

# CSBA ELA Adequacy Committee

Prepared for CSBA by  
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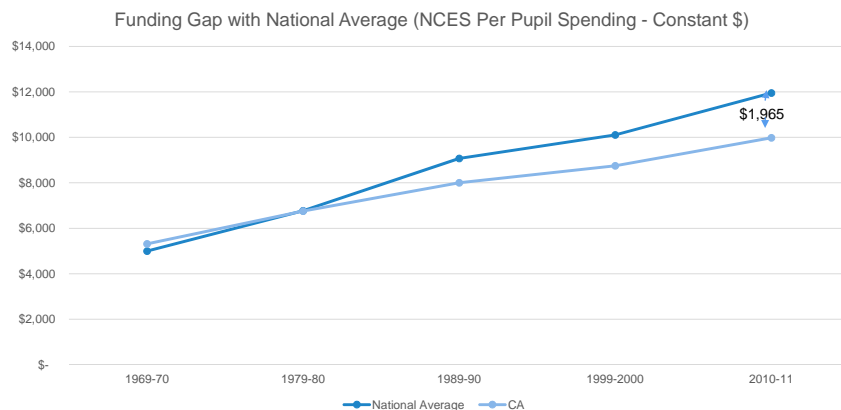


## Competing Measures of Per Pupil Funding

- **National Center for Education Statistics (NCES) (2010-11).** An official government source, provides historic data.
- **Ed Week (2011-12).** Uses NCES data, but adjusts for regional costs – an important factor for California.
- **National Education Association (NEA).** Most timely source of estimates (Currently 2012-13, 2013-14 data will be available soon).

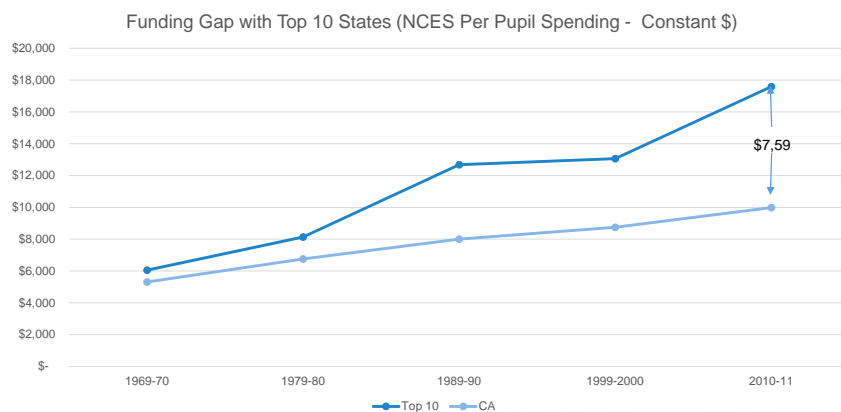


# Funding Gaps Arise Post Prop 13



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# California Has Fallen Far Behind Top 10 States



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## Ed Week – California Faces Higher Costs

State	Regional Cost Relative to National Average
New York	1.13
California	1.11
Texas	1.03
Illinois	1.02
National Average	1.00
Georgia	0.98
Florida	0.91



Dr. Taylor Update of her NCES Methodology (2013)

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## California Ranking Low

	NEA	Ed Week (Cost Adjusted)	NCES
National Average	\$11,308	\$11,735	\$11,948
California	<u>\$9,013</u>	<u>\$8,308</u>	<u>\$9,983</u>
Funding Gap	\$2,295	\$3,427	\$1,965
State Ranking	42 <sup>nd</sup>	45 <sup>th</sup>	37 <sup>th</sup>



Source: NEA, NCES, Ed Week 2010-11 through 2012-13

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## CA Funding Gaps and Costs to Close Gaps

