



KENTUCKY DEPARTMENT OF EDUCATION

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MEDIA CONTACT: Nancy Rodriguez

Office: (502) 564-2000, ext. 4610 **Cell:** (502) 330-5063 **E-mail:** nancy.rodriquez@education.ky.gov

****NOTE TO EDITORS/REPORTERS: NAEP SCORES ARE NOT REPORTED FOR DISTRICTS, SCHOOLS OR STUDENTS****

KENTUCKY STUDENTS OUTPERFORM NATIONAL PEERS IN READING ON NATION'S REPORT CARD; HOLD STEADY IN MATH

(FRANKFORT, KY.) -- Kentucky's 4th graders and 8th graders continue to outperform their peers nationally in reading and are on par or slightly below the national average in mathematics according to data released today from the 2013 National Assessment of Educational Progress (NAEP), also known as the Nation's Report Card.

The 2013 data indicate:

- In both 4th and 8th grade reading, Kentucky students scored above the national average for public school students.
- In 4th grade mathematics, Kentucky students scored the same as the national average. The average score was unchanged from 2011.
- In 8th grade mathematics, the average score of Kentucky students was not significantly different from their average score in 2011 but was up 24 points from their score in 1990.
- Kentucky's results have remained steady over the past few years, with minor gains and losses. Since 1998, Kentucky's 4th graders have gained 6 points on the NAEP reading assessment, and 8th graders also have gained 8 points. Since 2000, Kentucky's 4th graders have gained 20 points on the NAEP mathematics assessment, and 8th graders have gained 11 points.

In an effort for NAEP scores to more accurately reflect the achievement of all Kentucky students, the Kentucky Department of Education encouraged schools to include students in 2013 NAEP testing who, in the past, may have been excluded from the test, based on teacher recommendations using students' Individual Education Plans (IEPs).

This year, in accordance with NAEP rules, many more students with disabilities and those with limited English proficiency (LEP) completed the test without special assistance or accommodation. NAEP does not allow all of the accommodations Kentucky students are allowed on the state's tests.

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“Kentucky has made great strides in being more inclusive -- essentially reducing the exclusion rates by as much as two-thirds from 2011 while not significantly impacting results,” said Education Commissioner Terry Holliday. “Typically, there is as much as a 30 percent difference in the scores of students with special needs and those without, so while we would have liked to have seen increases, the fact that Kentucky achievement levels are holding steady is actually not bad news. As we move forward, we need to focus on not only increased student achievement but also on closing the gaps among all students.”

**READING
EXCLUSION RATES* OF STUDENTS WITH DISABILITIES AND LIMITED ENGLISH PROFICIENCY**

	4 th grade reading			8 th grade reading		
	2009	2011	2013	2009	2011	2013
Kentucky Exclusion Rate	8%	9%	3%	7%	7%	3%
National Exclusion Rate	5%	4%	3%	4%	3%	3%

*Rounded to the nearest percentage

**MATHEMATICS
EXCLUSION RATES* OF STUDENTS WITH DISABILITIES AND LIMITED ENGLISH PROFICIENCY**

	4 th grade mathematics				8 th grade mathematics			
	2007	2009	2011	2013	2007	2009	2011	2013
Kentucky Exclusion Rate	3%	3%	3%	1%	7%	5%	3%	2%
National Exclusion Rate	3%	2%	2%	2%	4%	3%	3%	2%

*Rounded to the nearest percentage

The NAEP grading scale ranges from 0 to 500. Students' performance on NAEP fits into one of four categories: Below Basic, Basic, Proficient or Advanced. In Kentucky, in reading, 72 percent of 4th graders and 80 percent of 8th graders scored at the Basic level or above. In mathematics, 83 percent of 4th graders and 71 percent of 8th graders scored at the Basic level or above.

NAEP READING SCALE SCORES – TRENDS SINCE 1998

	Kentucky 4th-Grade Scale Score	National Average 4th-Grade Scale Score	Kentucky 8th-Grade Scale Score	National Average 8th-Grade Scale Score
1998	218	213	262	261
2002	219	217	265	263
2003	219	216	266	261
2005	220	217	264	260
2007	222	220	262	261
2009	226	220	267	262
2011	225	220	269	264
2013	224	221	270	264

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NAEP MATHEMATICS SCALE SCORES – TRENDS SINCE 2000

	Kentucky 4th-Grade Scale Score	National Average 4th-Grade Scale Score	Kentucky 8th-Grade Scale Score	National Average 8th-Grade Scale Score
2000	221	226	270	272
2003	229	234	274	276
2005	231	237	274	278
2007	235	239	279	280
2009	239	239	279	282
2011	241	240	282	283
2013	241	241	281	284

2003 marked the first year NAEP was administered under the No Child Left Behind (NCLB) Act of 2001. Under NCLB, states applying for Title I funds must indicate that they plan to participate in NAEP. In 2013, all 50 states, along with the District of Columbia and Department of Defense schools, participated in the NAEP reading and mathematics assessments.

