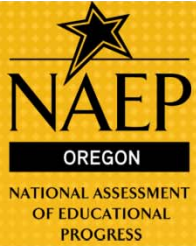




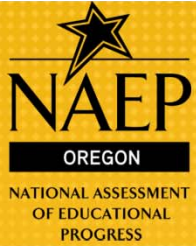
National Assessment of Educational Progress

**Comparing Performance and Learning Context
for English Learners Across States with NAEP**



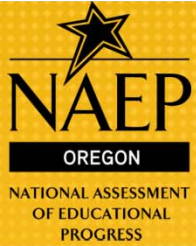
What is NAEP?

- National Assessment of Educational Progress
- Nation's Report Card
- Established by Congress in 1969 to answer questions about student academic performance and change over time
- The **ONLY** nationally representative monitor of what students know and can do
 - “common yardstick”
- “Survey” design
 - National, regional and state-level results

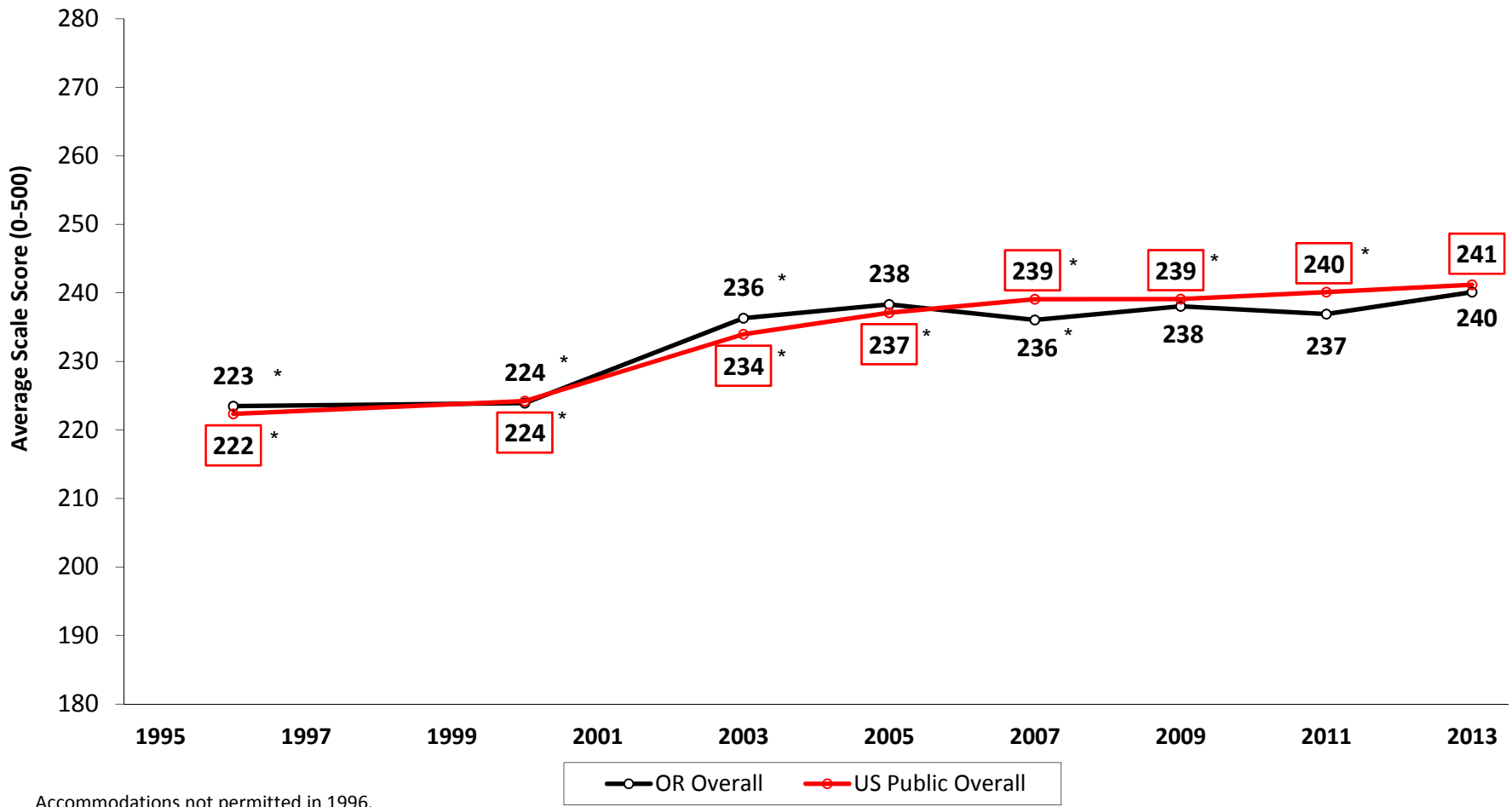


Differences in NAEP and Smarter Balanced

NAEP	Smarter Balanced
Paper and pencil (mostly, for now)	Computer adaptive
Two 25 minute blocks	Untimed
Low stakes for schools	High stakes for schools
Multiple choice and constructed response items	Multiple choice, constructed response items and performance tasks
Representative samples of 4 th and 8 th graders (and 12 th graders)	At least 95% of students in grades 3-8 and grade 11
Results comparable across states and to US public schools as a whole	Results comparable across Smarter states, potentially with PARCC states
Designed to assess NAEP Frameworks – “curriculum neutral”	Designed to assess common core standards



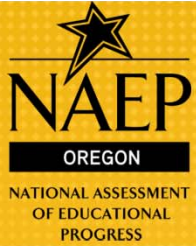
NAEP Math Grade 4: Oregon and U.S. Public Schools Overall, 1996 - 2013



