



**OAKLAND UNIFIED  
SCHOOL DISTRICT**

*Community Schools, Thriving Students*

# OUSD Data Snapshot

## Student Achievement & Spending Patterns



Presented by Superintendent Antwan Wilson

Presented to The Board of Education

October 5, 2016

[www.ousd.org](http://www.ousd.org)



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# OUSD Data Snapshot

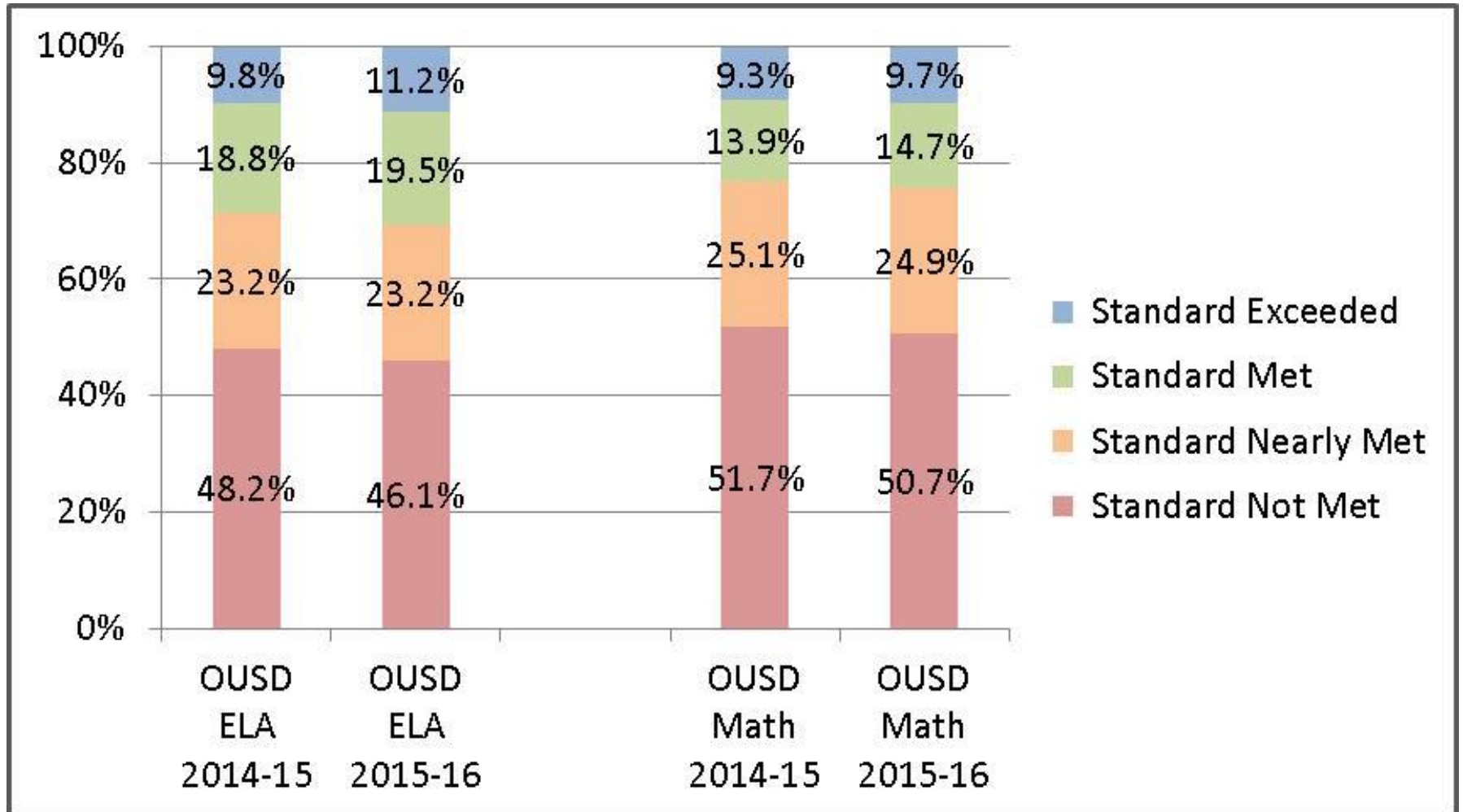
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SBAC

