

Educational Progress in Kentucky

14th Annual Conference of the
Kentucky Long-Term Policy Research Center
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Lexington, Kentucky



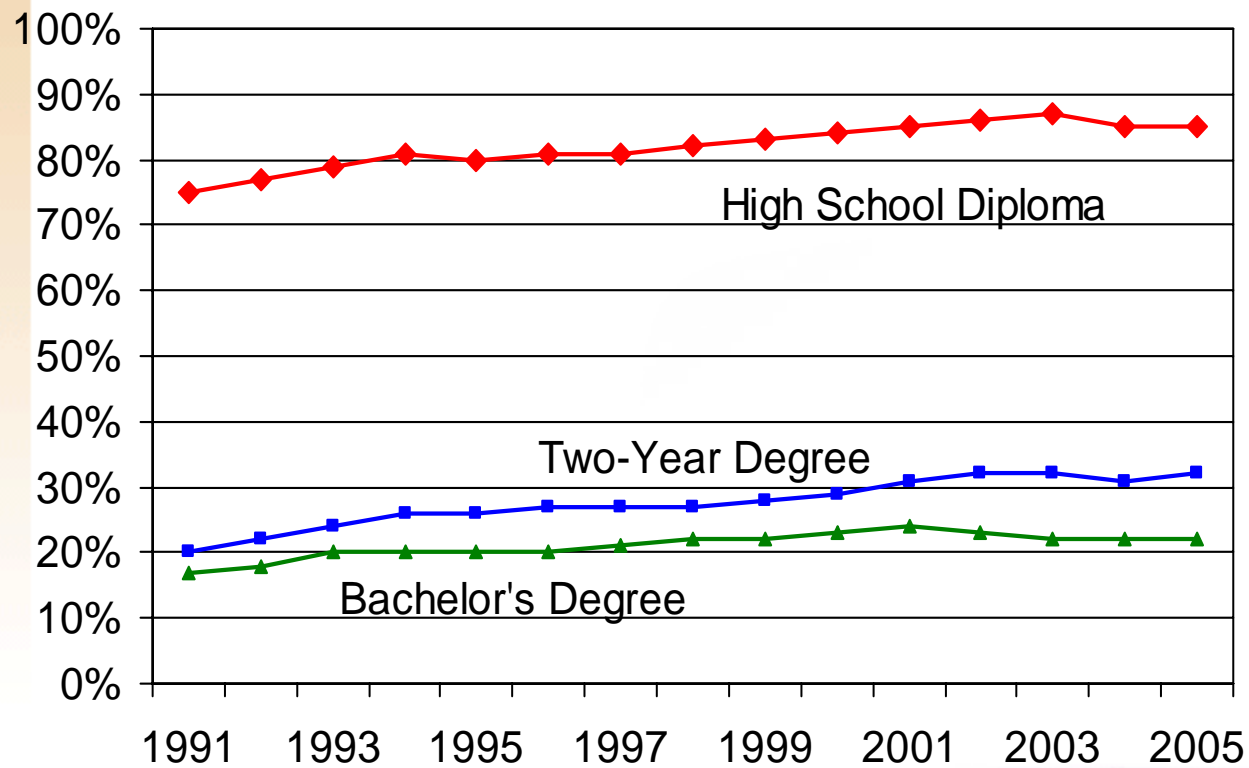
Educational Attainment: How are we doing?

