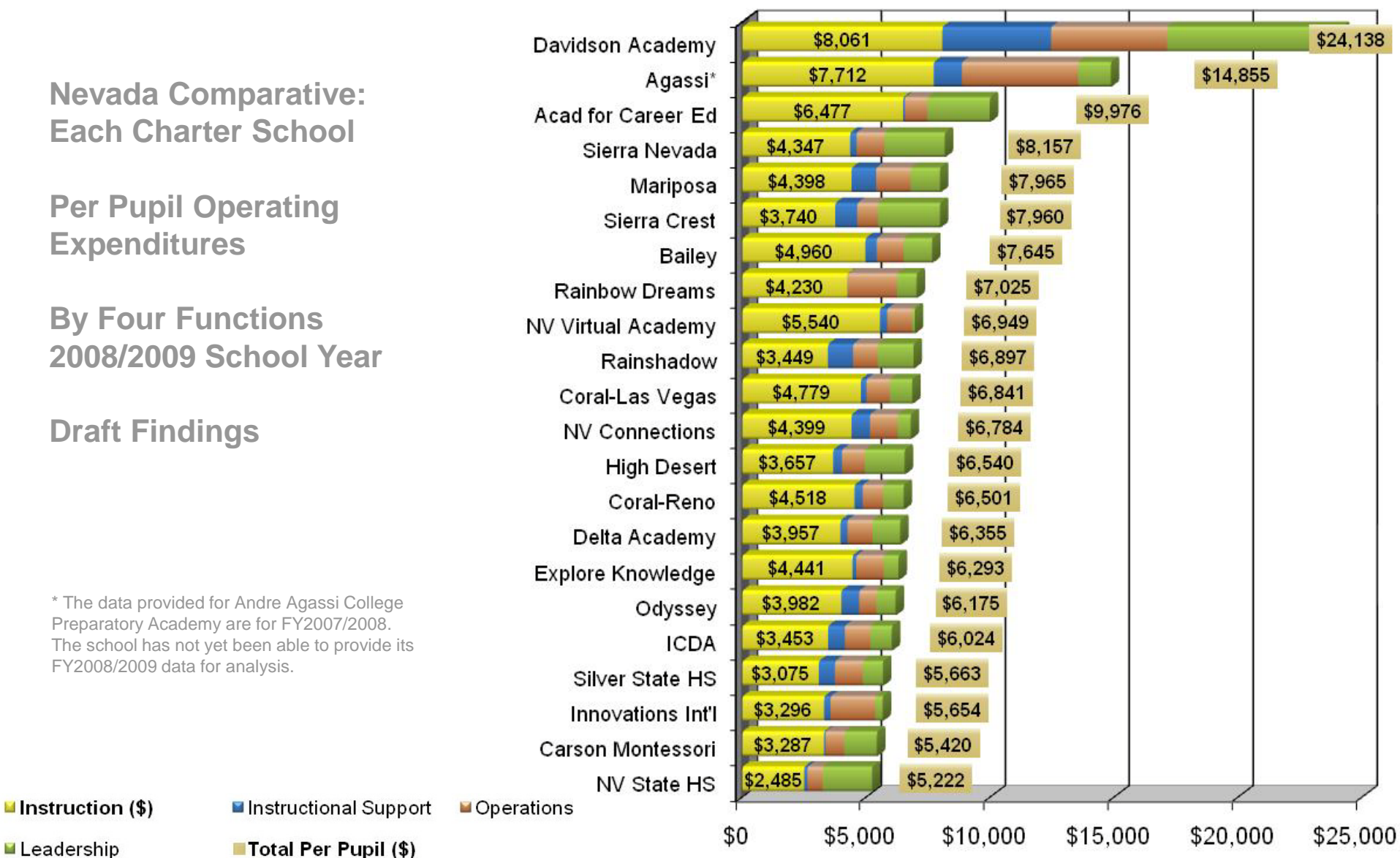
## Nevada Comparative: Each Charter School

## Per Pupil Operating Expenditures

## By Four Functions 2008/2009 School Year

## Draft Findings

\* The data provided for Andre Agassi College Preparatory Academy are for FY2007/2008. The school has not yet been able to provide its FY2008/2009 data for analysis.