Amount needed to get to national average according to:			Amount needed to get to average of 5 largest states according to:			Amount needed to get to average of 10 top (education) spending states according to:		
NCES	EdWeek	NEA	NCES	EdWeek	NEA	NCES	EdWeek	NEA
\$1,965 per pupil	\$ 3,427 per pupil	\$2,295 per pupil	\$3,005 per pupil	\$2,829 per pupil	\$2,381 per pupil	\$7,599 per pupil	\$7,648 per pupil	\$9,680 per pupil
\$11.8 billion	\$23.5 billion	\$14.3 billion	\$18.1 billion	\$19.4 billion	\$14.8 billion	\$45.8 billion	\$52.5 billion	\$60.2 billion

csba 2010-11 through 2012-13

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## California Income and Effort


Californians Have Higher Incomes, But State Spends Less on K-12

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## California Is a High Income State

	Per Capita Income
California	\$44,666
National Average	<u>\$42,298</u>
Difference	\$2,368
CA Ranking	14 <sup>th</sup>

csba  Source: NEA (2012)

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## CA High Spending on Government, Low on Schools

	State and Local Government Expenditures per \$1,000 personal income	
	All Government	K-12 Education
National Average	196	40
California	<u>210</u>	<u>34</u>
Difference	14	-6
Percent difference	7.1%	-15.0%
CA Ranking	19 <sup>th</sup>	42 <sup>nd</sup>

csba  Source: NEA (2012)

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## Low effort - CA Spends Less of Income on Schools

	Percent of total taxable income spent on education
National Average	3.4%
California	<u>2.7%</u>
Difference	0.7%
Rank	tied for 44 <sup>th</sup>

- Average Effort (3.4%) would close the funding gap to the National Average, providing an additional \$15 billion



Source: Ed Week (2012)

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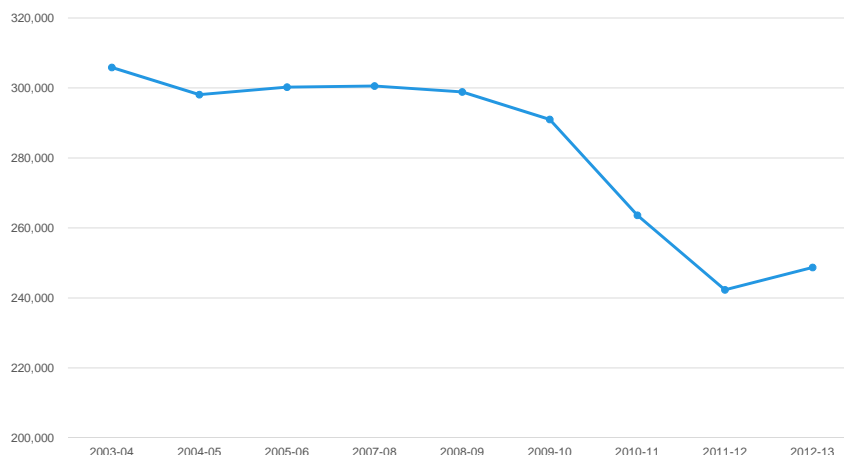
## California Staffing Data

Less Funding and Higher Salaries Lead to Fewer Staff



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## Number of CA Teacher Plummetts in Great Recession



Source: NEA

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## CA Worst Pupil-Teacher Ratio in Country

	Pupils per Teacher
California	25
National Average	<u>15.4</u>
Difference	9.6
Additional teachers to close gap	155,029
CA Ranking	50 <sup>th</sup>



Source: NEA (2012-13)

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## Despite K-3 CSR, CA Has Some of the Largest Classes

	Elementary	High School
California	25.0	32.0
National Average	21.2	26.8
Difference	3.8	5.2
CA Ranking	43 <sup>rd</sup> of 46	45 <sup>th</sup> of 46



Source: NCES (2011-12)

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## CA Less Staff in All Categories (students per staff member)

	All staff	Officials and Admin.	Principals and Asst. Principals	Instructional aides	Guidance counselors	Librarians
California	11.5	1,958	389	98.4	818	7,890
National Average	<u>8.1</u>	<u>788</u>	<u>298</u>	<u>69.7</u>	<u>470</u>	<u>1,023</u>
Difference	3.4	1,170	92	28.7	348	6,867
Additional staff to close gap	232,275	4,773	4,982	26,306	5,694	5,349
Ranking	Tied 48 <sup>th</sup>	45 <sup>th</sup>	45 <sup>th</sup>	47 <sup>th</sup>	49 <sup>th</sup>	50 <sup>th</sup>