- Percent of 25 to 64 year olds with at least a
 - High School Diploma
 - Two-Year Degree
 - Bachelor's Degree
- 9th- 12th Grade Dropout Rates



Educational Attainment in Kentucky

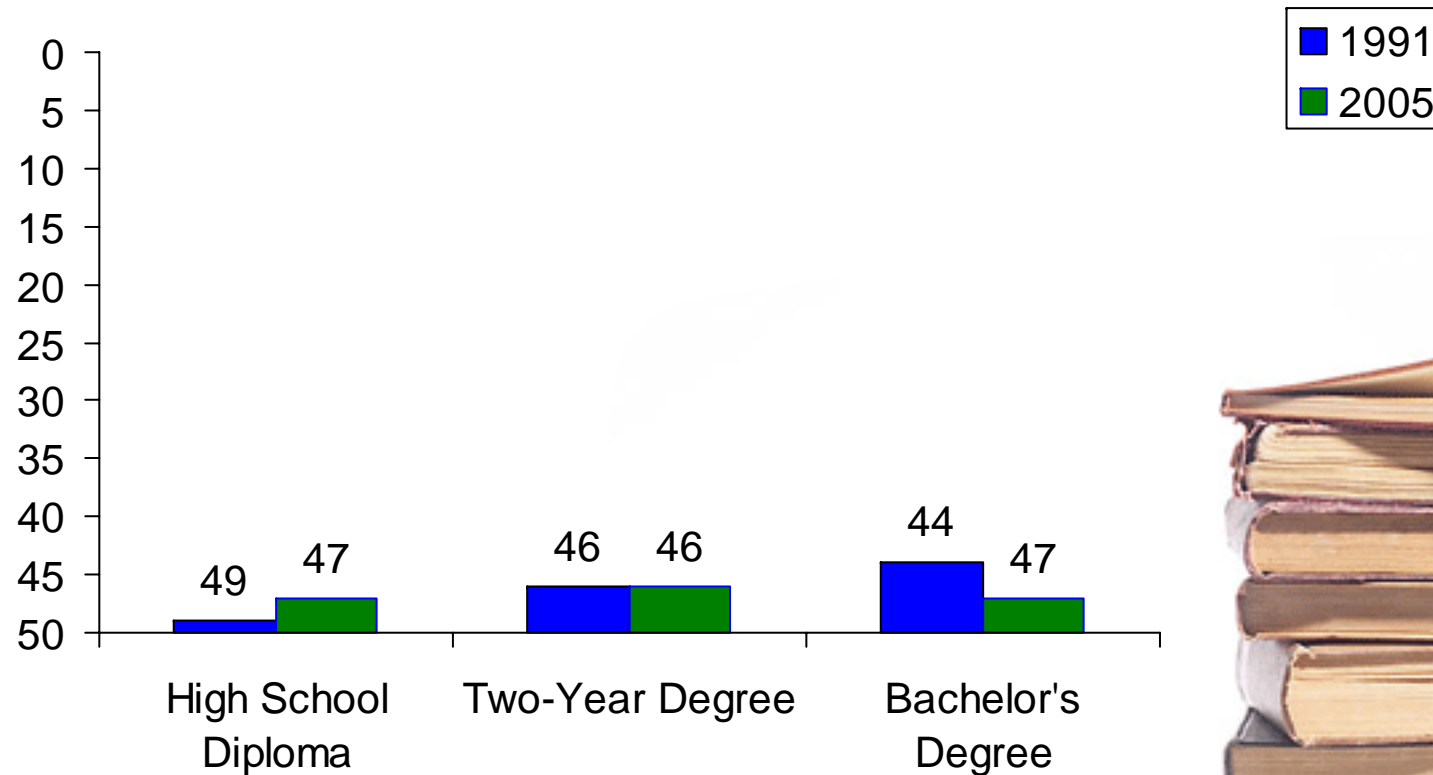
Percent of 25 to 64 Year Old Kentuckians
(3-Year Moving Average)