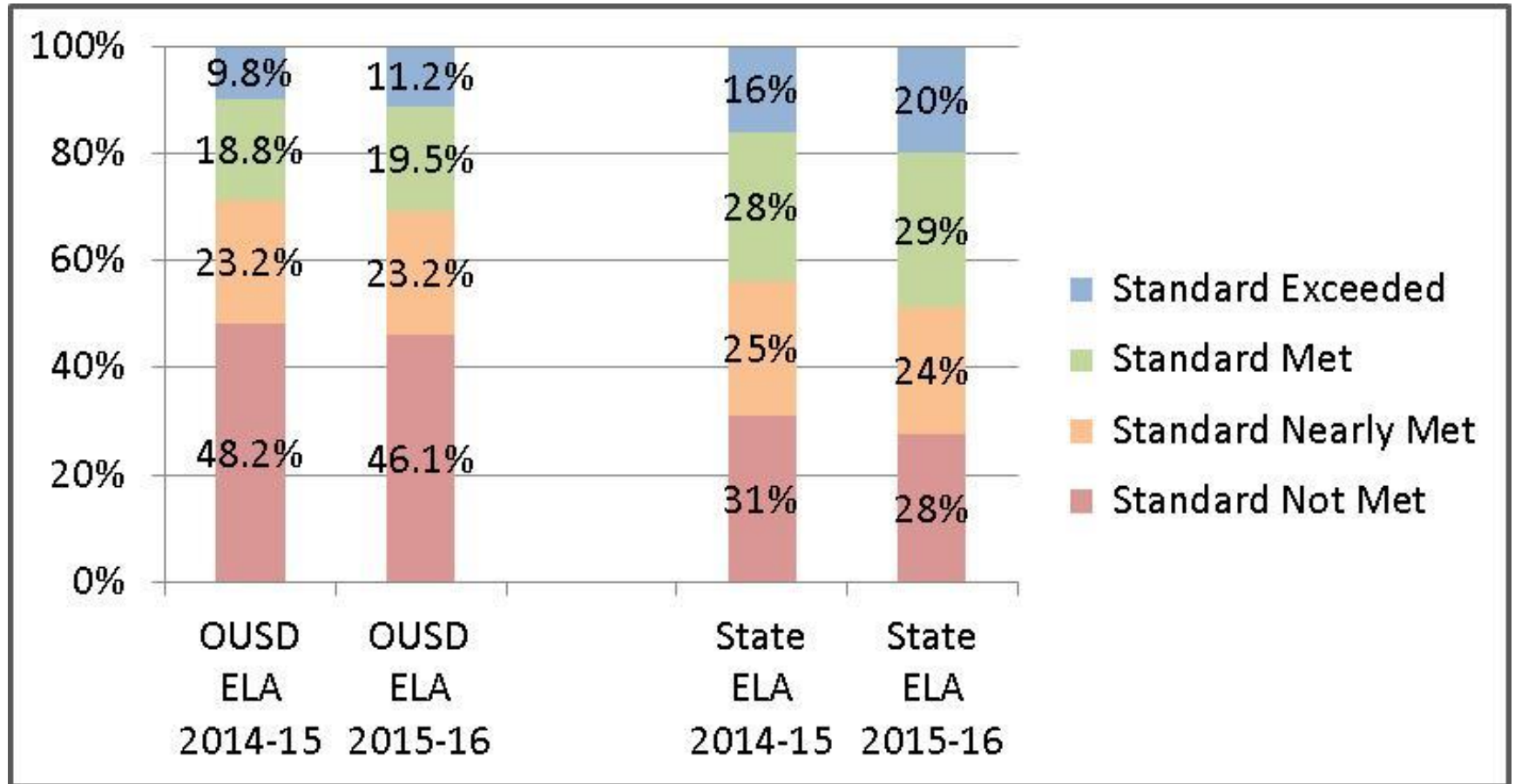
CORE Median Growth Percentiles

Spending Patterns

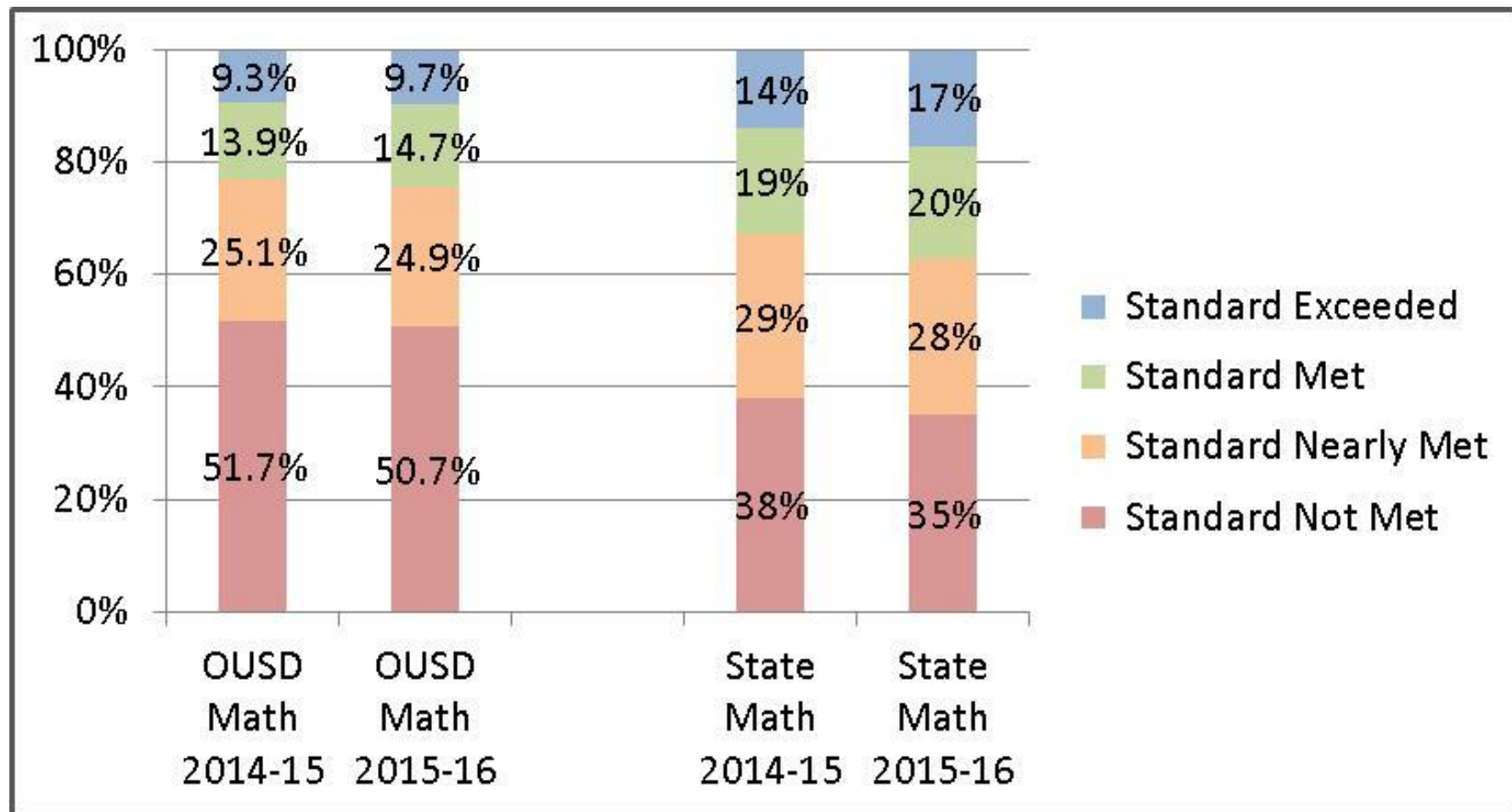
# Overall District Results



# Overall - State Comparison ELA

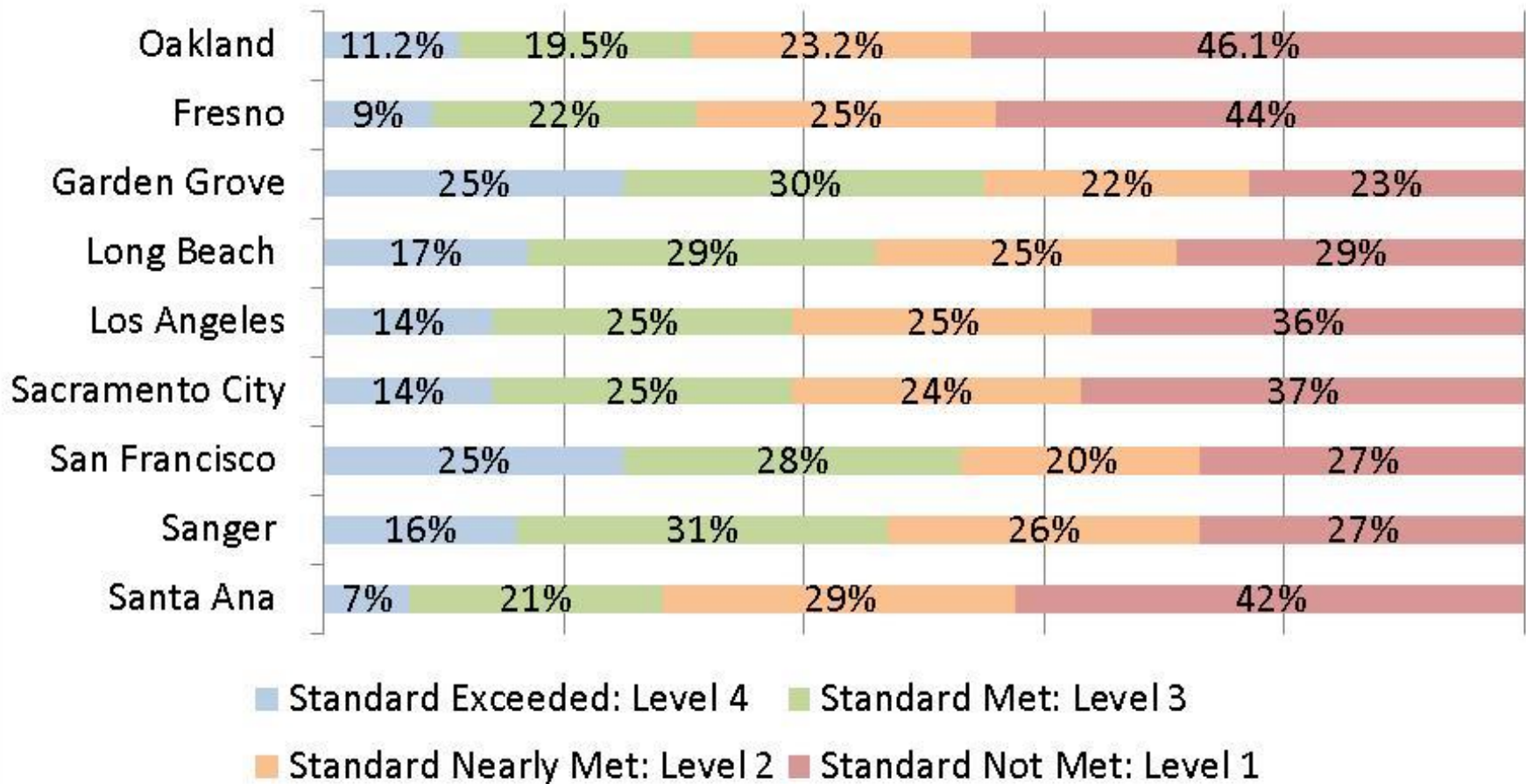


# Overall - State Comparison MATH



# CORE Comparisons - ELA

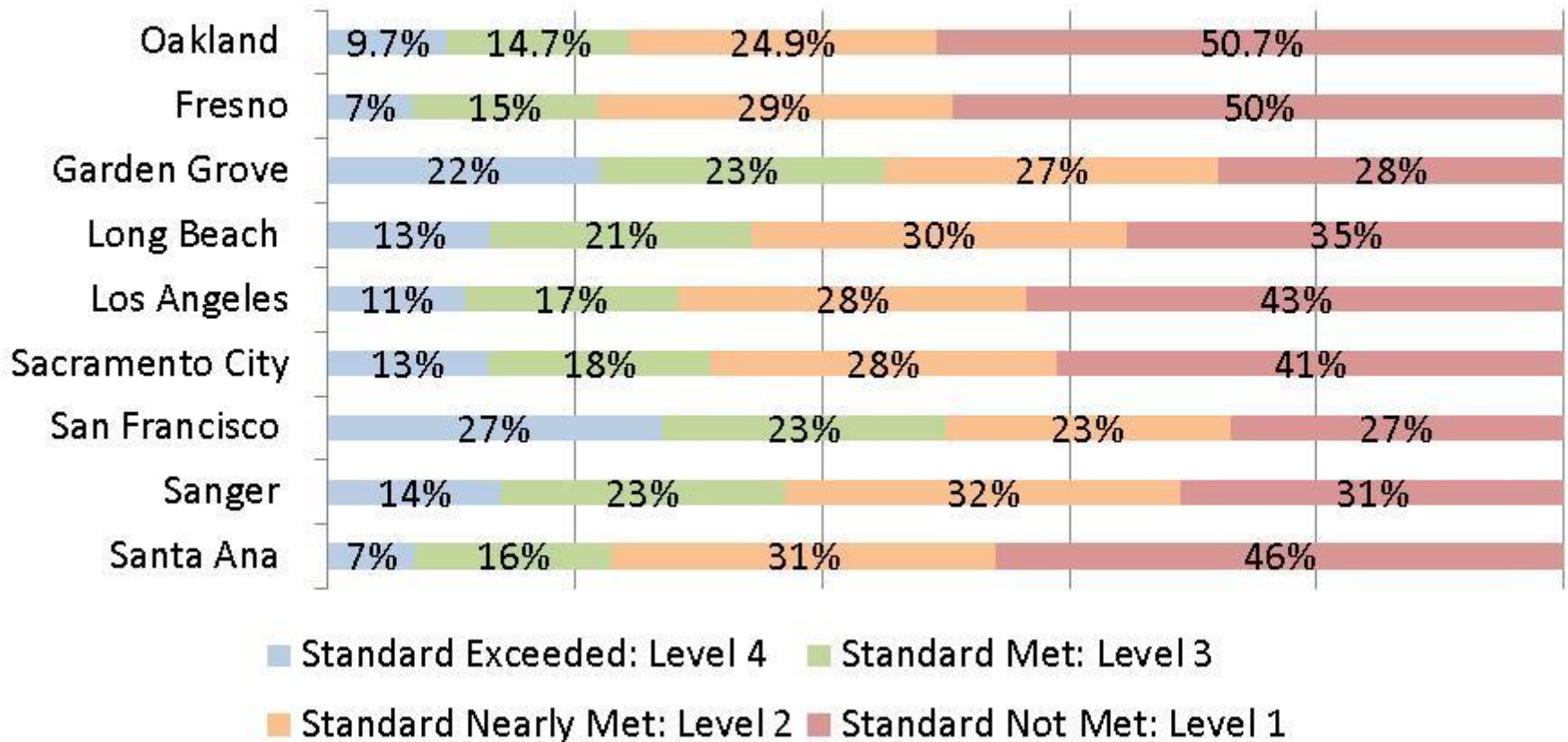
## SBAC ELA 2016





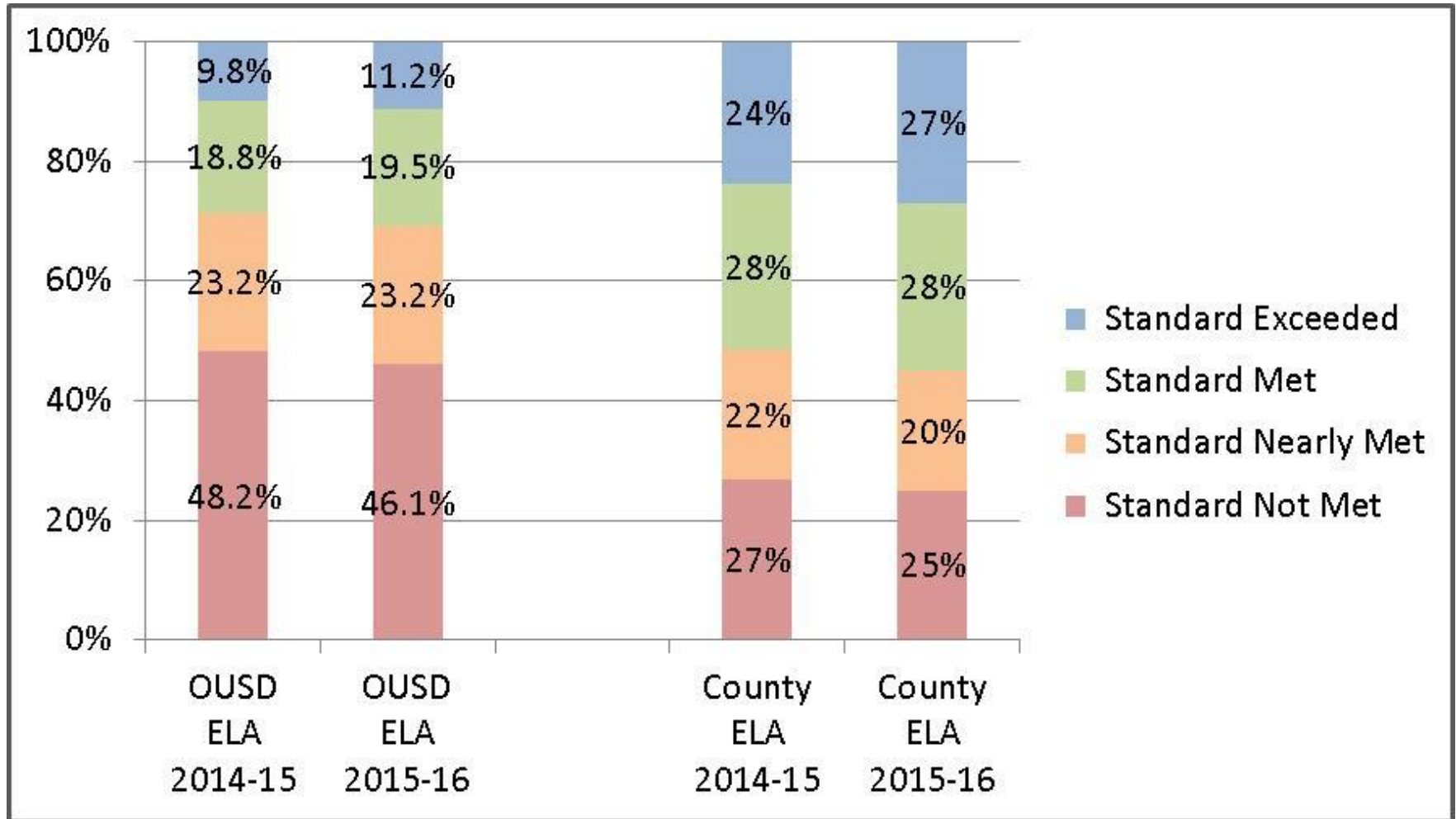
# CORE Comparisons - MATH

## SBAC Math 2016



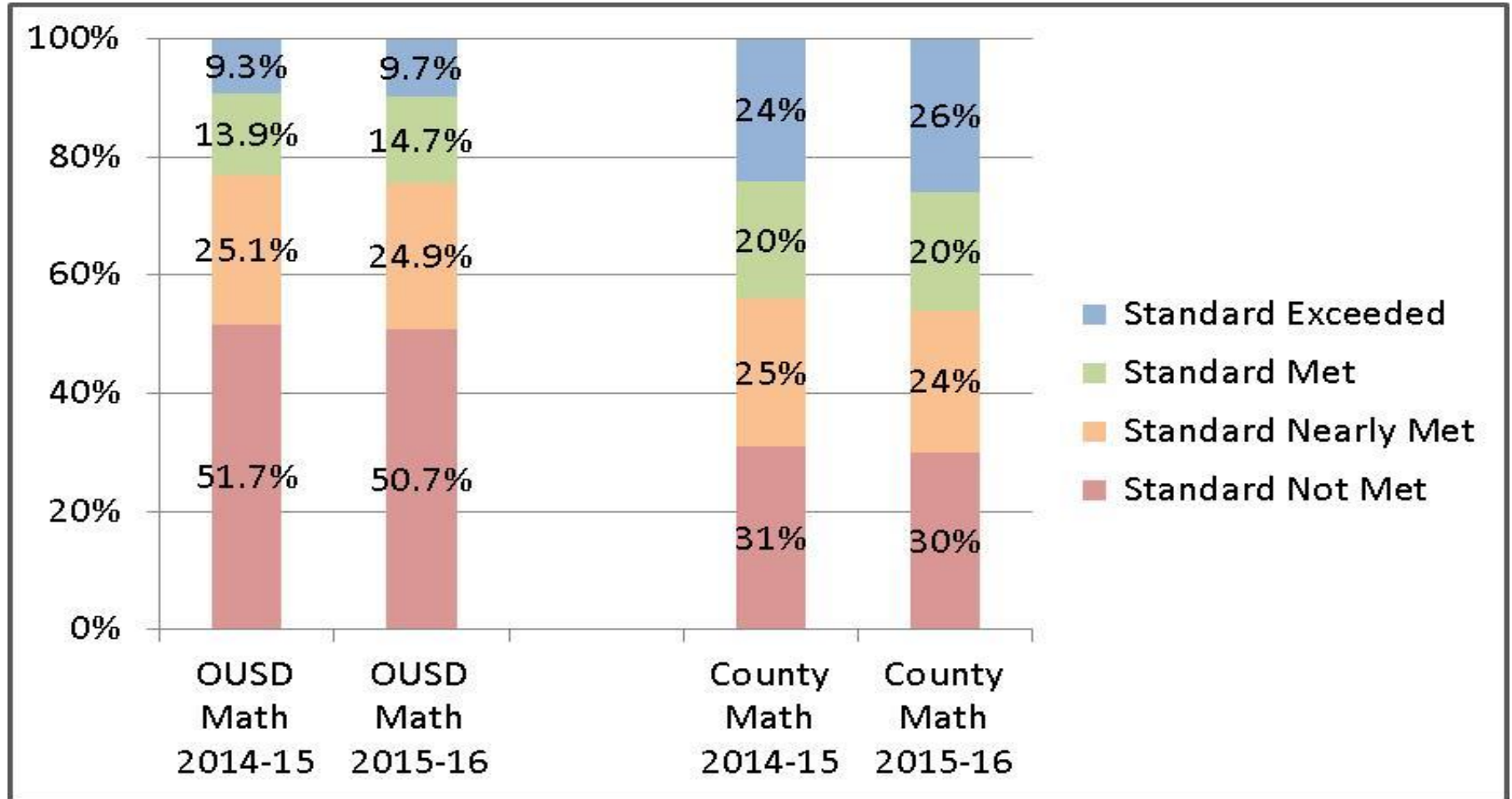
\* Charters not included

# Overall – Alameda County Comparison ELA





# Overall – Alameda County Comparison **MATH**



# OUSD Data Snapshot

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SBAC

CORE Median Growth Percentiles

Spending Patterns

# CORE Districts Median Growth Percentiles

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A student growth percentile (SGP) describes a student's growth compared to other students with similar prior test scores (their academic peers).