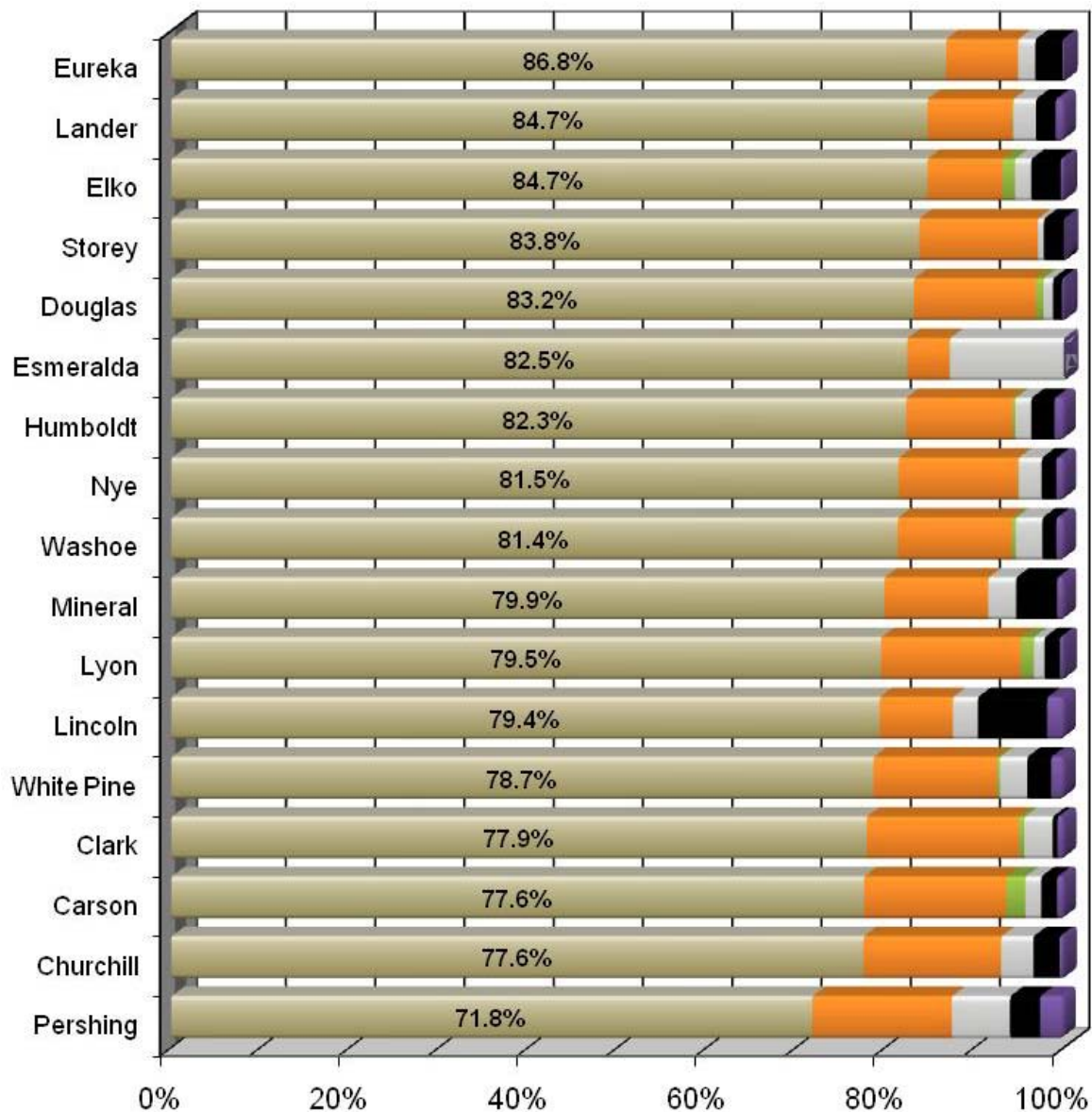
## Nevada Comparative: Each District

## %-To-Total Operating Expenditures

## Six Major Programs

(Four Function Expenditures)  
2008/2009 School Year

## Draft Findings



## Nevada Comparative: Each Charter