**2013 READING NAEP SCALE SCORES –
KENTUCKY COMPARED TO OTHER STATES/JURISDICTIONS**

	States/Jurisdictions Scoring Lower than Kentucky	States/Jurisdictions Scoring Higher than Kentucky	States/Jurisdictions Scoring About the Same as Kentucky
4th-Grade Reading	21	8	22
8th-Grade Reading	23	7	21

**2013 MATHEMATICS NAEP SCALE SCORES –
KENTUCKY COMPARED TO OTHER STATES/JURISDICTIONS**

	States/Jurisdictions Scoring Lower than Kentucky	States/Jurisdictions Scoring Higher than Kentucky	States/Jurisdictions Scoring About the Same as Kentucky
4th-Grade Mathematics	12	19	20
8th-Grade Mathematics	8	29	14

For more than 40 years, NAEP has been the country’s only nationally representative and continuing survey of students’ educational achievement. The assessment is authorized by Congress, directed by the National Center for Education Statistics and developed by Educational Testing Service of Princeton, New Jersey. Westat, Inc. of Rockville, Maryland, conducts sample selection and data collection.

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NAEP protects the confidentiality of students, teachers and schools that participate by not reporting individual student, teacher or school data. NAEP provides results for major demographic groups, and states that meet NAEP reporting criteria are able to compare their results with both national results and the results of other states.

More information is available from <http://nces.ed.gov/nationsreportcard/>.

Tables on the following pages provide detailed information about Kentucky's 4th- and 8th-grade NAEP scale scores by gender, free/reduced-price meal eligibility and ethnicity.

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NAEP READING SCALE SCORES BY GENDER

	4th Grade Male		4th Grade Female		8th Grade Male		8th Grade Female	
	KY	NATION	KY	NATION	KY	NATION	KY	NATION
1998	216	210	219	215	256	253	269	268
2002	215	214	224	220	261	258	270	267
2003	215	213	223	220	261	256	272	267
2005	218	214	222	220	258	255	270	266
2007	219	216	226	223	257	256	266	266
2009	222	216	229	223	263	258	271	267
2011	223	217	227	223	264	259	274	268
2013	221	217	228	224	266	261	273	271

NAEP READING SCALE SCORES BY FREE OR REDUCED-PRICE MEAL ELIGIBILITY

	4th Grade Eligible		4th Grade Not Eligible		8th Grade Eligible		8th Grade Not Eligible	
	KY	NATION	KY	NATION	KY	NATION	KY	NATION
1998	206	195	227	226	251	245	270	268
2002	209	202	229	229	253	249	273	271
2003	209	201	229	229	257	246	273	271
2005	212	203	228	230	256	247	271	270
2007	212	205	234	232	252	247	271	271
2009	215	206	236	232	257	249	276	273
2011	216	207	236	234	260	251	278	275
2013	213	207	237	236	258	254	281	278

NAEP READING SCALE SCORES BY RACE

	4th Grade White		4th Grade African American		8th Grade White		8th Grade African American	
	KY	NATION	KY	NATION	KY	NATION	KY	NATION
1998	220	223	199	192	264	268	246	242
2002	222	227	199	198	267	271	248	244
2003	221	227	202	197	269	270	245	244
2005	222	228	203	199	266	269	248	242
2007	225	230	203	203	264	270	247	244
2009	228	229	204	204	269	271	249	245
2011	226	230	210	205	271	272	248	248
2013	227	231	204	205	272	275	247	250

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NAEP MATHEMATICS SCALE SCORES BY GENDER

	4th Grade Male		4th Grade Female		8th Grade Male		8th Grade Female	
	KY	NATION	KY	NATION	KY	NATION	KY	NATION
2000	220	225	219	223	271	273	269	271
2003	230	235	227	233	275	277	274	275
2005	233	238	230	236	275	278	273	277
2007	237	240	234	238	280	281	277	279
2009	240	240	238	238	281	283	278	281
2011	242	241	240	239	282	283	281	282
2013	242	242	241	241	281	284	280	283

NAEP MATHEMATICS SCALE SCORES BY FREE OR REDUCED-PRICE MEAL ELIGIBILITY

	4th Grade Eligible-		4th Grade Not Eligible -		8th Grade Eligible-		8th Grade Not Eligible -	
	KY	NATION	KY	NATION	KY	NATION	KY	NATION
2000	207	208	230	235	255	253	280	283
2003	220	222	237	244	261	258	284	287
2005	224	225	240	248	264	261	283	288
2007	226	227	245	249	267	265	288	291
2009	229	228	249	250	268	266	290	293
2011	232	229	251	252	271	269	294	295
2013	232	230	251	254	268	270	293	297

NAEP MATHEMATICS SCALE SCORES BY RACE

	4th Grade White-		4th Grade African American		8th Grade White		8th Grade African American	
	KY	NATION	KY	NATION	KY	NATION	KY	NATION
2000	223	233	196	203	272	283	250	243
2003	231	243	214	216	277	287	250	252
2005	234	246	217	220	276	288	255	254
2007	238	248	219	222	282	290	257	259
2009	241	248	220	222	282	292	258	260
2011	243	249	225	224	284	293	261	262
2013	244	250	224	224	283	293	260	263

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