The **median growth percentile** (MGP) summarizes student growth percentiles by group of interest – in this deck, by school.

This measure is normed based on all tested students in schools in the CORE system statewide.

*The formula controls for:*

Prior year test  
score

English Language  
Learner status

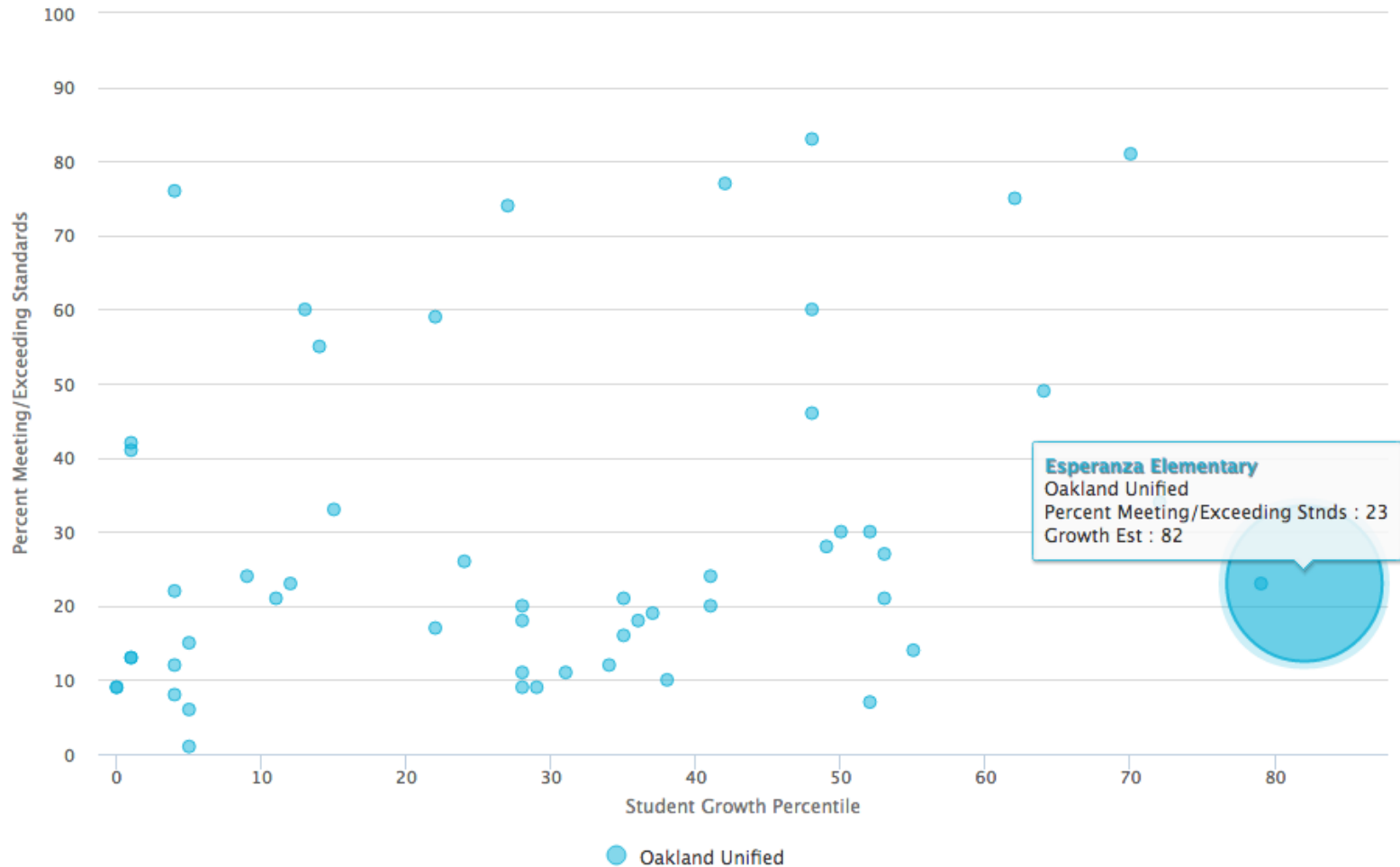
Special Education  
status

Free and  
Reduced Price  
Lunch status

Concentration of  
ELL / SpEd / FRPL  
at one school

# Elementary Schools: ELA

Growth versus Achievement Scatterplots



# Elementary School ELA Snapshot

	# of schools MGP $\leq$ 50	~41	# of schools MGP > 50	~11
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Emerson	0 (9)	Esperanza	82 (23)
2	Sankofa	1 (13)	Melrose Leadership	79 (23)
3	Glenview	1 (41)	Laurel	72 (34)
4	Kaiser	1 (42)	Hillcrest	70 (81)
5	Allendale	4 (8)	Redwood Heights	64 (49)
6	Community United	4 (12)	Thornhill	62 (75)
7	Greenleaf	4 (22)	PLACE @ Prescott	55 (14)
8	Chabot	4 (76)	Piedmont	53 (27)
9	Lafayette	5 (1)	EnCompass	53 (21)
10	Futures	5 (6)	Manzanita SEED	52 (3)

\*Number in parentheses represents percent meeting/exceeding standards

# Elementary School ELA Snapshot:

## African American Students

	# of schools MGP $\leq$ 50	32	# of schools MGP > 50	1
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Fruitvale	0 (0)	Laurel	54 (20)
2	Emerson	0 (6)	Piedmont Avenue	48 (23)
3	Sankofa	0 (8)	Burckhalter	45 (26)
4	Kaiser	0 (20)	PLACE @ Prescott	43 (3)
5	Glenview	0 (23)	Redwood Heights	41 (14)
6	Allendale	1 (3)	Grass Valley	36 (27)
7	Lafayette	2 (0)	Howard	35 (8)
8	Futures	2 (5)	Peralta	33 (62)
9	Community United	2 (9)	Lincoln	28 (75)
10	Brookfield	4 (14)	Martin Luther King Jr.	28 (16)

\*Number in parentheses represents percent meeting/exceeding standards



# Elementary School ELA Snapshot:

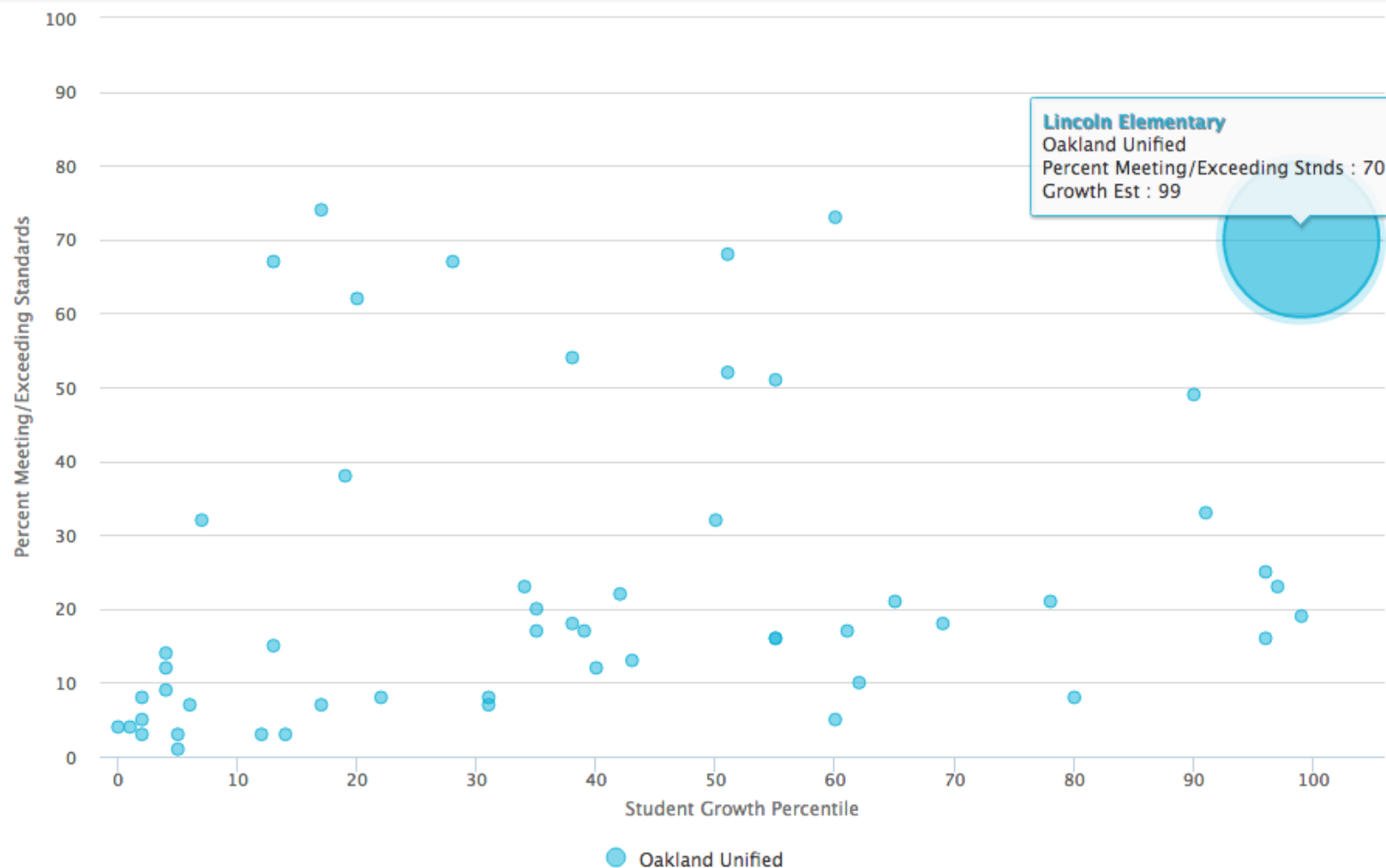
## Latino Students

	# of schools MGP $\leq$ 50	26	# of schools MGP > 50	7
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Bridges Academy	0 (10)	Esperanza	82 (23)
2	Fruitvale	1 (22)	Melrose Leadership	81 (16)
3	Chabot	3 (65)	Laurel	73 (29)
4	Community United	4 (15)	Redwood Heights	61 (29)
5	Greenleaf	4 (23)	EnCompass	57 (22)
6	Allendale	5 (7)	RISE	55 (4)
7	International Community	5 (14)	Manzanita SEED	53 (20)
8	Futures	7 (7)	ACORN Woodland	50 (52)
9	Brookfield	11 (27)	Hoover	49 (12)
10	Korematsu	13 (22)	Bella Vista	46 (17)

\*Number in parentheses represents percent meeting/exceeding standards

# Elementary Schools: MATH

Growth versus Achievement Scatterplots



# Elementary School **MATH** Snapshot

	# of schools MGP $\leq$ 50	~34	# of schools MGP > 50	~19
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Bridges	0 (4)	Lincoln	99 (70)
2	Fruitvale	1 (4)	Esperanza	99 (19)
3	Markham	2 (3)	Melrose Leadership	97 (23)
4	Sankofa	2 (5)	Burckhalter	96 (25)
5	Emerson	2 (8)	EnCompass	96 (23)
6	Community United	4 (9)	Bella Vista	91 (33)
7	International Community	4 (12)	Redwood Heights	90 (43)
8	Brookfield	4 (14)	Hoover	80 (8)
9	Futures	5 (1)	La Escuelita	78 (21)
10	East Oakland Pride	5 (3)	Garfield	69 (18)