Source: KLTPRC analysis of Current Population Survey Data

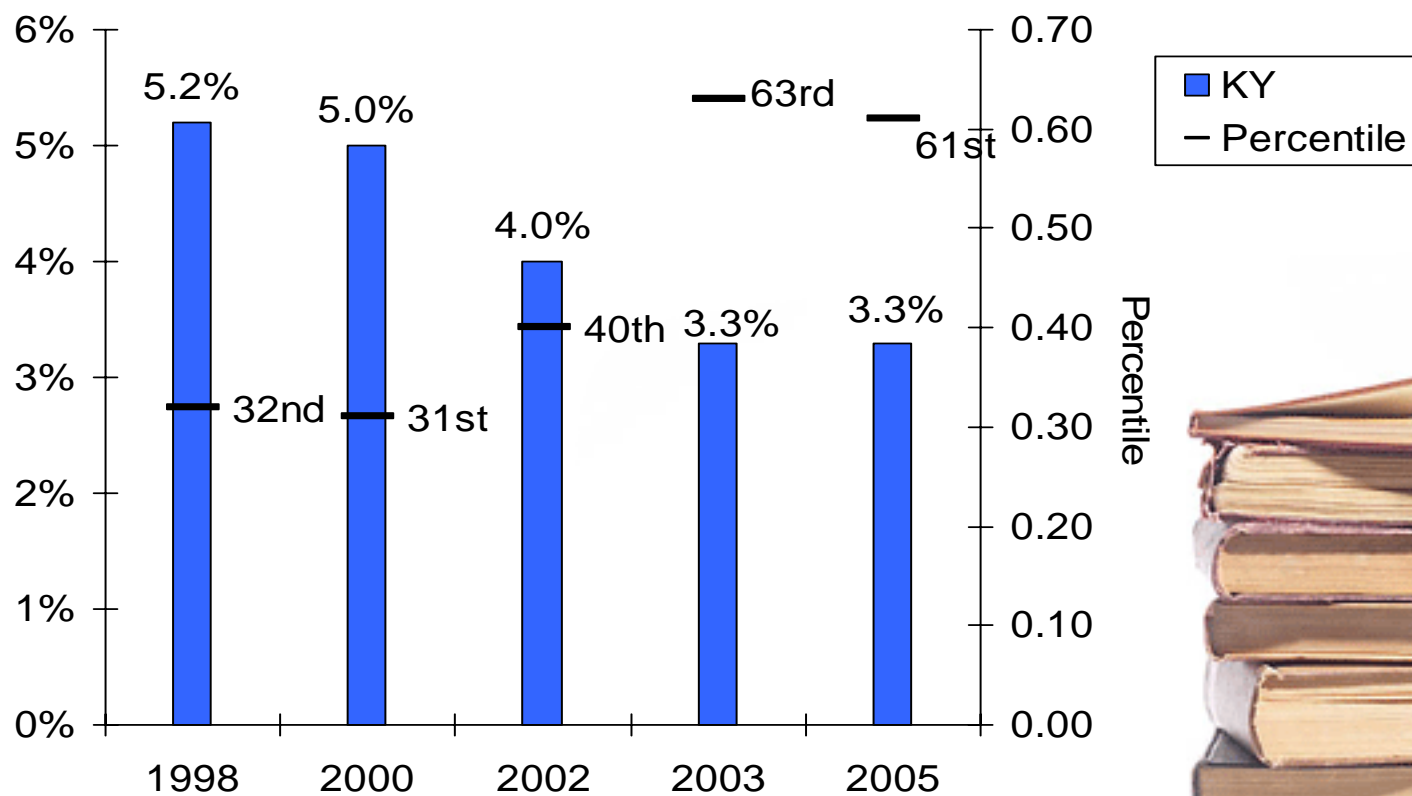


Kentucky's National Educational Attainment Rank, 1991 & 2005



Source: KLTPRC analysis of Current Population Survey Data

High School Event Dropout Rates



Source: Common Core Data from the National Center for Education Statistics