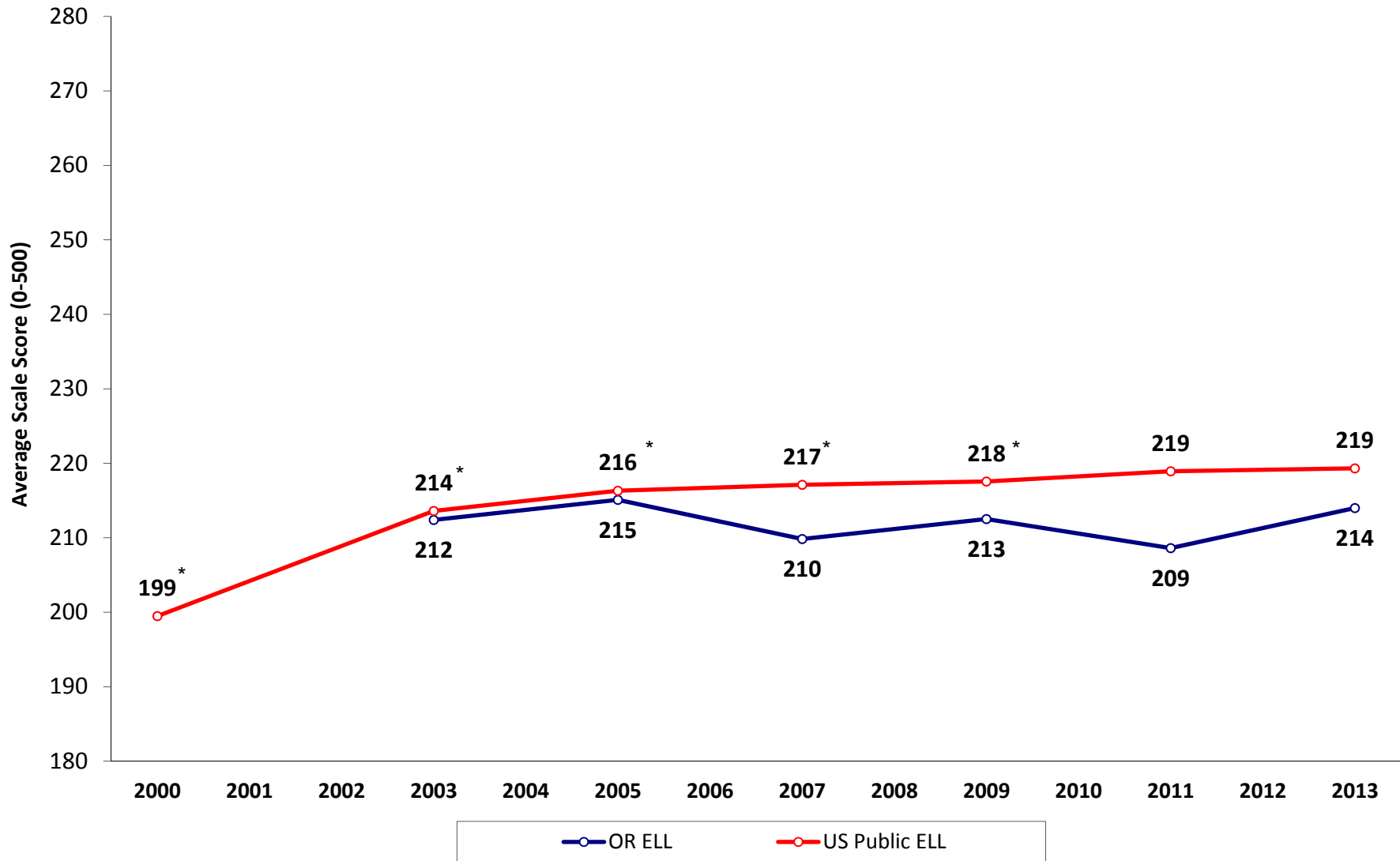
Accommodations not permitted in 1996.

NOTE: *Score significantly different from 2013 score for same jurisdiction. Observed differences between jurisdictions are not necessarily statistically significant.

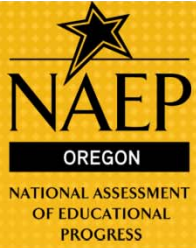
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).