\*Number in parentheses represents percent meeting/exceeding standards

# Elementary School **MATH** Snapshot:

## African American Students

	# of schools MGP $\leq$ 50	~27	# of schools MGP > 50	~9
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Fruitvale	0 (0)	Burckhalter	95 (26)
2	Emerson	0 (6)	Lincoln	94 (67)
3	Markham	1 (0)	EnCompass	91 (12)
4	Brookfield	1 (4)	Hoover	73 (5)
5	Futures	2 (0)	Redwood Heights	66 (11)
6	Sankofa	2 (2)	Bella Vista	64 (15)
7	Allendale	4 (3)	Howard	57 (8)
8	Community United	4 (9)	Piedmont Avenue	53 (15)
9	Kaiser	4 (13)	Parker	51 (18)
10	East Oakland Pride	5 (0)	Garfield	42 (0)

\*Number in parentheses represents percent meeting/exceeding standards

# Elementary School **MATH** Snapshot:

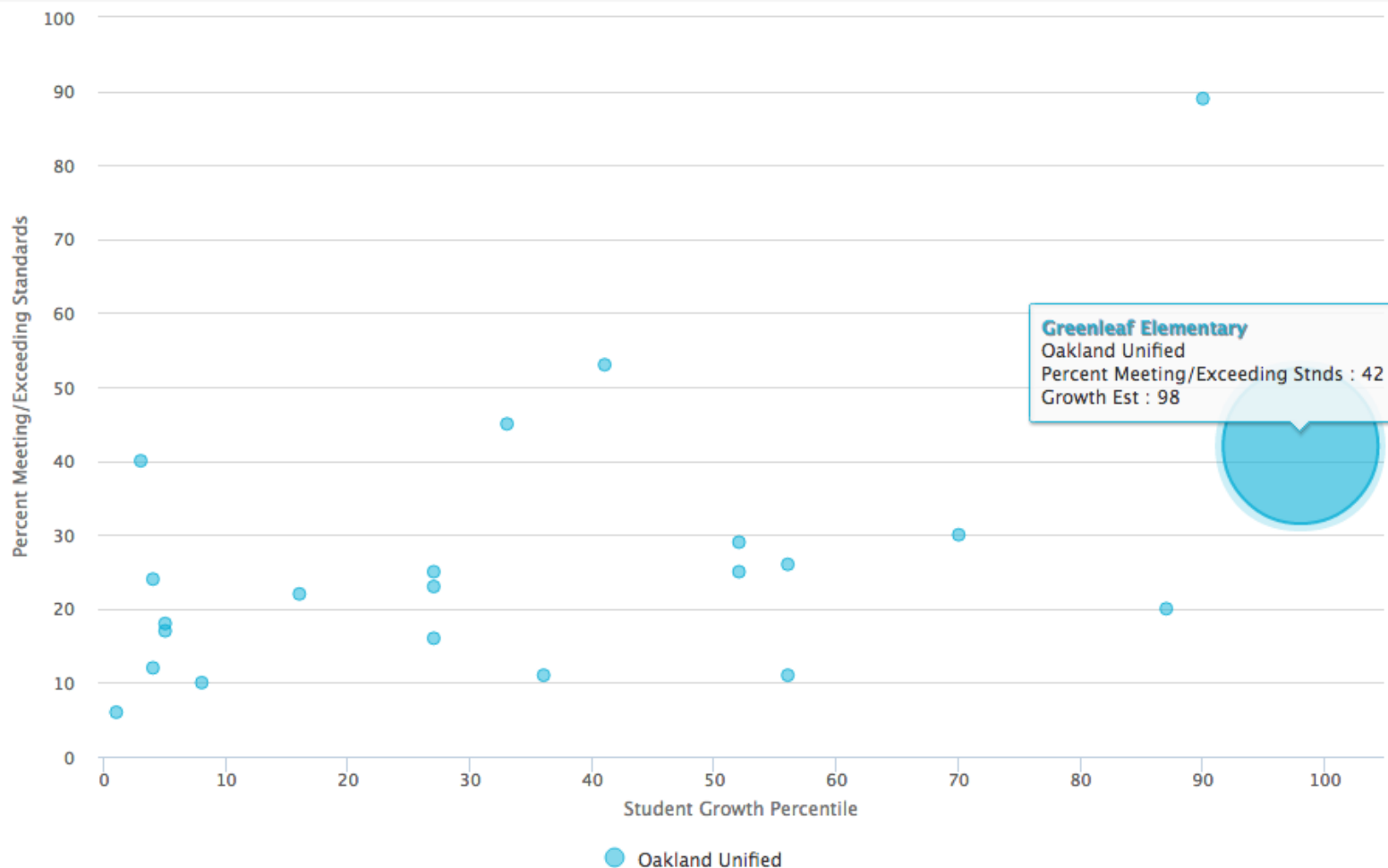
## Latino Students

	# of schools MGP $\leq$ 50	~21	# of schools MGP > 50	~12
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Bridges Academy	0 (4)	Esperanza	99 (19)
2	Fruitvale	0 (7)	EnCompass	97 (17)
3	Markham	4 (4)	Melrose Leadership	97 (16)
4	Community United	4 (11)	Redwood Heights	84 (17)
5	International Community	4 (12)	Hoover	81 (10)
6	Brookfield	5 (16)	Bella Vista	80 (14)
7	Allendale	6 (9)	La Escuelita	77 (13)
8	Futures	7 (0)	RISE	63 (5)
9	Chabot	10 (61)	Garfield	59 (17)
10	Greenleaf	13 (15)	Horace Mann	55 (17)

\*Number in parentheses represents percent meeting/exceeding standards

# Middle Schools: ELA

Growth versus Achievement Scatterplots





# Middle School ELA Snapshot

	# of schools MGP $\leq$ 50	14	# of schools MGP > 50	8
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Sankofa	1 (6)	Greenleaf	98 (42)
2	Montera	3 (40)	Hillcrest	90 (89)
3	Frick	4 (12)	Elmhurst	87 (20)
4	Madison Park	4 (24)	LIFE Academy	70 (30)
5	CCPA	5 (17)	Roosevelt	56 (26)
6	Westlake	5 (18)	Alliance	56 (11)
7	West Oakland Middle	8 (10)	Urban Promise Academy	52 (29)
8	Melrose Leadership	16 (22)	Bret Harte	52 (25)
9	ROOTS	27 (16)	Edna Brewer	41 (53)
10	La Escuelita	27 (23)	United for Success Academy	36 (11)

\*Number in parentheses represents percent meeting/exceeding standards

# Middle School ELA Snapshot:

## African American Students

	# of schools MGP $\leq$ 50	16	# of schools MGP $>$ 50	1
#	Bottom 5 Growth	MGP	Top 5 Growth	MGP
1	Sankofa	0 (5)	Elmhurst	78 (14)
2	Montera	1 (20)	Roosevelt	44 (13)
3	Frick	2 (9)	Urban Promise Academy	38 (13)
4	Westlake	2 (10)	Bret Harte	22 (12)
5	Madison Park	2 (20)	Parker	21 (26)

Over 80% of middle schools who serve a significant number of African American students showed an MGP of less than 25:

7 middle schools MGP  $0 < 10$ , 7 middle schools MGP  $10 < 25$

Only 3 middle schools MGP  $> 30$

\*Number in parentheses represents percent meeting/exceeding standards

# Middle School ELA Snapshot:

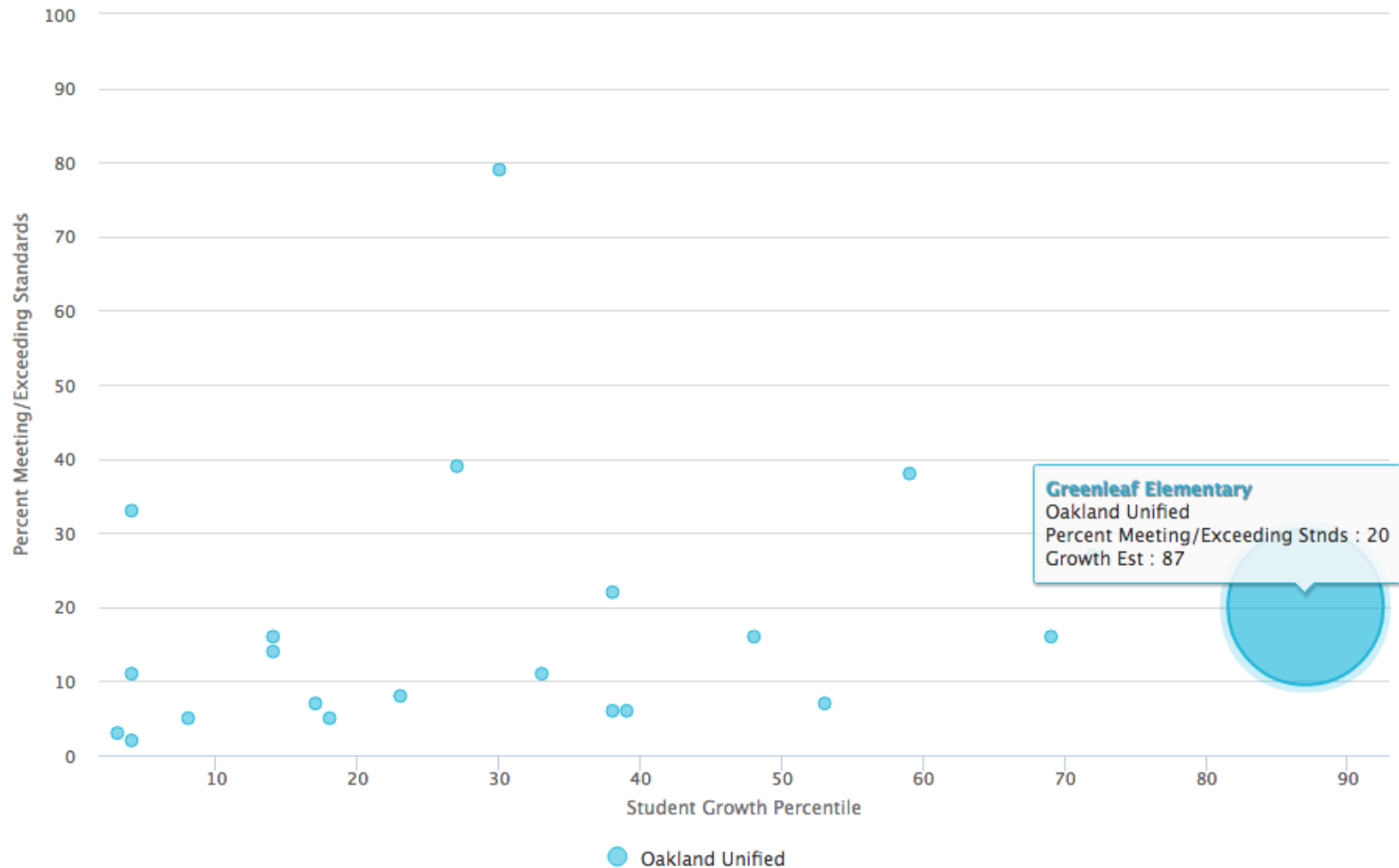
## Latino Students

	# of schools MGP $\leq$ 50	11	# of schools MGP > 50	7
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Montera	3 (33)	Greenleaf	99 (46)
2	Madison Park	4 (25)	Elmhurst	90 (21)
3	Westlake	5 (14)	Bret Harte	77 (19)
4	CCPA	5 (16)	LIFE Academy	71 (26)
5	Frick	6 (15)	Alliance	68 (11)
6	Melrose Leadership	18 (21)	Roosevelt	60 (23)
7	ROOTS	29 (15)	Urban Promise Academy	52 (28)
8	La Escuelita	30 (26)	United for Success	45 (12)
9	Edna Brewer	34 (35)		
10	Claremont	36 (30)		

\*Number in parentheses represents percent meeting/exceeding standards

# Middle Schools: MATH

Growth versus Achievement Scatterplots



# Middle School **MATH** Snapshot

	# of schools MGP $\leq$ 50	17	# of schools MGP $>$ 50	5
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Frick	3 (3)	Greenleaf	87 (20)
2	West Oakland Middle	4 (2)	Roosevelt	72 (27)
3	Westlake	4 (11)	Bret Harte	69 (16)
4	Montera	4 (33)	Claremont	59 (38)
5	CCPA	8 (5)	Elmhurst	53 (7)
6	Urban Promise Academy	14 (14)	La Escuelita	48 (16)
7	Madison Park	14 (16)	United for Success	39 (6)
8	ROOTS	17 (7)	Parker	38 (22)
9	Sankofa	18 (5)	Alliance	38 (6)
10	Melrose	23 (8)	LIFE Academy	33 (11)