Source: NEA (2012-13)

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## Salary Costs Higher than other States

	Average Teacher Salaries (unadjusted)	Average Teacher Salaries adjusted for Regional Cost
California	\$ 69,324	\$ 62,698
National Average	<u>\$ 56,103</u>	<u>\$ 56,103</u>
Difference	\$ 13,221	\$ 6,595
CA Ranking	5 <sup>th</sup>	10 <sup>th</sup>



Source: NEA (2012-13)

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## Student Demographics


California Has Higher Percentage of Students with Higher Needs



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## CA Has Highest Concentration of ELs


State	English Learners (Percent of Enrollment)
California	23.2
Nevada	19.6
New Mexico	16.1
Texas	14.9
Hawaii	13.5
Colorado	12.0
National Average	9.1

csba  Source: NCES (2012-13)

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## CA Has Above Average Rate of Low Income Students

	Free/Reduced Lunch Eligible
California	54.1%
National Average	<u>49.6%</u>
Difference	4.5%
Ranking	12 <sup>th</sup>

csba  Source: NCES (2012-13)

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## California Families Face Highest Supplemental Poverty Measure

	All Children	Black	Hispanic / Latino
California	26.6%	35.2%	37.8%
National Average	18.1%	29.7%	30.6%
Difference	8.5%	5.5%	7.2%

Census Bureau's *Supplemental Poverty Measure* adjusts for regional housing costs, medical expenses and governmental programs (tax credits, taxes, food stamps, free/reduced lunch and other programs that help meet basic needs)

csba Source: Packard Foundation (2011-13)

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## Student Outcomes

California Trails other States on most outcome indicators

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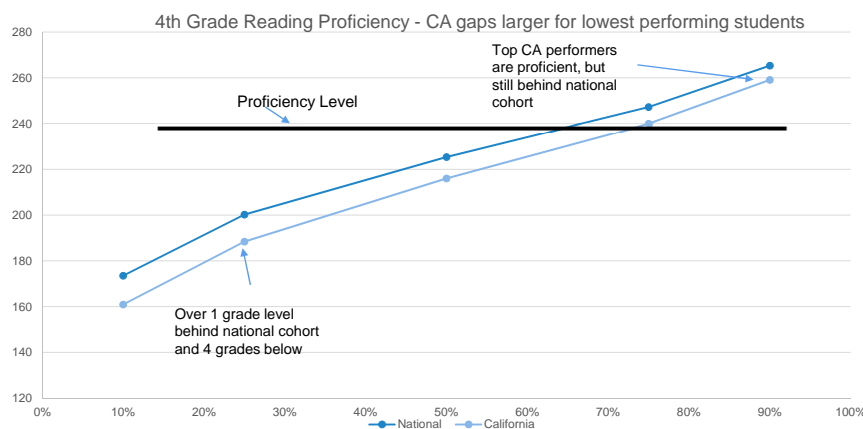
## Average CA students Trail National Average in all grades and subjects (NAEP scale scores)

	Reading		Math		Science
	4 <sup>th</sup>	8 <sup>th</sup>	4 <sup>th</sup>	8 <sup>th</sup>	8 <sup>th</sup>
National Average	222	268	242	285	152
California	<u>213</u>	<u>262</u>	<u>234</u>	<u>276</u>	<u>140</u>
Gap	9	6	8	9	11
Rank	46 <sup>th</sup>	41 <sup>st</sup>	47 <sup>th</sup>	44 <sup>th</sup>	48 <sup>th</sup>