School

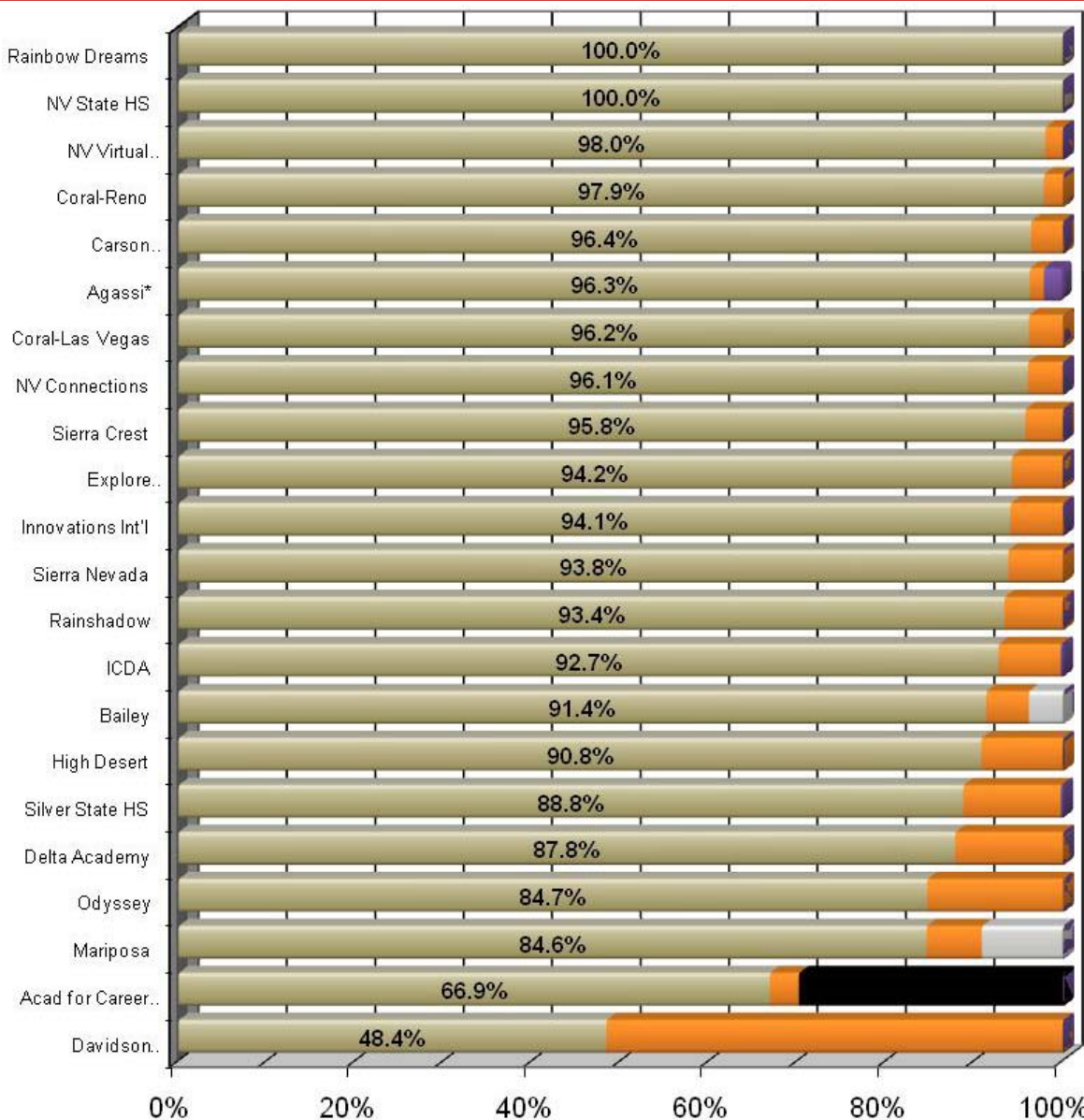
### %-To-Total Operating Expenditures

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(Four Function Expenditures)  
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### Draft Findings