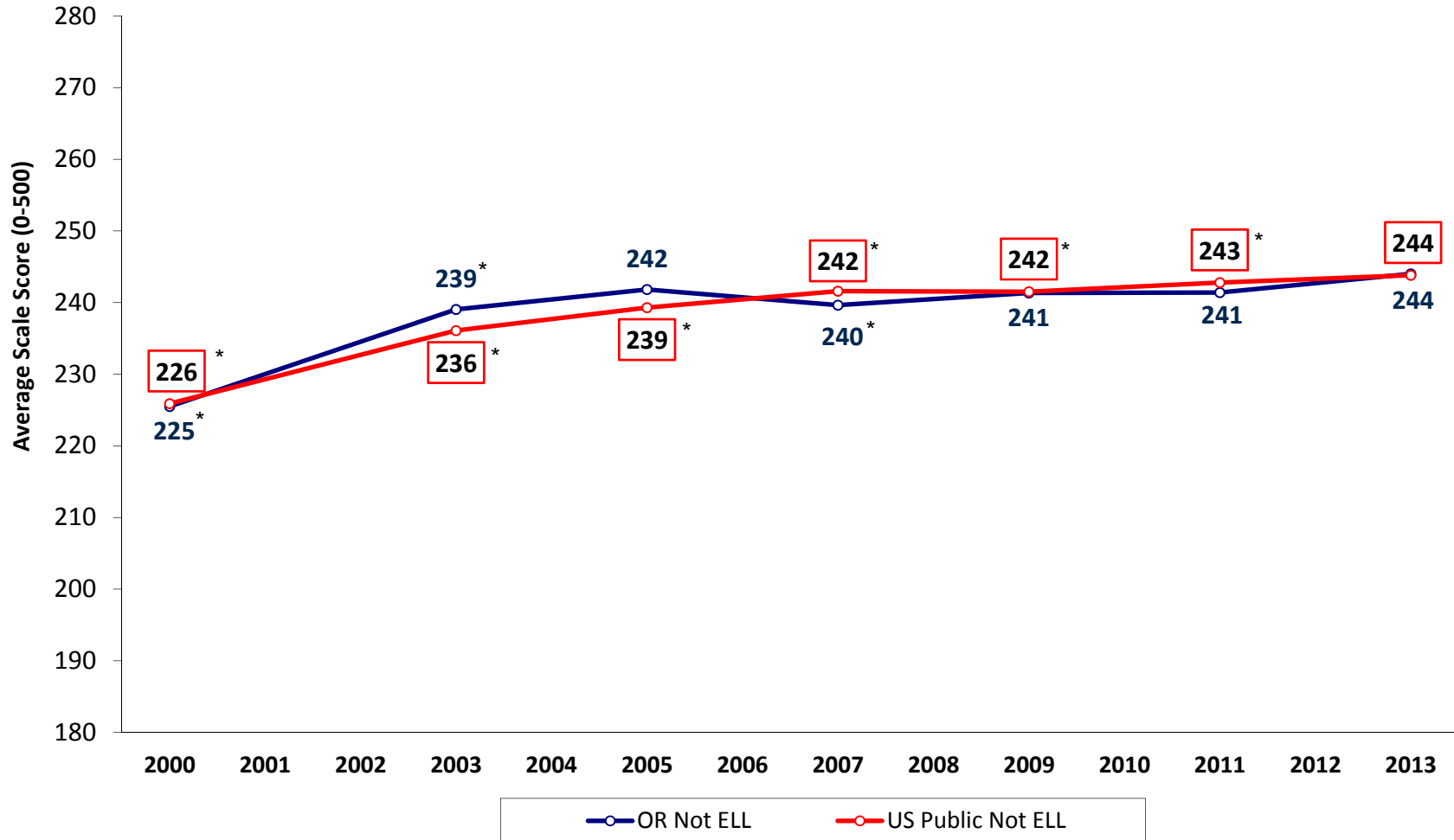
NAEP Math Grade 4 – Oregon and U.S. Public English Learners Average Scale Score: 2000 - 2013



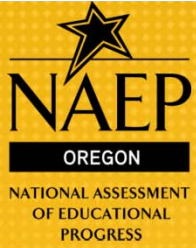
NOTE: *Score significantly different from 2013 score for same jurisdiction. Observed differences between jurisdictions are not necessarily statistically significant.



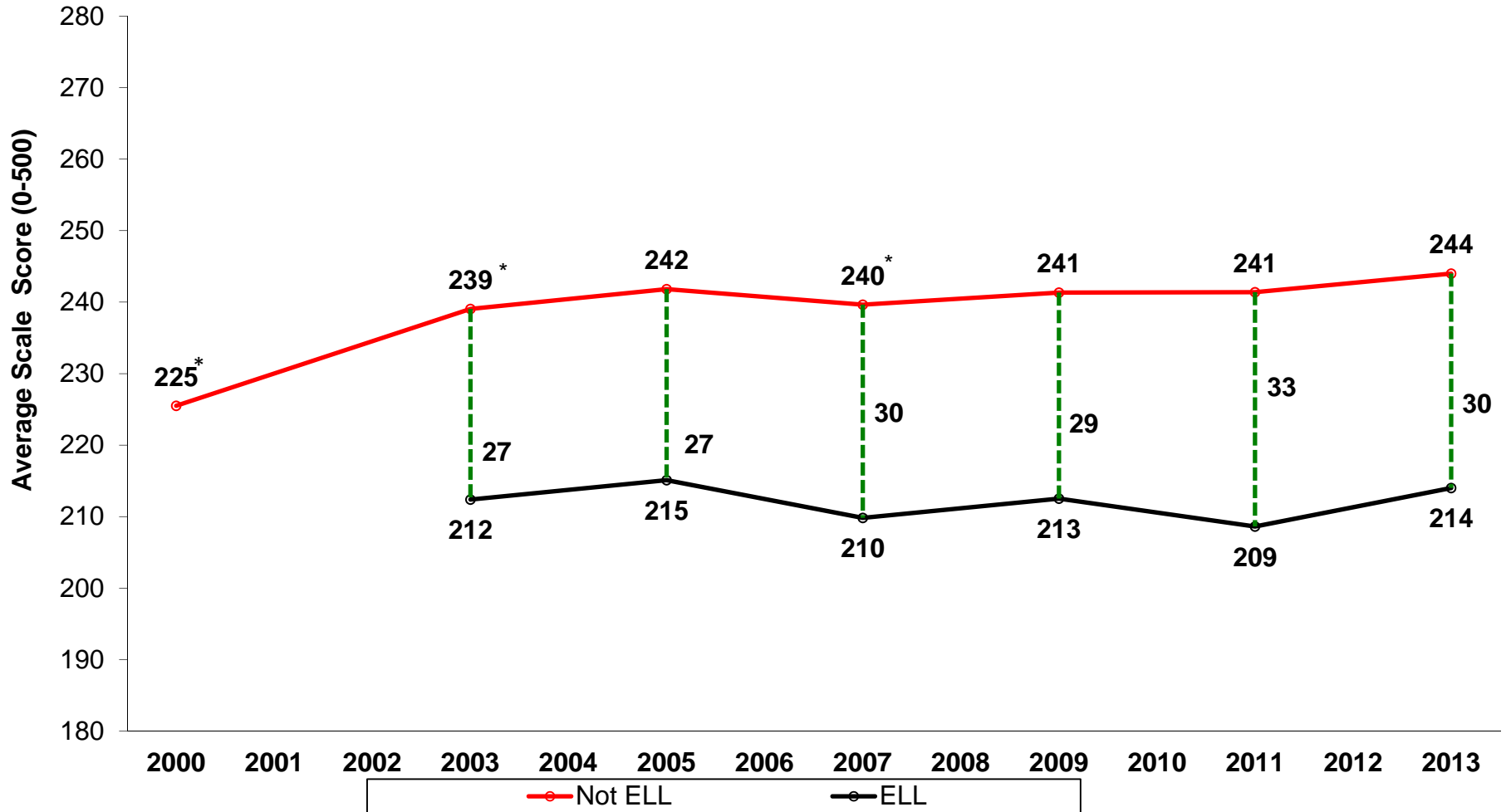
NAEP Math Grade 4 – Oregon and U.S. Public English Proficient Average Scale Score: 2000 - 2013