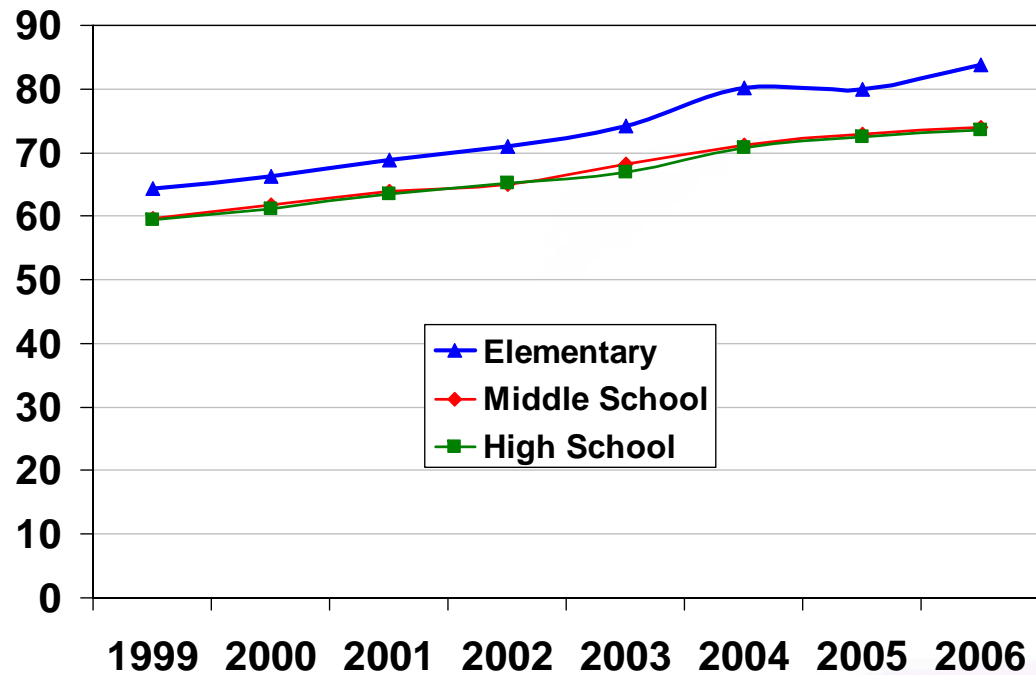
Student Achievement: How are we doing?

- CATS
- National Assessment of Educational Progress (NAEP)
 - Sample of about 2,500 public students
 - 4th and 8th grades
 - Reading, math, and science
 - Proficient and above
- ACT



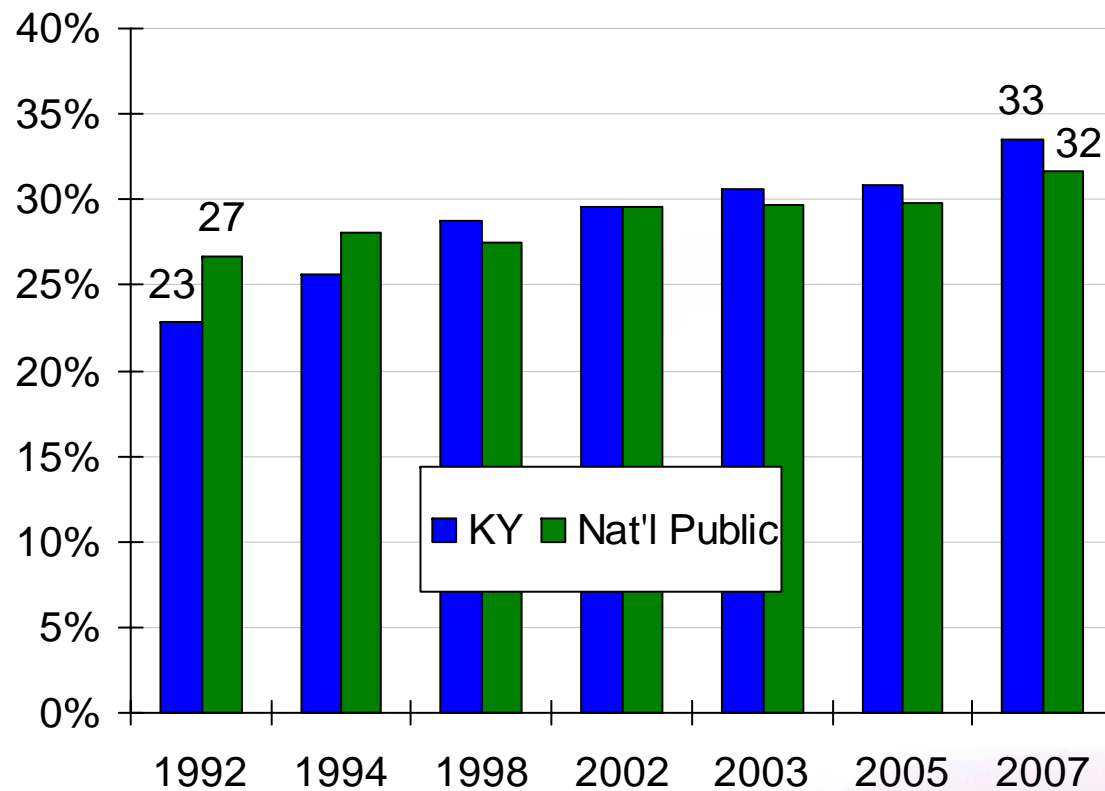
CATS Academic Index Scores are Improving