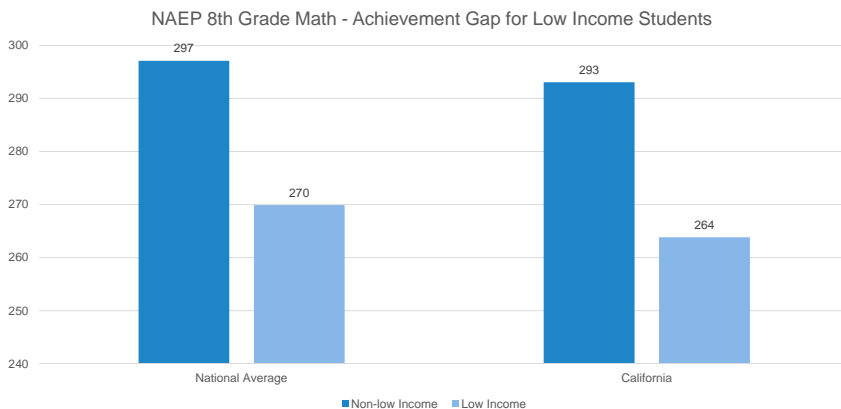
Source: NAEP (2013)

## CA bottom quartile trail national bottom quartile by more than a grade level



Source: NAEP (2013)

## CA Achievement Gap around 2.5 grade levels



Source: NAEP (2013)

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## International Math Comparison - TIMSS

### Countries/Regions Outscoring CA in Math

Rep of Korea, Singapore, Taipei, Hong Kong, Japan, Russia, Quebec, Israel, Finland, Ontario, US Average, Slovenia, England, Alberta, Hungary, Australia, Lithuania, Italy

### Countries/Regions Below CA in Math

New Zealand, Kazakhstan, Sweden, Ukraine, Dubai, Norway, Armenia, Romania, United Arab Emirates, Turkey, Lebanon, Abu Dhabi, Malaysia, Georgia, Thailand, Macedonia, Tunisia, Chile, Iran, Qatar, Bahrain, Jordan, Palestinian National Authority, Saudi Arabia, Indonesia, Syrian Arab Rep, Morocco, Oman, Ghana



Source: TIMSS (2011)

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## International Science Comparison - TIMSS

### Countries/Regions Outscoring CA in Science

Singapore, Taipei, Rep of Korea, Japan, Finland, Alberta, Slovenia, Russia, Hong Kong, England, US Average, Ontario, Quebec, Australia, Israel, Lithuania, New Zealand, Sweden, Italy, Ukraine

### Countries/Regions Below CA in Science

Norway, Kazakhstan, Dubai, Turkey, Romania, United Arab Emirates, Chile, Abu Dhabi, Bahrain, Thailand, Jordan, Tunisia, Armenia, Saudi Arabia, Malaysia, Syrian Arab Rep, Palestinian National Authority, Georgia, Oman, Qatar, Macedonia, Lebanon, Indonesia, Morocco, Ghana



Source: TIMSS (2011)

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## High School Graduation Rates

	All Students	Low Income	Black	Hispanic
<b>National Average</b>	80%	72%	69%	73%
<b>California</b>	<u>78%</u>	<u>73%</u>	<u>66%</u>	<u>73%</u>
<b>Difference</b>	2%	-1%	3%	0%
<b>Rank</b>	30 <sup>th</sup> of 47	18 <sup>th</sup> of 47	33 <sup>rd</sup> of 47	20 <sup>th</sup> of 47



Source: NCES (2011-12)

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## Few Graduates Complete College Prep Coursework

	Graduates	Completed A-G Requirements	Percent of Grads Completing A-G
All	422,177	166,521	39%
Black	27,072	7,900	29%
Hispanic or Latino	199,033	57,966	29%

csba Source: CDE (2011)

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## Many CSU Freshmen Not Ready for College Level Coursework

	Percent Proficient Math	Percent Proficient English	Percent Proficient Both Math and English
All	70.9%	67.9%	57.3%
Black	46.2%	53.9%	35.3%
Hispanic / Latino	61.2%	58.0%	45.4%

csba Source: CSU (2013)

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## Low EL Reclassification Rate has Lasting Impact

English Learner Reclassification Rate	
Total English Learners	1,413,549
Reclassifications	170,225
Reclassification Rate	12.0%



Source: CDE (2012-13)