NOTE: *Score significantly different from 2013 score for same jurisdiction. Observed differences between jurisdictions are not necessarily statistically significant.



NAEP Math Grade 4 – Oregon English Learners and English Proficient Students : 2000 - 2013

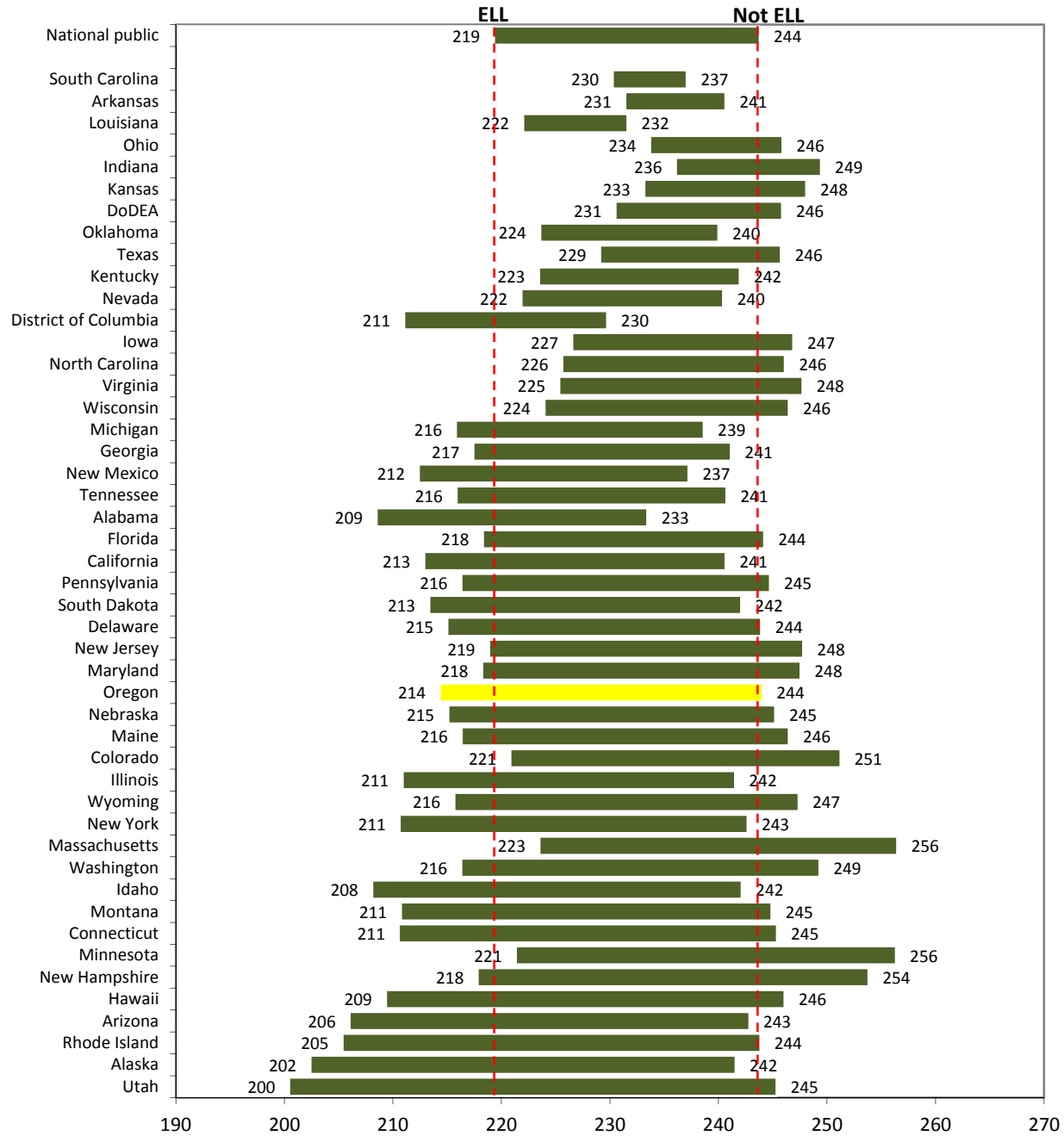


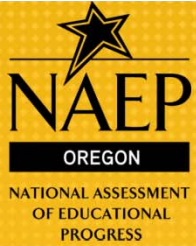
NOTE: *Value is significantly different from the value in 2013.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – Not ELL - ELL