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■ General Education (%)    ■ Special Education  
 ■ LEP / ELL    ■ Title 1  
 ■ Career & Tech    ■ Other Programs

**Fiscal 2008/2009  
Additional Analysis**

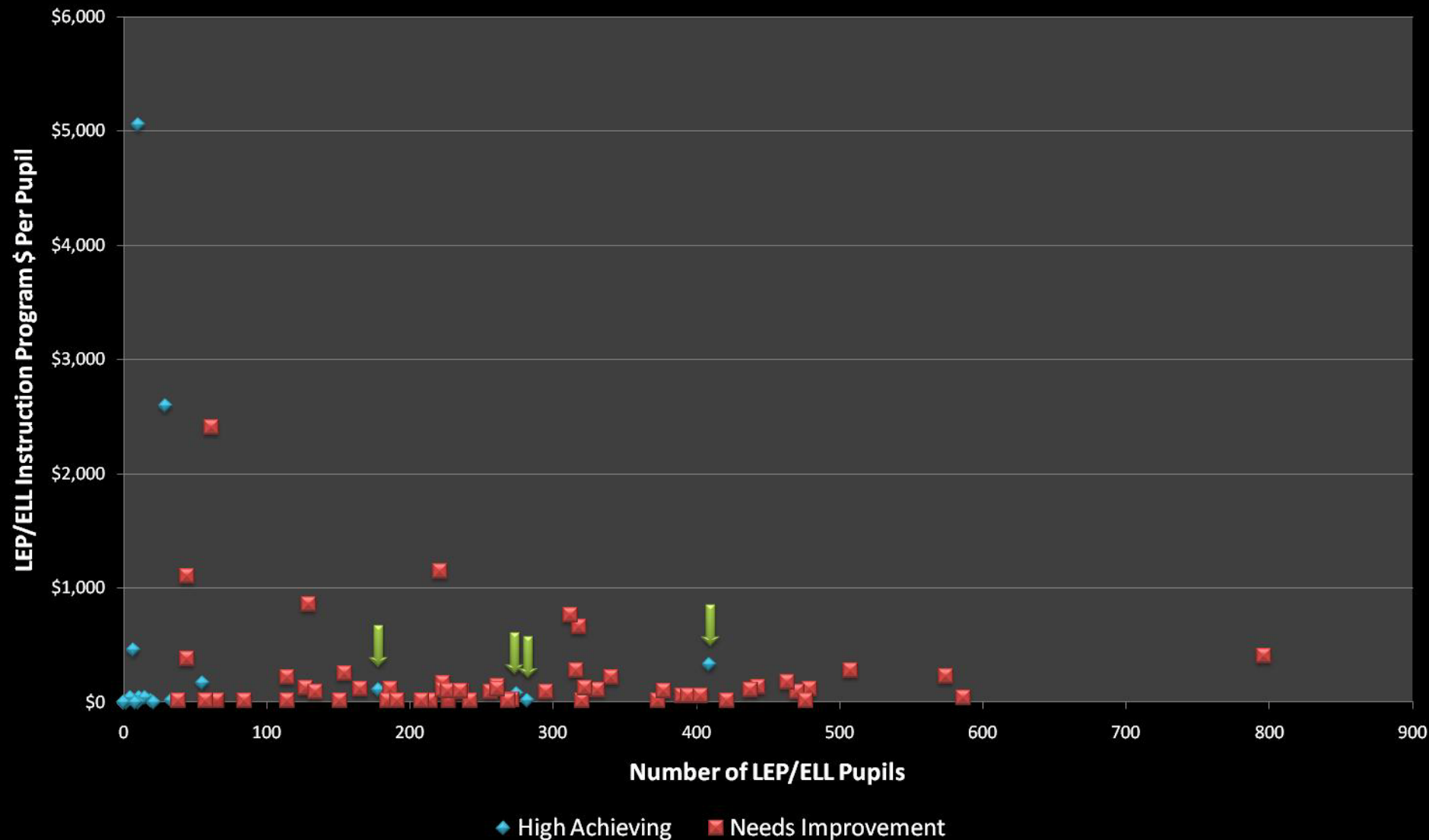
**Comparison:  
High Achieving Schools  
Needs Improvement Schools  
Persistently Low Achieving Schools**