Total Academic Index, Kentucky



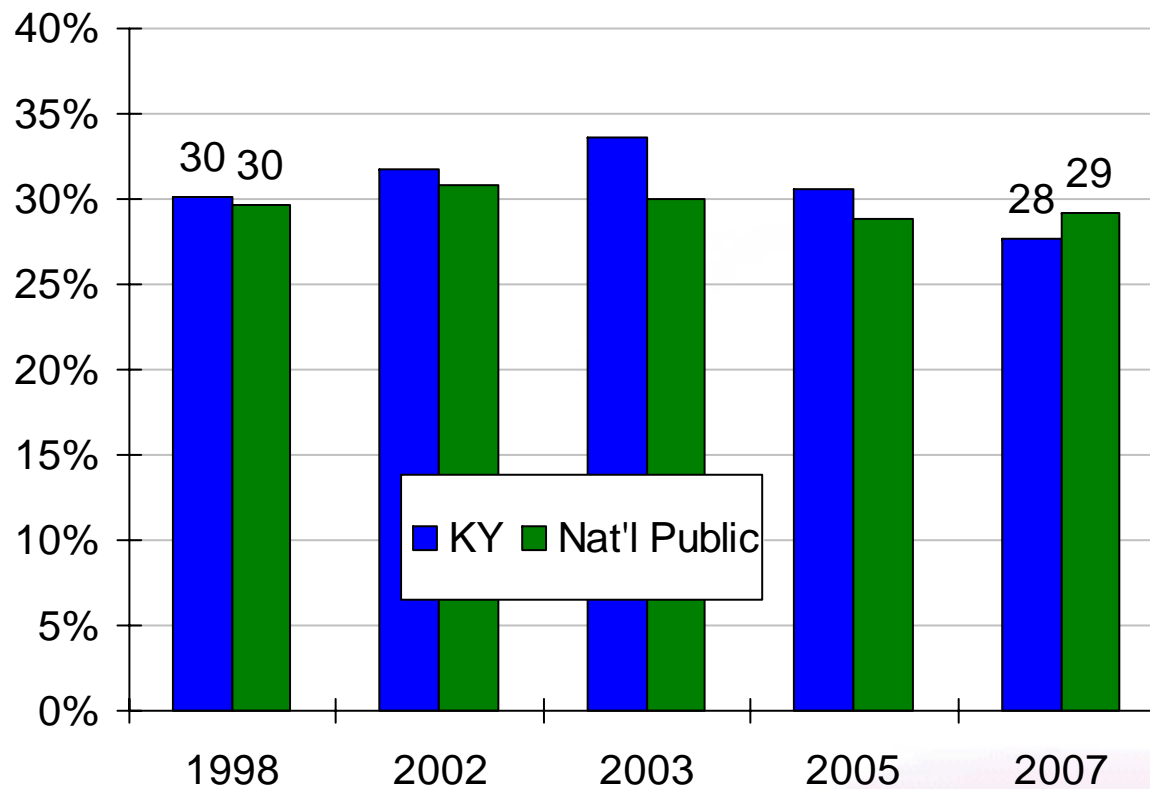
4th Grade Reading (NAEP)