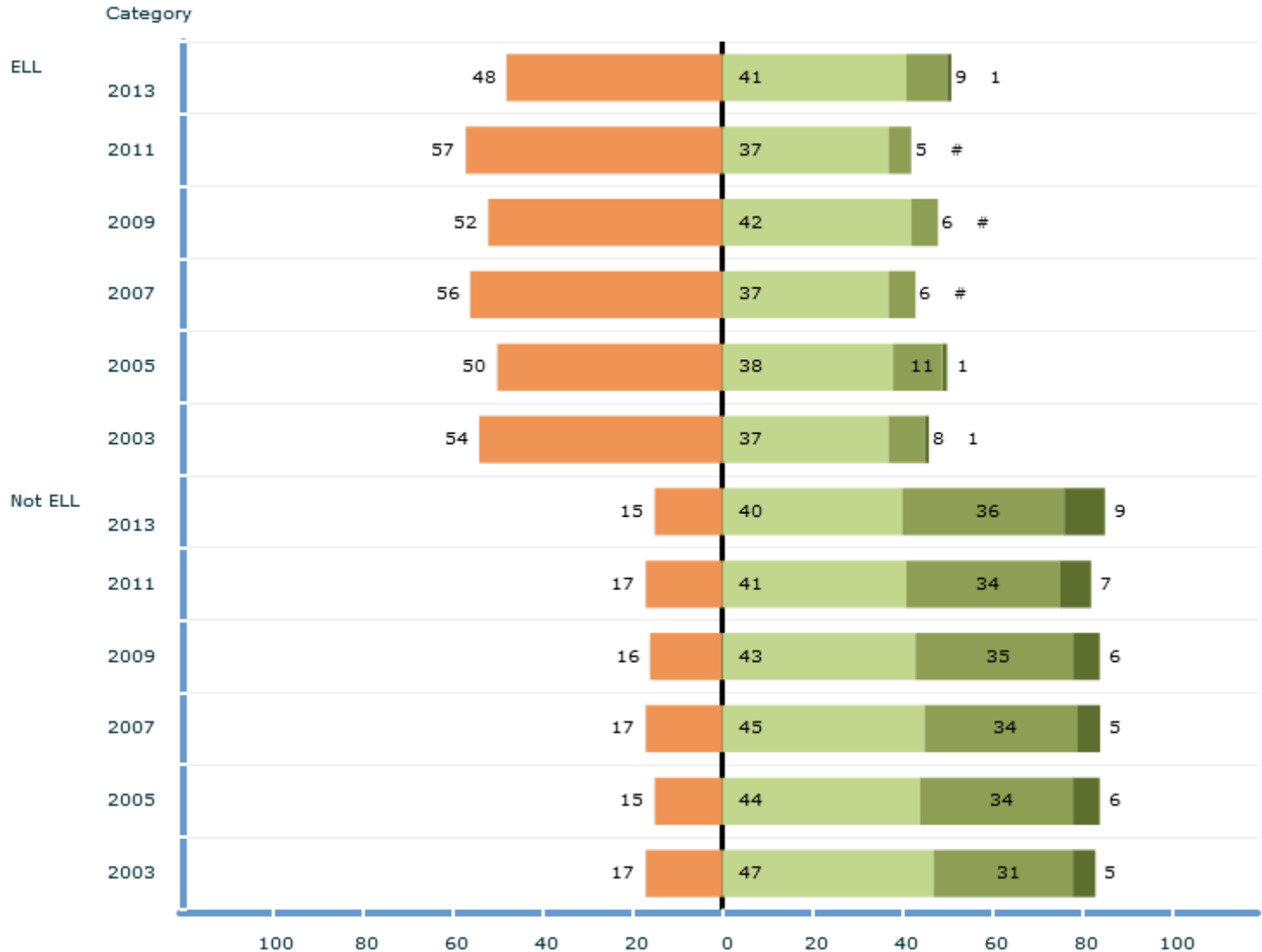
Gap - Average Scale Score: 2013



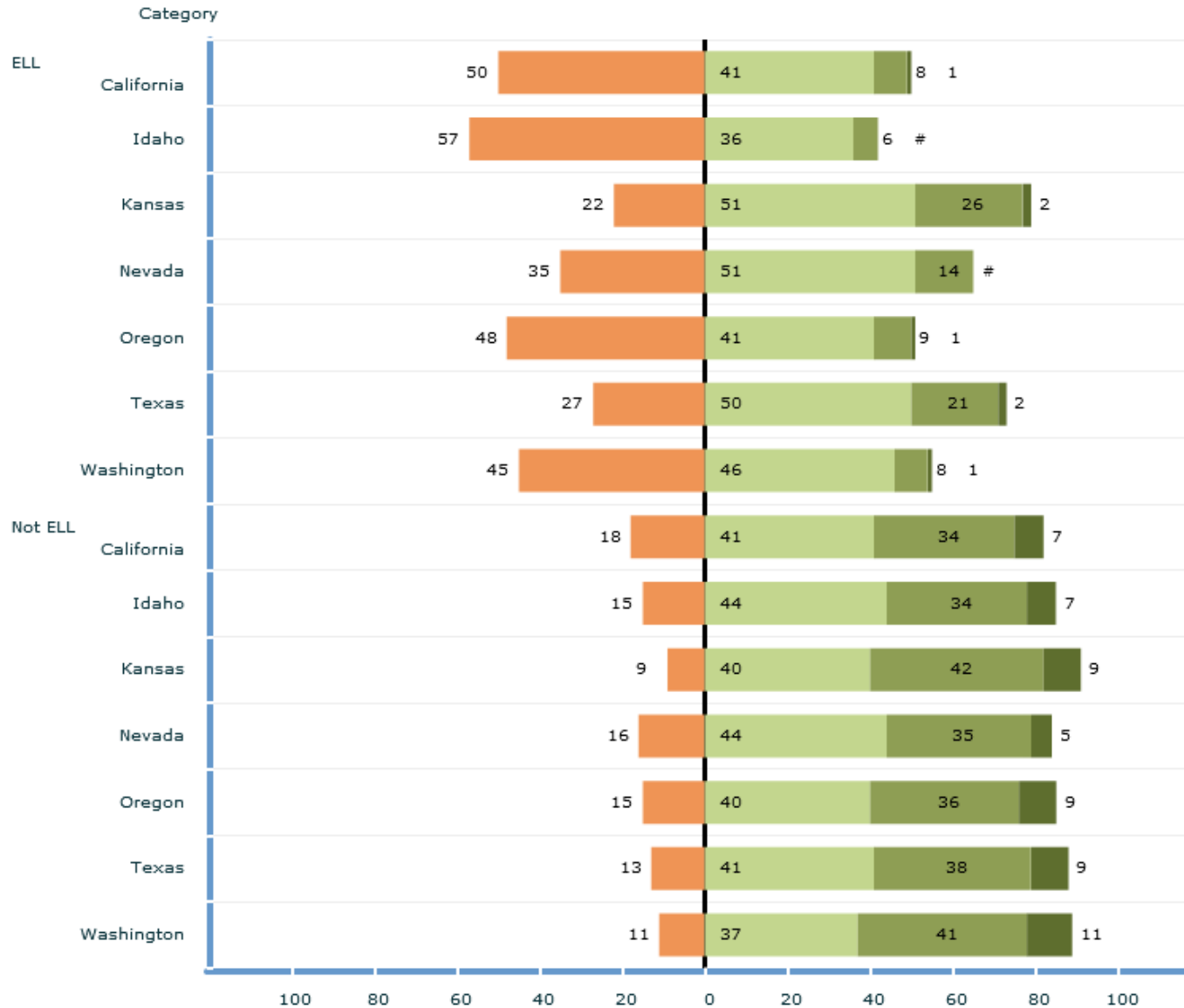