\*Number in parentheses represents percent meeting/exceeding standards

# Middle School **MATH** Snapshot:

## African American Students

	# of schools MGP $\leq$ 50	15	# of schools MGP > 50	2
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Frick	1 (3)	Claremont	54 (11)
2	West Oakland Middle	2 (1)	Bret Harte	53 (4)
3	Westlake	2 (5)	Elmhurst	47 (2)
4	Montera	2 (13)	Roosevelt	35 (8)
5	Edna Brewer	12 (16)	Parker	30 (15)
6	ROOTS	13 (1)	Melrose Leadership	21 (9)
7	Sankofa	15 (4)	Alliance	16 (4)
8	Urban Promise Academy	15 (7)		
9	Madison Park	15 (11)		
10	United for Success	16 (2)		

\*Number in parentheses represents percent meeting/exceeding standards



# Middle School **MATH** Snapshot:

## Latino Students

	# of schools below $\leq 50$	13	# of schools $> 50$	5
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Montera	4 (24)	Greenleaf	89 (20)
2	Frick	5 (3)	Bret Harte	70 (10)
3	Westlake	5 (7)	Roosevelt	58 (15)
4	CCPA	8 (5)	Elmhurst	54 (10)
5	Urban Promise Academy	12 (14)	Claremont	51 (34)
6	Madison Park	13 (15)	La Escuelita	46 (18)
7	ROOTS	16 (9)	Alliance	46 (6)
8	Melrose Leadership	23 (8)	United for Success	45 (5)
9	LIFE Academy	34 (11)		
10	Edna Brewer	41 (23)		

\*Number in parentheses represents percent meeting/exceeding standards

# High Schools

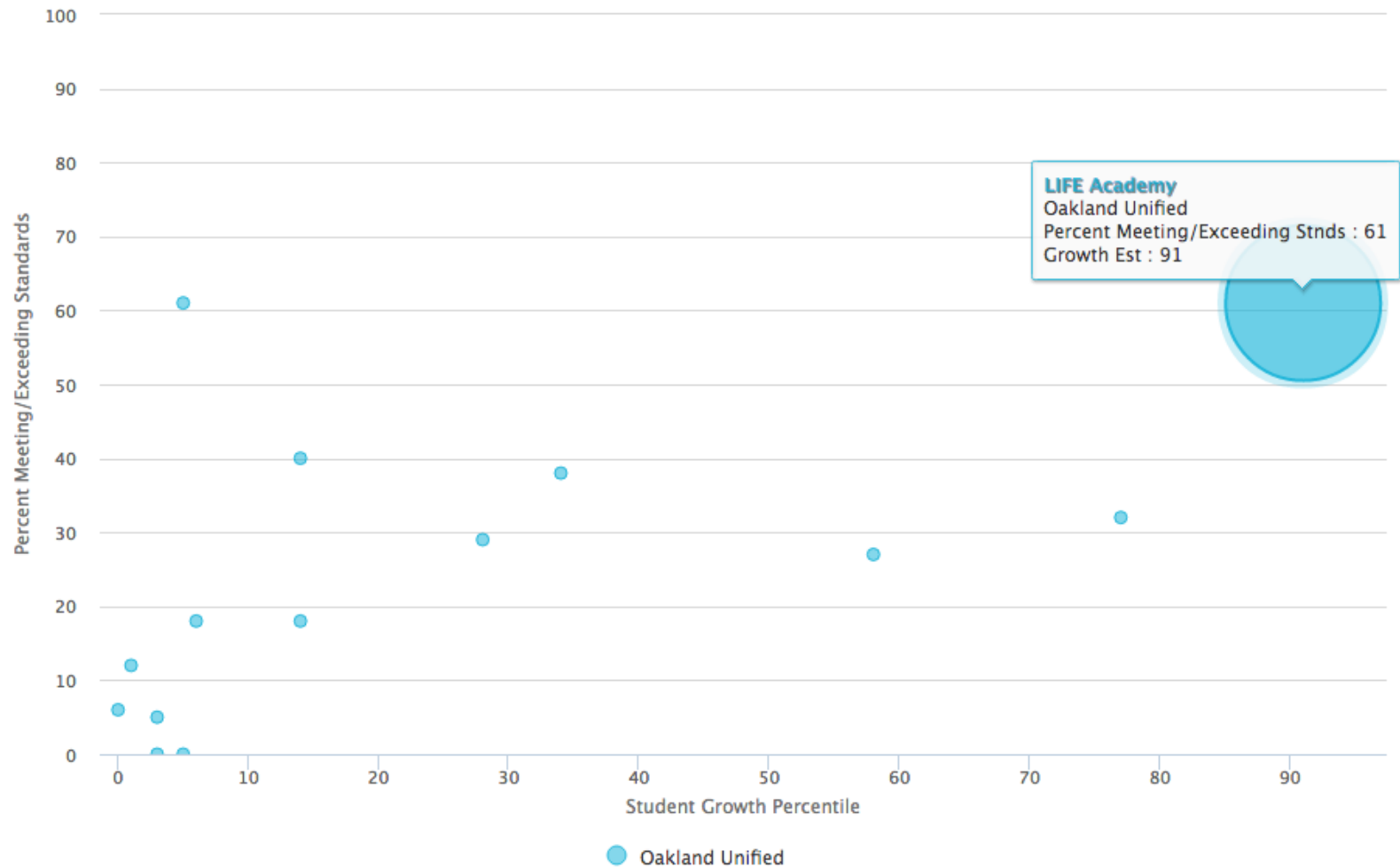
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Measuring growth at the high school level is particularly challenging because students no longer take a test each school year. For that reason, we want to especially caution the initial interpretability of preliminary results we are sharing with respect to high schools. Our efforts at measuring growth at high school are very much “exploratory.”

For this first round, we are fortunate to have 10th grade CAHSEE results from SY 2014-15 to use as a “predictor” data on SY 2015-16 SBAC results. The first round of growth results utilizes that data.

# High Schools: ELA

Growth versus Achievement Scatterplots



# High School ELA Snapshot

	# of schools below $\leq 50$	11	# of schools $> 50$	3
#	Bottom 10 Growth	MGP	Top 10 Growth	MGP
1	Castlemont	0 (6)	LIFE Academy	91 (61)
2	MetWest	1 (12)	Madison Park	77 (32)
3	Dewey	3 (0)	McClymonds	58 (27)
4	Street Academy	3 (5)	Oakland High	34 (38)
5	Oakland High	5 (0)		
6	Oakland Tech	5 (61)		
7	Sojourner Truth	6 (18)		
8	Fremont	14 (18)		
9	Skyline	14 (40)		
10	CCPA	28 (29)		

\*Number in parentheses represents percent meeting/exceeding standards

# High School **ELA** Snapshot:

## African American Students

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#	School	MGP
1	McClymonds	53 (22)
2	Oakland High	14 (22)
3	Oakland Tech	5 (38)
4	Skyline	4 (32)
5	Fremont	5 (1)
6	Castlemont	0 (4)

\*Number in parentheses represents percent meeting/exceeding standards

# High School **ELA** Snapshot:

## Latino Students

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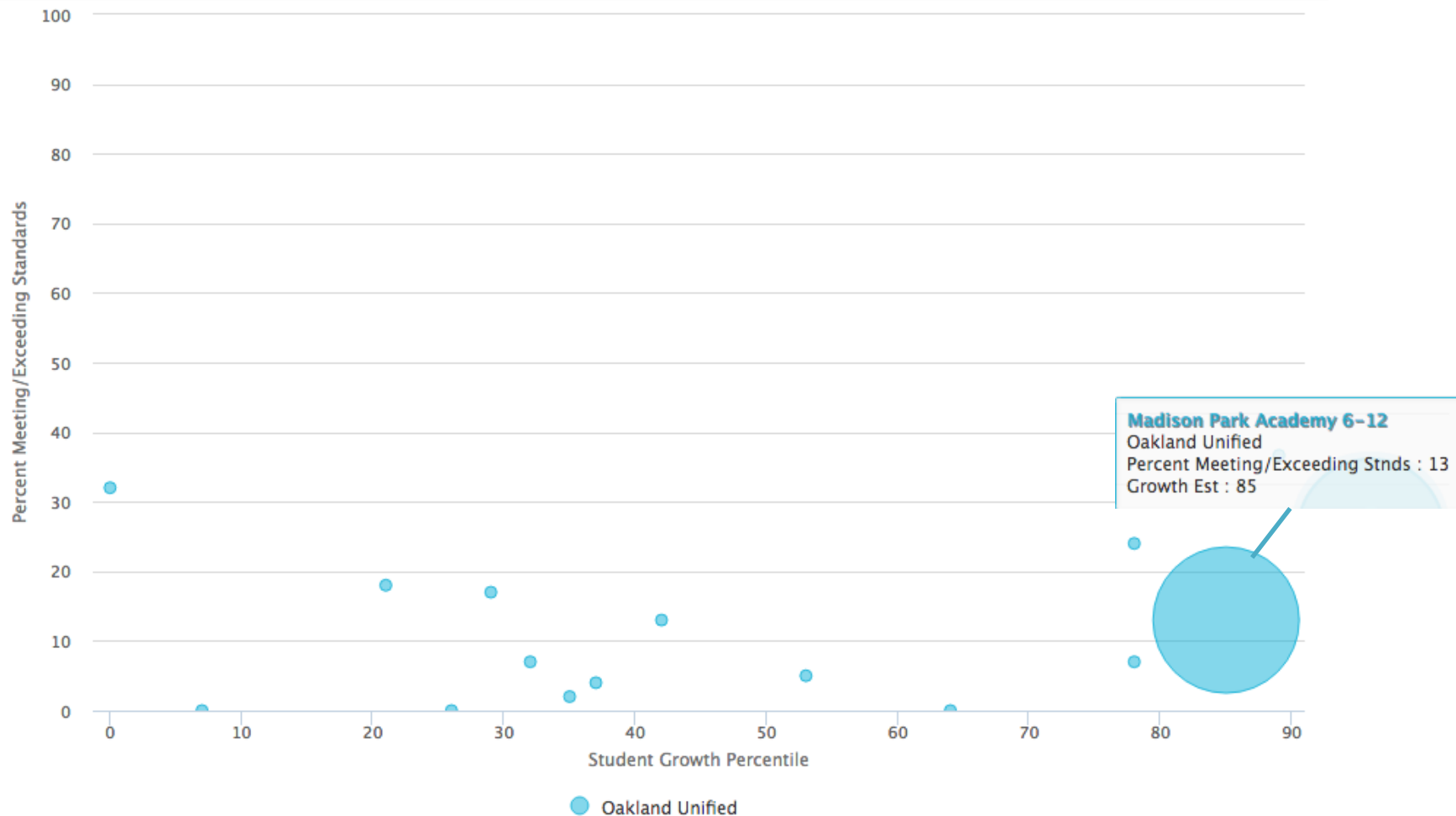
#	School	MGP
1	LIFE Academy	92 (62)
2	Madison Park	84 (31)
3	Oakland High	33 (25)
4	CCPA	31 (28)
5	Fremont	26 (26)
6	Skyline	12 (33)
7	Oakland Tech	9 (64)
8	Dewey	6 (0)
9	Oakland International	4 (0)
10	Castlemont	1 (11)

\*Number in parentheses represents percent meeting/exceeding standards



# High Schools: MATH

Growth versus Achievement Scatterplots



# High School **MATH** Snapshot

	# of schools MGP $\leq$ 50	9	# of schools MGP $>$ 50	5
#	Bottom 10 Growth	MGP	Top 5 Growth	MGP
1	Oakland Tech	0 (32)	Madison Park	85 (13)
2	Castlemont	7 (0)	LIFE Academy	78 (24)
3	Skyline	21 (18)	McClymonds	78 (7)
4	Dewey	26 (0)	Street Academy	64 (0)
5	Oakland High	29 (17)	Oakland International	53 (5)
6	MetWest	32 (7)		
7	Sojourner Truth	35 (2)		
8	Fremont	37 (4)		
9	CCPA	42 (13)		

\*Number in parentheses represents percent meeting/exceeding standards

# High School **MATH** Snapshot:

## African American Students

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#	School	MGP
1	McClymonds	78 (0)
2	Fremont	32 (0)
3	Oakland High	16 (4)
4	Skyline	12 (7)
5	Castlemont	7 (0)
6	Oakland Tech	3 (16)

\*Number in parentheses represents percent meeting/exceeding standards

# High School **MATH** Snapshot:

## Latino Students

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#	School	MGP
1	Madison Park	85 (13)
2	LIFE Academy	76 (26)
3	Oakland International	53 (5)
4	CCPA	42 (9)
5	Fremont	35 (4)
6	Dewey	20 (0)
7	Oakland High	18 (2)
8	Skyline	10 (6)
9	Castlemont	8 (0)
10	Oakland Tech	1 (24)