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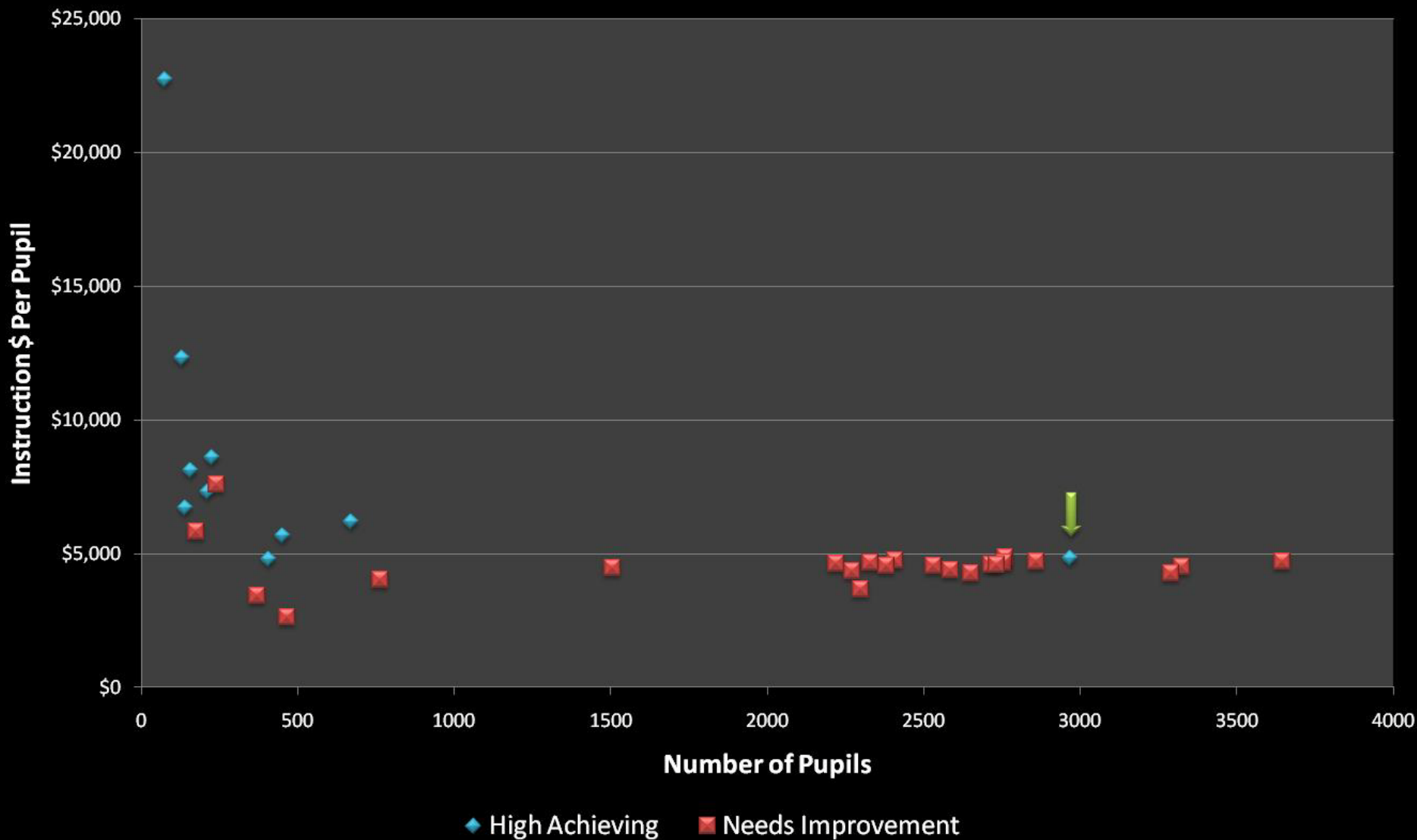
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## Nevada Elementary LEP/ELL Instruction \$ Per Pupil FY2008/09