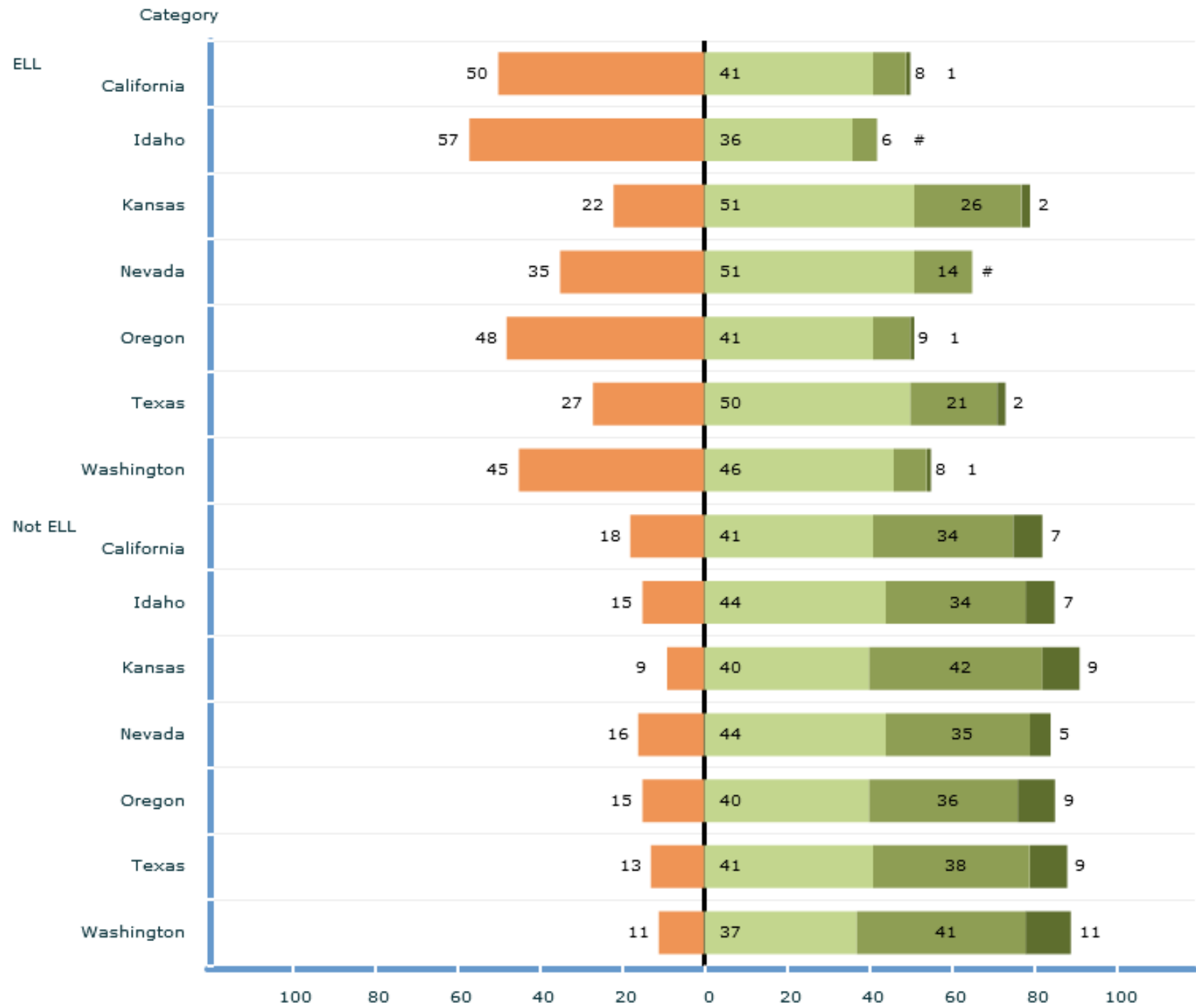
NAEP Grade 4 Math, Oregon Public Schools, ELL and Not ELL, 2003 - 2013