\*Number in parentheses represents percent meeting/exceeding standards

# OUSD Data Snapshot

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SBAC

CORE Median Growth Percentiles

Spending Patterns

### Average Per Pupil Spending - Fiscal Years 2012-13 through 2015-16

Descriptions	2012-13	2013-14	2014-15	2015-16
Annual Enrollment	36,180	36,700	37,156	37,080
Combined General Fund <i>(source: SACS data file &amp; Report 61)</i>	\$410,985,910	\$421,371,216	\$442,529,515	\$518,141,538
Per Pupil Spending - General Fund	\$11,359	\$11,482	\$11,910	\$13,974

### Average Per Pupil Spending At School Sites - Fiscal Years 2012-13 through 2015-16

Descriptions	2012-13	2013-14	2014-15	2015-16
Annual Enrollment	36,180	36,700	37,156	37,080
Total Elementary, Middle & High School Site Expenditures	202,967,362	204,599,235	\$214,493,652	247,565,488
Per Pupil Spending - General Fund	\$5,610	\$5,575	\$5,773	\$6,677

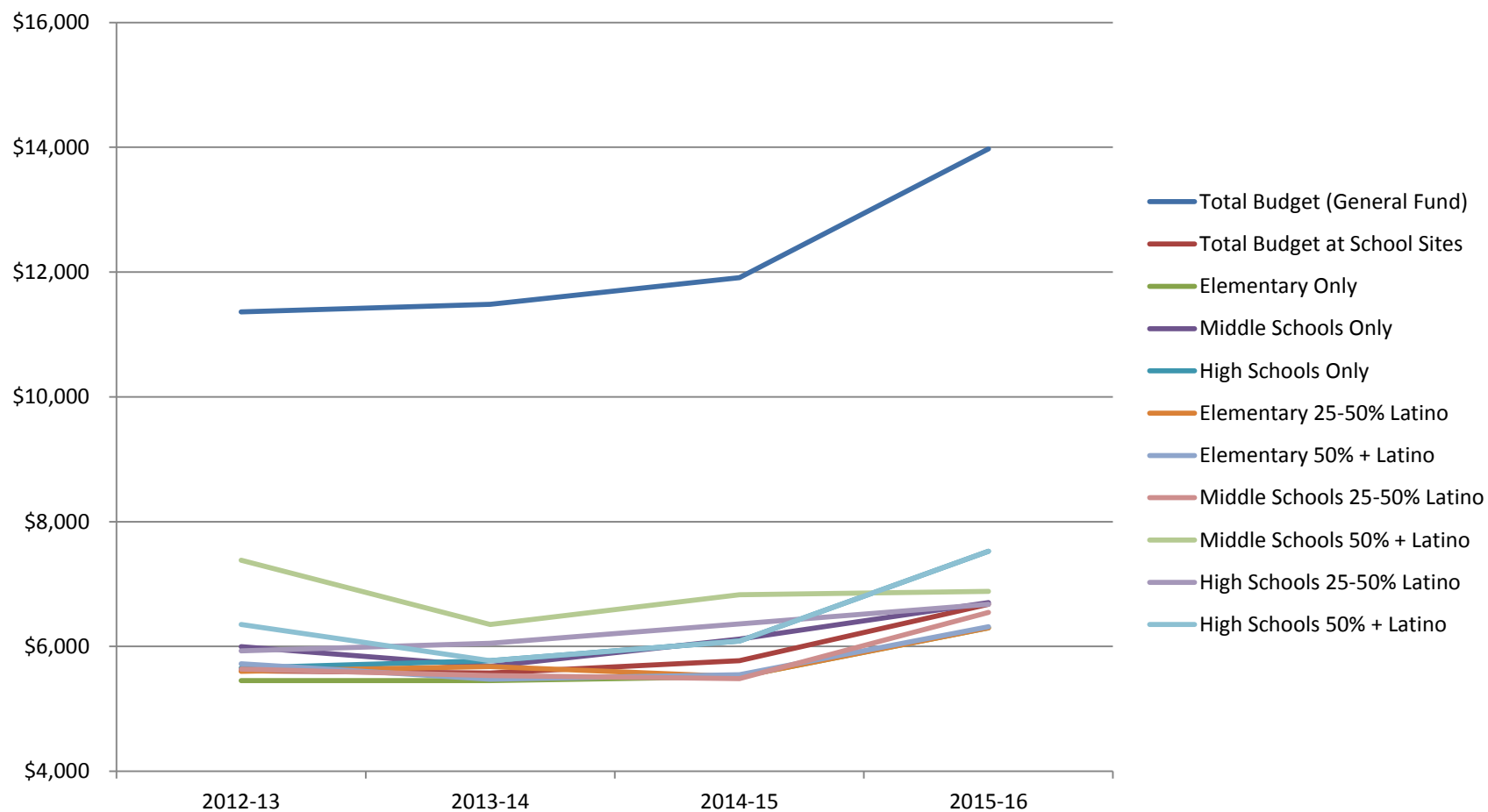
### Average Per Pupil Spending by Elementary, Middle & High School

<b>Elementary</b>	\$5,454	\$5,451	\$5,514	\$6,296
Districtwide Average	\$5,610	\$5,575	\$5,773	\$6,677
Variance	(\$156)	(\$124)	(\$259)	(\$380)

<b>Middle School</b>	\$5,996	\$5,683	\$6,120	\$6,704
Districtwide Average	\$5,610	\$5,575	\$5,773	\$6,677
Variance	\$386	\$108	\$347	\$28

<b>High School</b>	\$5,653	\$5,773	\$6,085	\$7,527
Districtwide Average	\$5,610	\$5,575	\$5,773	\$6,677
Variance	\$43	\$198	\$312	\$850

# OUSD Per Pupil Spending



# OUSD Per Pupil Spending

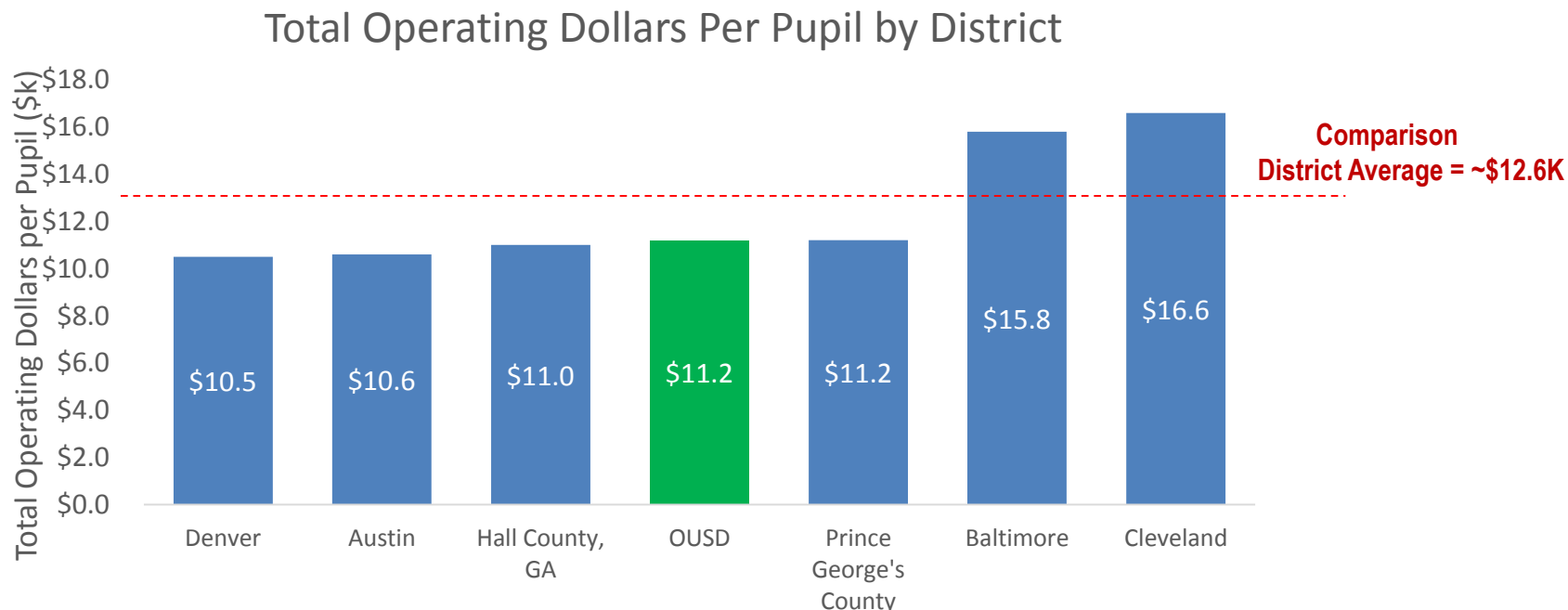
Per Pupil Averages	2012-13	2013-14	2014-15	2015-16
Total Budget (General Fund)	\$11,359	\$11,482	\$11,910	\$13,974
Total Budget at School Sites	\$5,610	\$5,575	\$5,773	\$6,677
Elementary Only	\$5,454	\$5,451	\$5,514	\$6,296
Middle Schools Only	\$5,996	\$5,683	\$6,120	\$6,704
High Schools Only	\$5,653	\$5,773	\$6,085	\$7,527
Elementary 25-50% Latino	\$5,600	\$5,676	\$5,514	\$6,296
Elementary 50% + Latino	\$5,724	\$5,474	\$5,547	\$6,316
Middle Schools 25-50% Latino	\$5,639	\$5,533	\$5,484	\$6,543
Middle Schools 50% + Latino	\$7,381	\$6,352	\$6,829	\$6,884
High Schools 25-50% Latino	\$5,930	\$6,051	\$6,362	\$6,676
High Schools 50% + Latino	\$6,352	\$5,773	\$6,085	\$7,527



# **APPENDIX:**

## ERS Analysis of Spending Patterns

To better understand *how* OUSD uses its resources, we compared spending to that of large urban districts with similar profiles



**Note on use of comparison data:** Spending more or less in different areas than other districts is not inherently good or bad. Our goal is to understand how OUSD resource use is and is not aligned with effective strategy and ensure spending differences are the result of deliberate & strategic choices. Comparative analyses simply help uncover whether differences are deliberate and strategic.

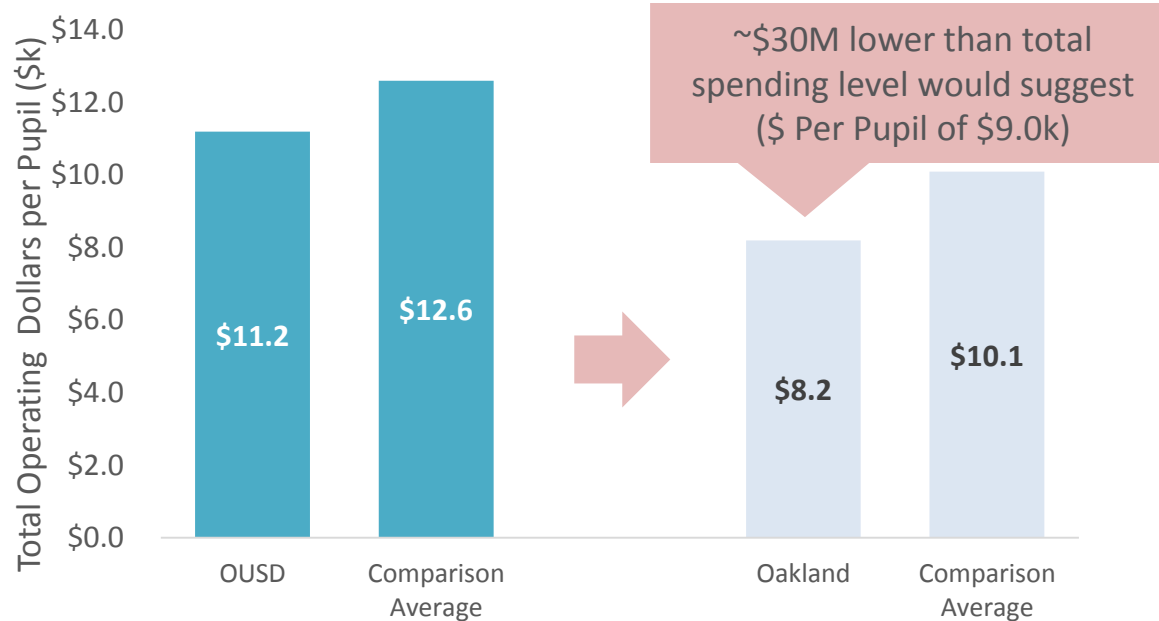
Sources: ERS Comparison Database; OUSD SY14-15 Expenditure Data. See Appendix C for more details on comparison districts.