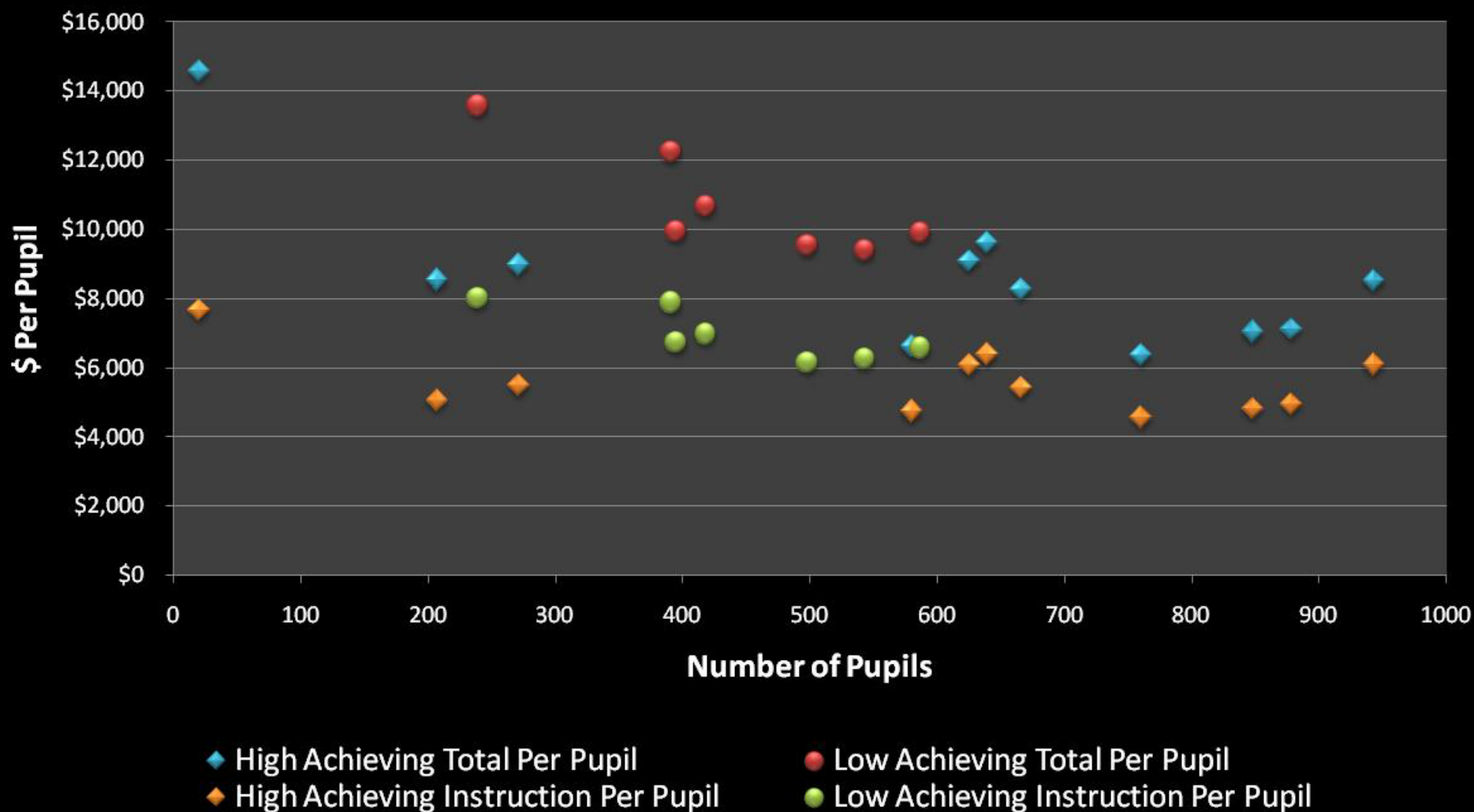


## Nevada High School Instruction \$ Per Pupil FY2008/09



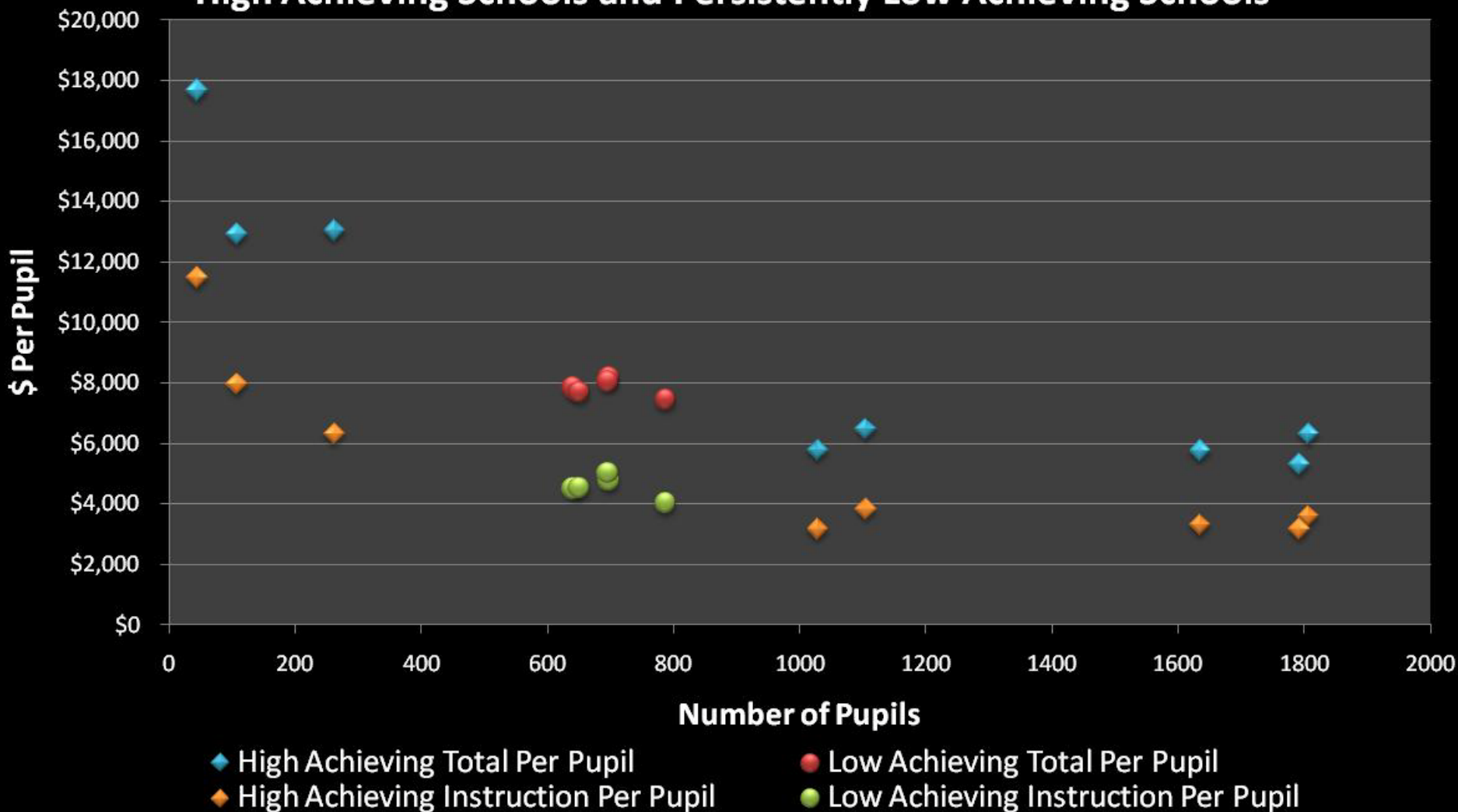
### Elementary Schools FY2008/09