below Basic at Basic at Proficient at Advanced

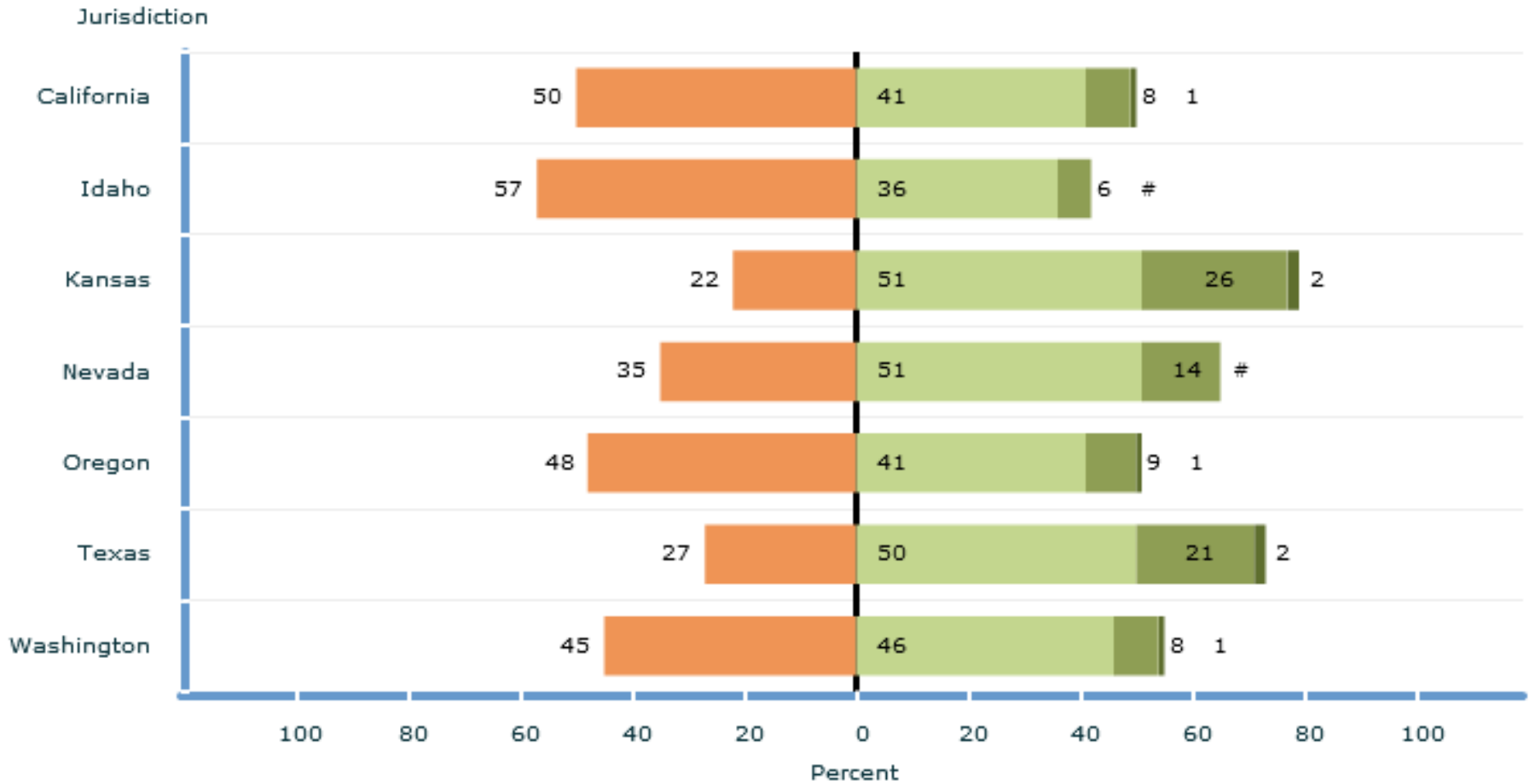


NAEP Grade 4 Math, 2013, ELL and Not ELL





NAEP Grade 4 Math, 2013, ELL



Data from NAEP Grade 4 Math, 2013

State	Percent ELL	ELL Average Score	All Students Average Score
Kansas	13	233	246
Nevada	22	222	236
Texas	23	229	242
OREGON	13	214	240

ELL-Not ELL Gaps by State

State	ELL Average Score	Not-ELL Average Score	Gap
Kansas	233	248	-15
Nevada	222	240	-19
Texas	229	246	-17
OREGON	214	244	-30

ELL Change in Scores 2003 to 2013

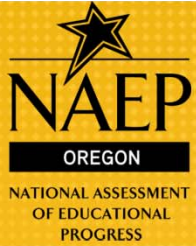
State	ELL Average Score 2003	ELL Average Score 2013	Change 2003-2013
Kansas	224	233	9
Nevada	208	222	14
Texas	219	229	10
OREGON	212	214	2

Cross-state comparisons

State	Current per pupil expenditures (10-11)	Child poverty rate (2012)	Pupil/teacher ratio (10-11)	State provides grade 4 state math test in Spanish
Kansas	10,044	19%	14.0	Yes
Nevada	8,290	24%	20.0	No
Texas	8,968	26%	14.7	Yes
OREGON	9,387	23%	20.3	Yes

Data from NAEP Grade 4 Math, 2013

ELL Students Eligible for Free or Reduced Price Lunch by State		ELL Students with an Individualized Education Plan by State	
State	Percent of ELL Students FRL Eligible	State	Percent of ELL Students with an IEP
Kansas	91	Kansas	13
Nevada	90	Nevada	16
Texas	90	Texas	7
OREGON	91	OREGON	17