Analysis includes both Restricted and Unrestricted expenditures

\*Adjusted for Geography; Dollar estimate excludes "Untracked Budget Set-Asides" in Baltimore and Cleveland

## OUSD spends \$30M less on schools than its overall funding level would suggest

## Total Operating Dollars Per Pupil by District



\$PP	PreK-12 – Total District	School Attributed
Difference (Comparison – OUSD)	\$1.4k	\$1.9k
OUSD as a % of Comparisons	89%	81%

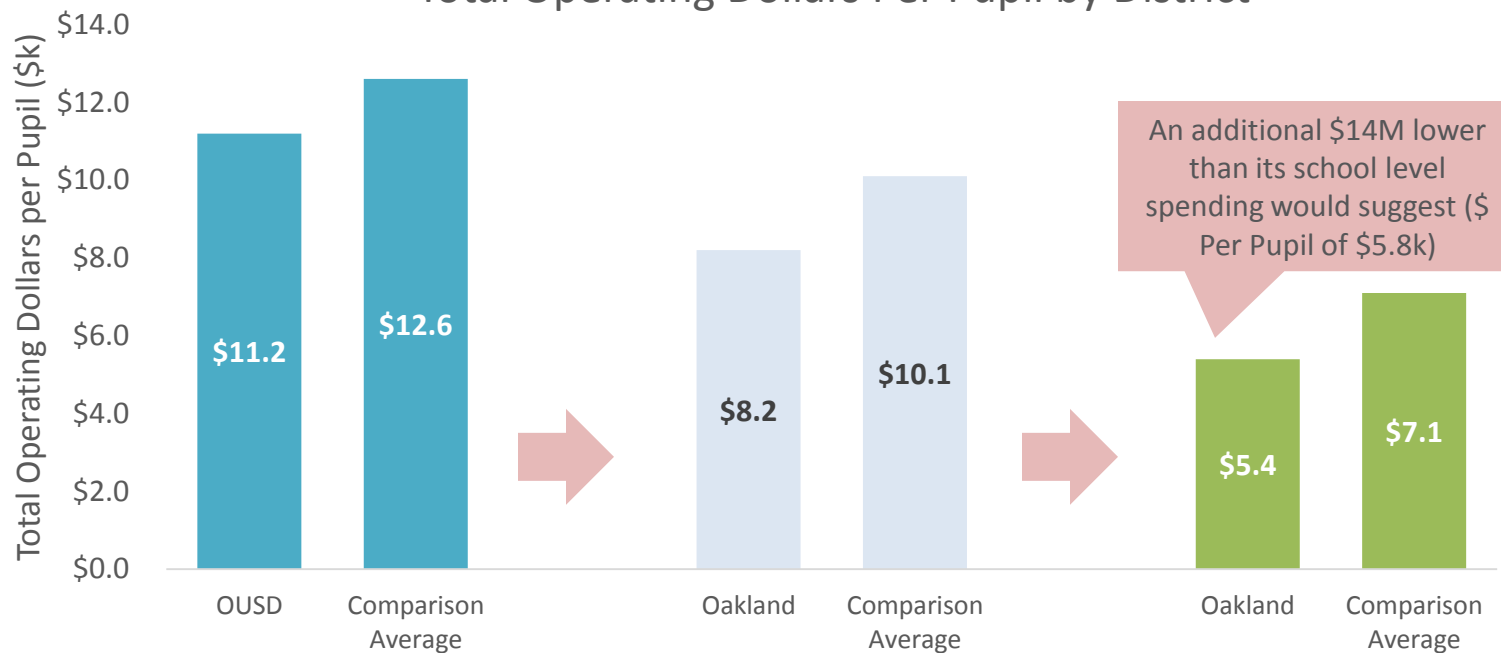
Source: ERS Comparison Database; OUSD SY14-15 Expenditure Data

*See Appendix B for definition of School Attributed (the combination of “School Reported and School on Central”. Appendix C for details on comparison districts.*

*\*Adjusted for Geography; Dollar estimate excludes "Untracked Budget Set-Asides" in Baltimore and Cleveland*

**Even after we account for higher non-school spending, OUSD spends \$14M less on Instruction than its *school*-level spending would suggest**

Total Operating Dollars Per Pupil by District



\$PP	PreK-12 – Total District	All School Level	Instruction Only
Difference (Comparison – OUSD)	\$1.4k	\$1.9k	\$1.7k
OUSD as a % of Comparisons	89%	81%	76%

Source: ERS Comparison Database; OUSD SY14-15 Expenditure Data

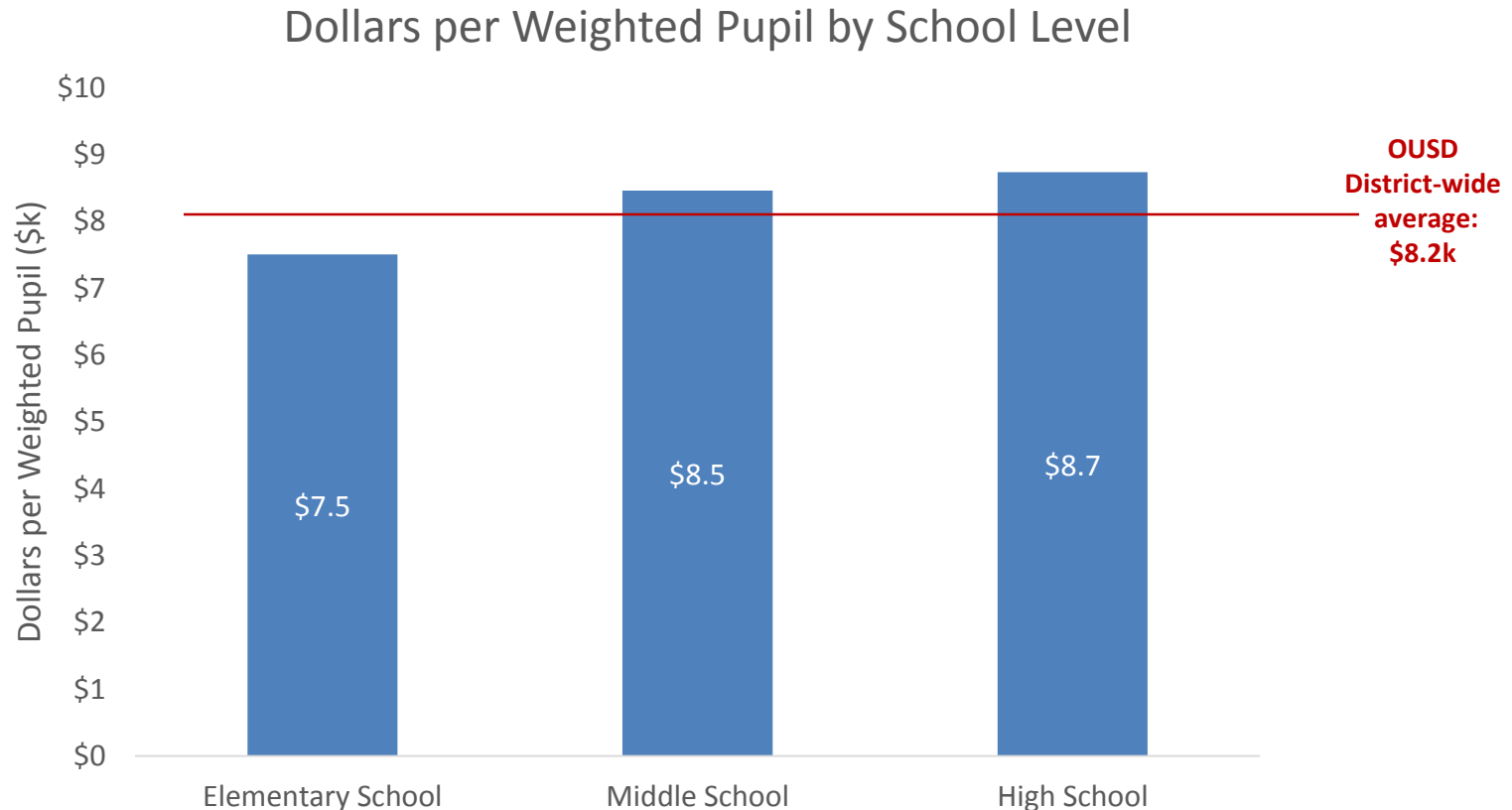
See Appendix C for details on comparison districts.

\*Adjusted for Geography; Dollar estimate excludes “Untracked Budget Set-Asides” in Baltimore and Cleveland

# School Funding Levels

- *Key Questions*
  - How much variation is there in per-pupil spending across and within school levels? What drives the observed variation?
- *Summary of Analysis & Insights*
  1. OUSD spends >10% more per pupil at the HS level than ES & MS
  2. Per-pupil funding levels across middle and high schools vary greatly, even after adjusting for differences in student need across schools
    - I. The variation that exists in elementary schools is related to average teacher compensation, disproportionately affecting schools with high concentrations of ELL students
    - II. Middle and high schools with low-enrollment typically are higher funded
- *Action Implications*
  1. Monitor spending given shifts to the state funding policies and alignment with theory of action and student need
  2. Consider revisions to the school funding formula to address potential inequities within school levels

**ERS methodology examines per-pupil spending after controlling for differences in student need levels across schools and school levels; OUSD spent more per pupil at HS & MS compared to ES**

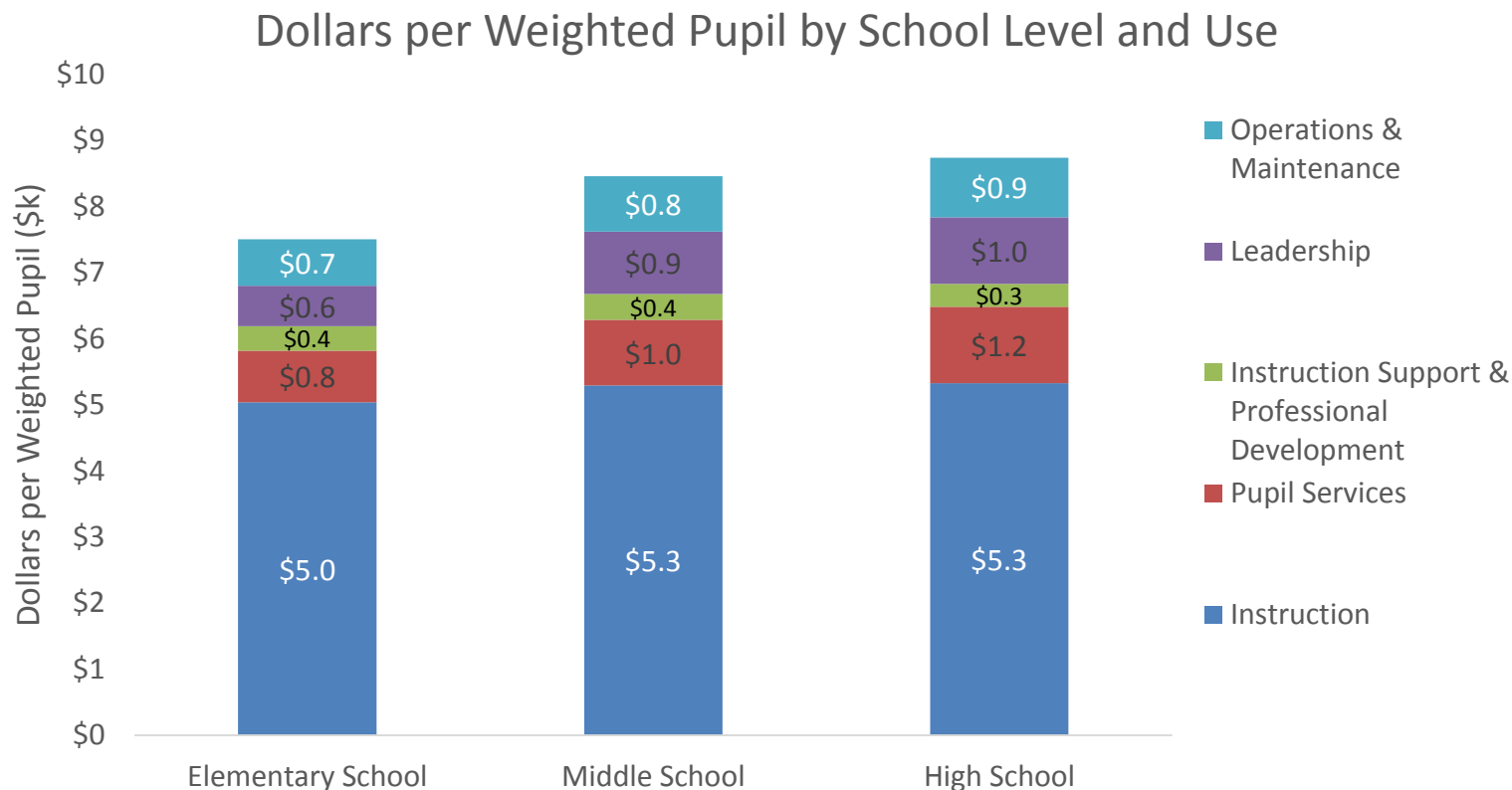


**These spending patterns are consistent with OUSD's higher per-pupil revenue in HS and MS, though avg. ES spending has likely increased due to participation in the state class size reduction program**