#### High Achieving Schools and Persistently Low Achieving Schools



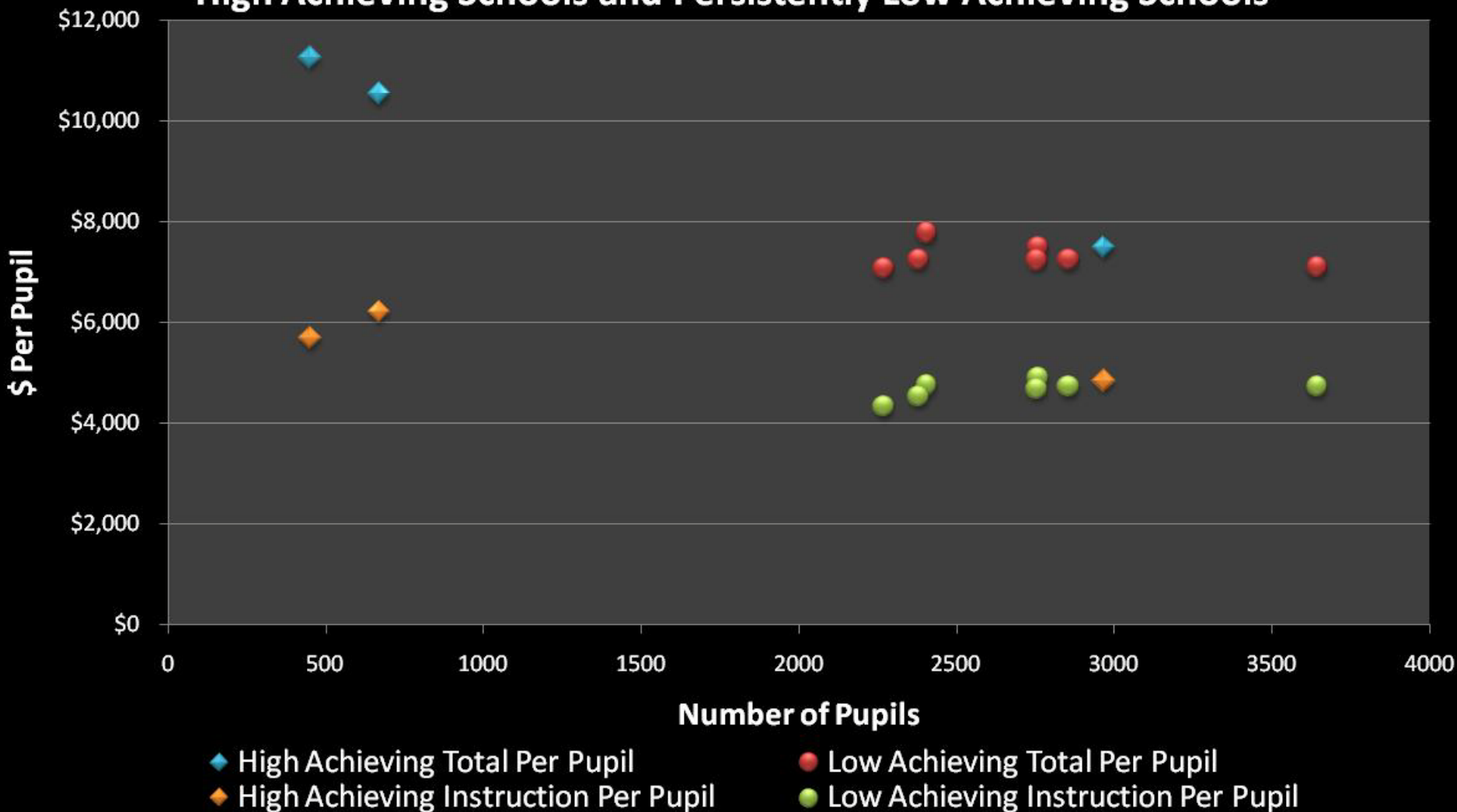
## Middle Schools FY2008/09

## High Achieving Schools and Persistently Low Achieving Schools



## High Schools FY2008/09

### High Achieving Schools and Persistently Low Achieving Schools



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