Data from NAEP Grade 4 Math, 2013

Math Subscale Scores

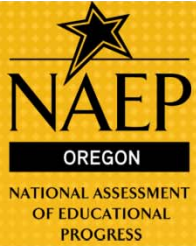
State	Algebra		Data Analysis		Geometry		Measurement		Number	
	ELL	Not-ELL	ELL	Not-ELL	ELL	Not-ELL	ELL	Not-ELL	ELL	Not-ELL
Kansas	237	253	237	250	233	242	232	248	232	248
Nevada	224	242	224	241	231	243	214	238	221	240
Texas	233	249	225	242	231	245	230	247	227	245
OREGON	221	244	210	243	220	243	209	246	213	244

Data from NAEP Grade 4 Math, 2013

How many hours of mathematics instruction do your students receive in a typical week? (Teacher Survey): Percent of ELL students

State	% Less than 3 hours	% At least 3 hours, but less than 5 hours	% At least 5 hours, but less than 7 hours	% 7 hours or more
Kansas	10	1*	42	48
Nevada	3	2	54	41
Texas	9	4	30	57
OREGON	2	8	66	24

*Unable to perform test of statistical significance.



Data from NAEP Grade 4 Math, 2013

**Approximately how much mathematics homework do you assign to students in this class each day?
(Teacher Survey): Percent of ELL students**

State	% None	% 15 minutes	% 30 minutes	% 45 or more minutes
Kansas	15	57	26	2*
Nevada	2	51	42	4
Texas	2	45	46	7
OREGON	5	58	36	1

*Unable to perform test of statistical significance.

Data from NAEP Grade 4 Math, 2013

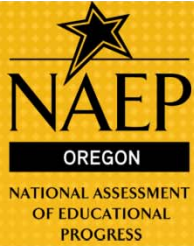
Are computers available for use by you or your students (Teacher Survey): Percent of ELL students

State	% Available to both	% Available only to teacher	% Not available
Kansas	97	3	<1*
Nevada	94	6	<1*
Texas	96	4	<1*
OREGON	81	18	1

*Unable to perform test of statistical significance.

Consider all the professional development activities you participated in during the last two years. To what extent did you learn about use of computers or other technology in mathematics instruction (Teacher Survey): Percent of ELL students

State	% Not at all	% Small extent	% Moderate extent	% Large extent
Kansas	26	40	28	6
Nevada	29	39	25	7
Texas	12	38	39	12
OREGON	47	35	14	4



Data from NAEP Grade 4 Math, 2013

How often do you use each of the following to assess student progress in mathematics? (Teacher Survey)

Multiple-choice tests: Percent of ELL students

State	% Never or hardly ever	% Once or twice a year	% Once or twice a month	% Once or twice a week
Kansas	16	8	65	10
Nevada	15	8	51	26
Texas	3	2	42	53
OREGON	20	23	53	4

Data from NAEP Grade 4 Math, 2013

Problem sets: Percent of ELL students

State	% Never or hardly ever	% Once or twice a year	% Once or twice a month	% Once or twice a week
Kansas	2*	5	27	66
Nevada	5*	3	33	59
Texas	4*	1	14	81
OREGON	<1	2	48	50

*Unable to perform test of statistical significance.

Short or long written responses: Percent of ELL students

State	% Never or hardly ever	% Once or twice a year	% Once or twice a month	% Once or twice a week
Kansas	16	13	33	37
Nevada	2	2	40	56
Texas	8	3	32	56
OREGON	8	5	60	27

Data from NAEP Grade 4 Math, 2013

To what extent are students permitted to use calculators during mathematics lessons? (Teacher Survey): Percent of ELL students

State	% Unrestricted use	% Restricted use	% Calculators are not permitted
Kansas	1*	75	23
Nevada	2	55	43
Texas	2	35	63
OREGON	6	80	13

*Unable to perform test of statistical significance.

When you give students a mathematics test or quiz, how often do they use a calculator? (Teacher Survey): Percent of ELL students

State	% Never	% Sometimes	% Always
Kansas	52	48	<1*
Nevada	84	15	1*
Texas	97	3	0*
OREGON	42	56	2

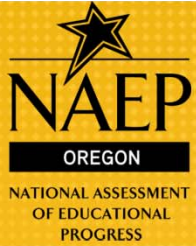
*Unable to perform test of statistical significance.

Data from NAEP Grade 4 Math, 2013

How many students are in this class? (Teacher Survey): Percent of ELL students

State	% 15 or fewer	% 16-18	% 19-20	% 21-26	% 26 or more
Kansas	13	19	12	46	10
Nevada	1	<1*	1	18	80
Texas	6	15	36	35	8
OREGON	3	1	5	12	79

*Unable to perform test of statistical significance due to small percentage.



Data from NAEP Grade 4 Math, 2013

Is there a mathematics specialist or coach available (full- or part-time) to fourth-graders at your school? (School Survey): Percent of ELL students

State	% Yes, available full-time to my school	% Yes, available part-time to my school	% No
Kansas	42	29	29
Nevada	58	6	36
Texas	47	19	34
OREGON	16	18	66

Data from NAEP Grade 4 Math, 2013

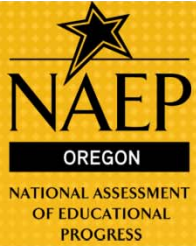
How often do you feel math is one of your favorite subjects? (Student Survey):

Percent of ELL students

State	% Never or hardly ever	% Sometimes	% Often	% Always or almost always
Kansas	9	25	20	46
Nevada	13	27	18	42
Texas	8	26	14	52
OREGON	14	36	20	30

How often do you feel you like math? (Student Survey): Percent of ELL students

State	% Never or hardly ever	% Sometimes	% Often	% Always or almost always
Kansas	4	27	26	44
Nevada	8	29	19	44
Texas	6	25	15	55
OREGON	6	36	25	33



Thank You!

For more information, contact your
NAEP State Coordinator,
Beth LaDuca,
at beth.laduca@state.or.us
or 503-947-5836.