*Note: Equity analysis is K-12 only. See Appendix C for OUSD spending by school level relative to comparison districts.*

*Source: OUSD SY14-15 Expenditure Data; ERS Analysis*

## Higher spending on MS and HS in OUSD is consistent across most ERS-defined *Use* categories

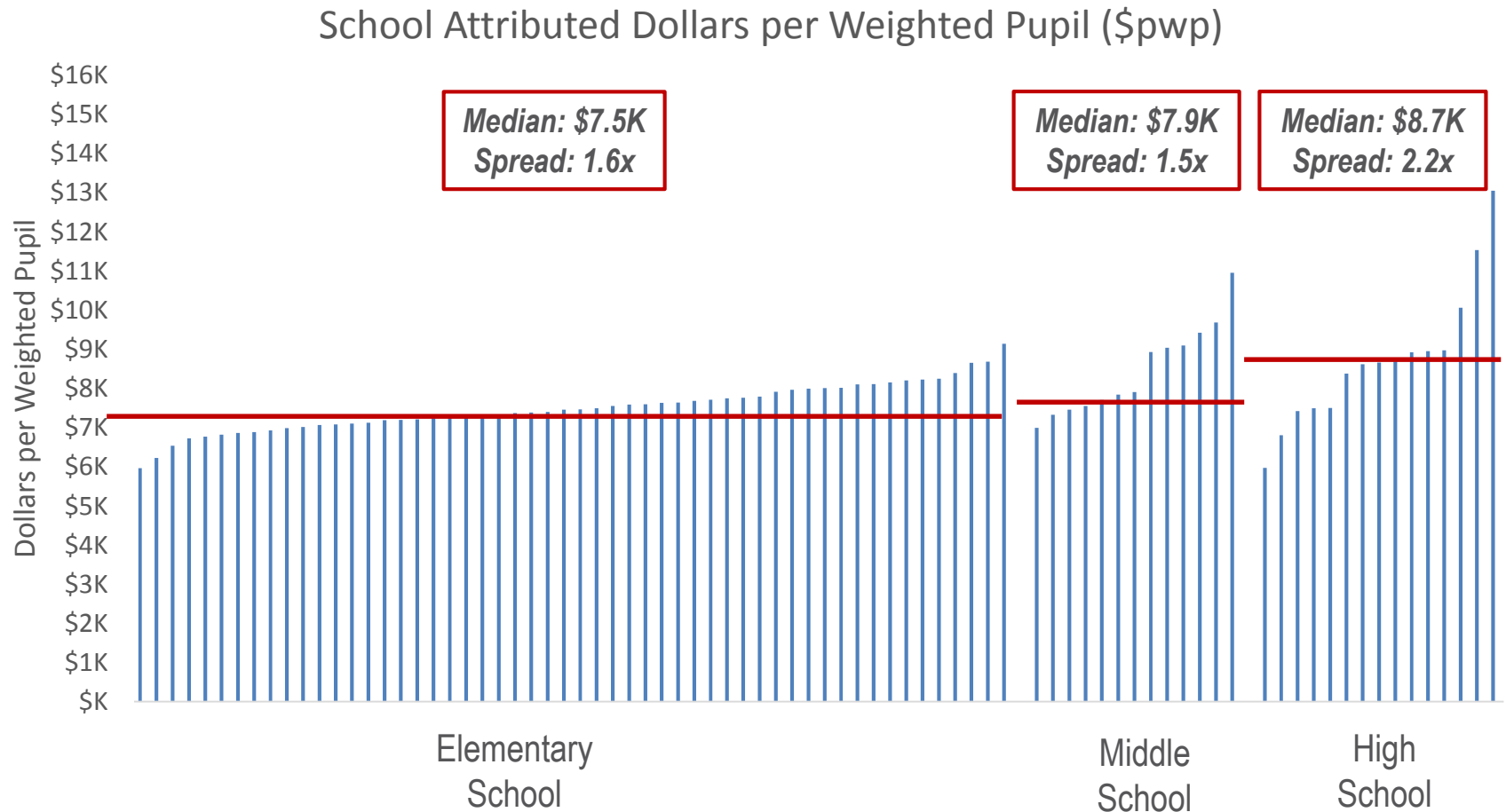


Note: Equity analysis is K-12 only

See Appendix A for details on ERS terminology

Source: OUSD SY14-15 Expenditure Data; ERS Analysis

## Within school levels, we find variation in spending across schools on a per-weighted-pupil basis



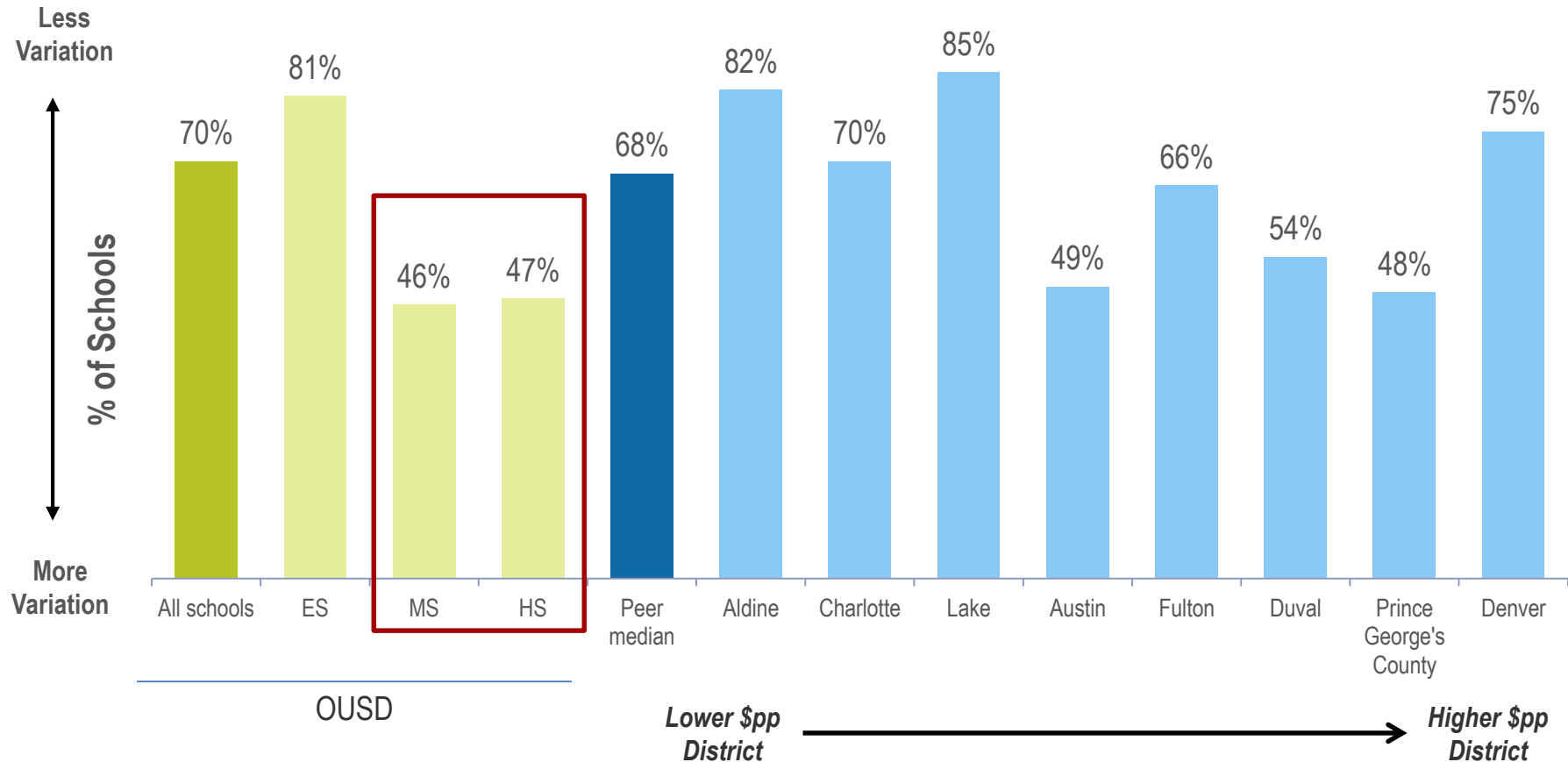
Note: Equity analysis is K-12 only

Source: OUSD SY14-15 Expenditure Data; ERS Analysis



# There is more variation in per-weighted-pupil spending among OUSD's MS and HS as compared to national benchmarks

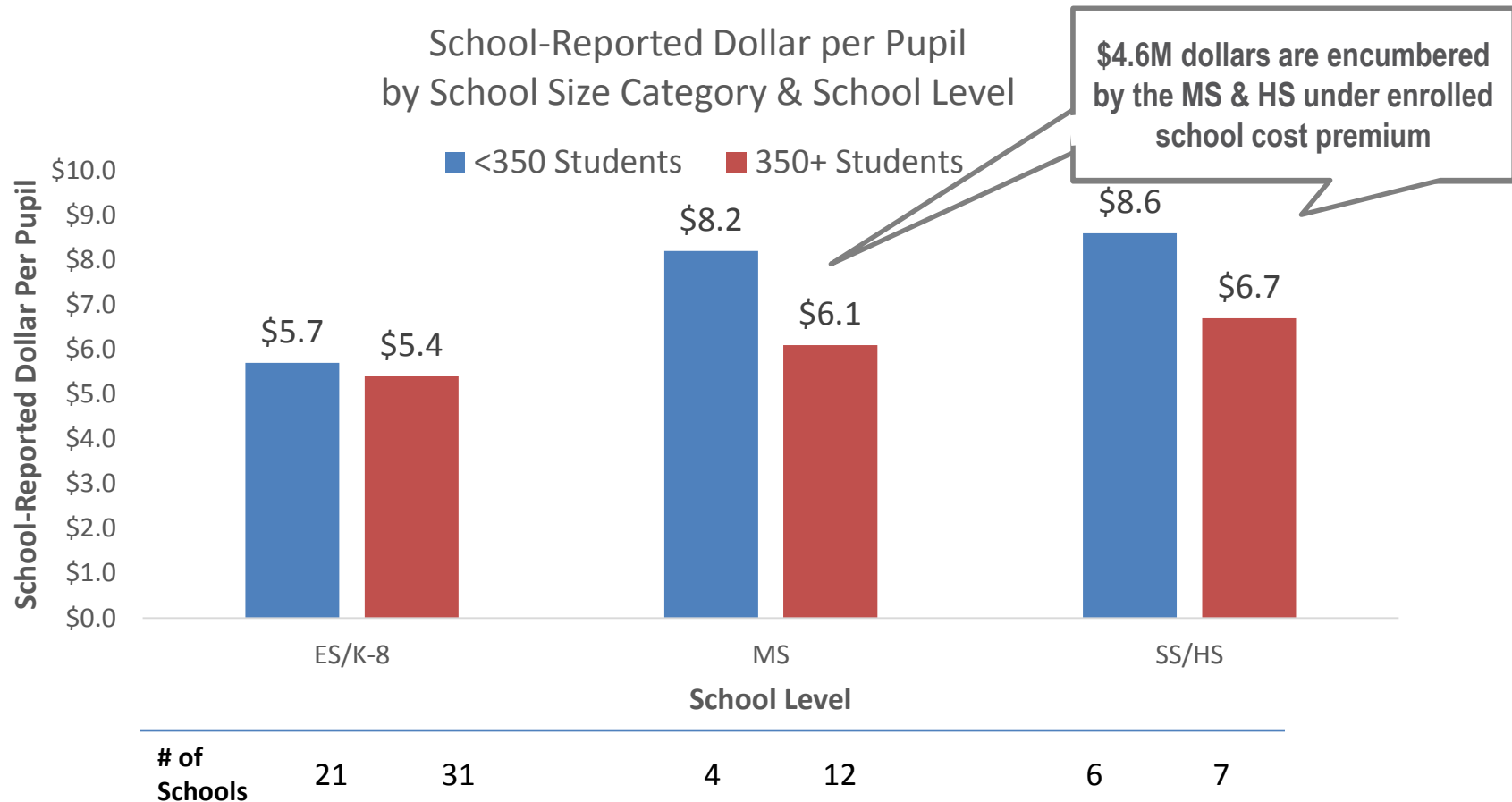
Share of Schools within 10% of School Level Median Per Weighted Pupil Spending



Note: Equity analysis is K-12 only

Source: OUSD SY14-15 Expenditure Data; ERS Analysis; ERS Comparison Database

**At an aggregate level, while low-enrollment schools at the MS and HS level spend 30-35% more per pupil than their larger peers, the total additional spend on under enrolled schools is \$7M**



**As \$7M is 1.7% of OUSD's overall budget, the financial implications of the current portfolio are not as significant as the programmatic ones**

Source: OUSD SY14-15 Expenditure Data; ERS Analysis

See Appendix C for more details on the nature of the additional spend on under enrolled schools