Percentage Scoring At or Above Proficient

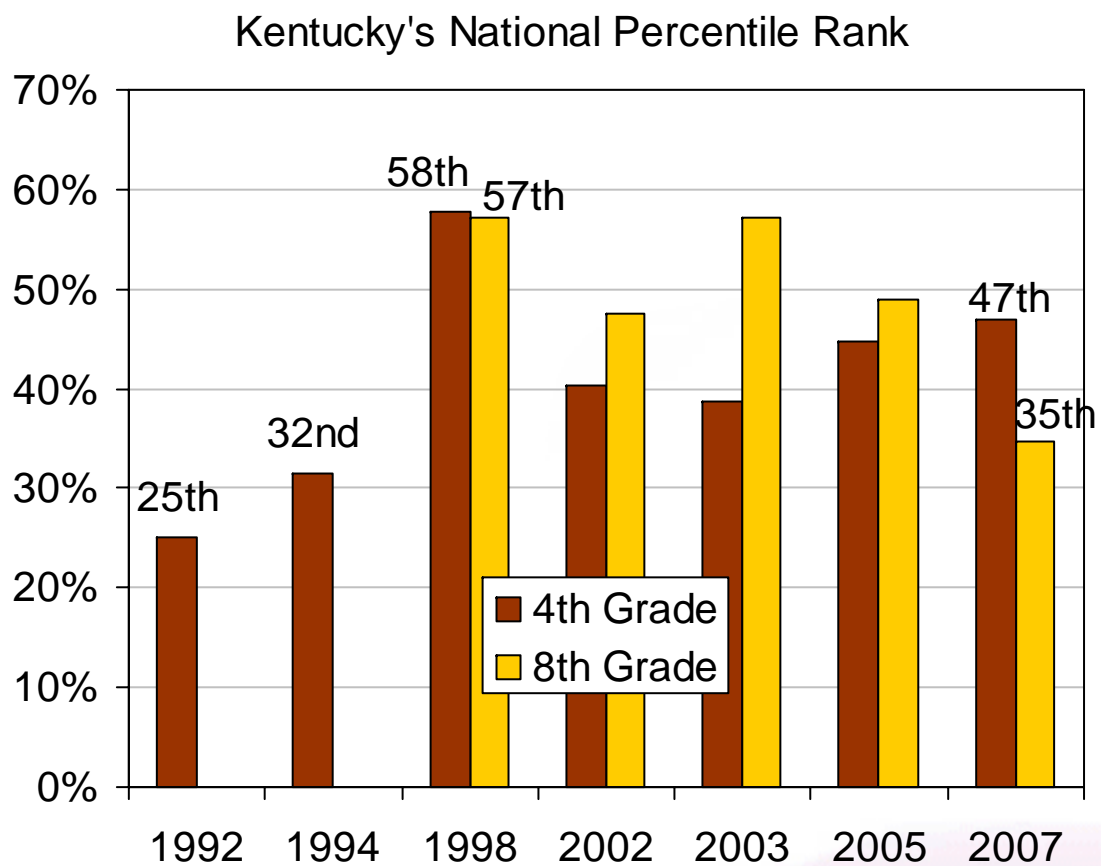


8th Grade Reading (NAEP)

Percentage Scoring At or Above Proficient

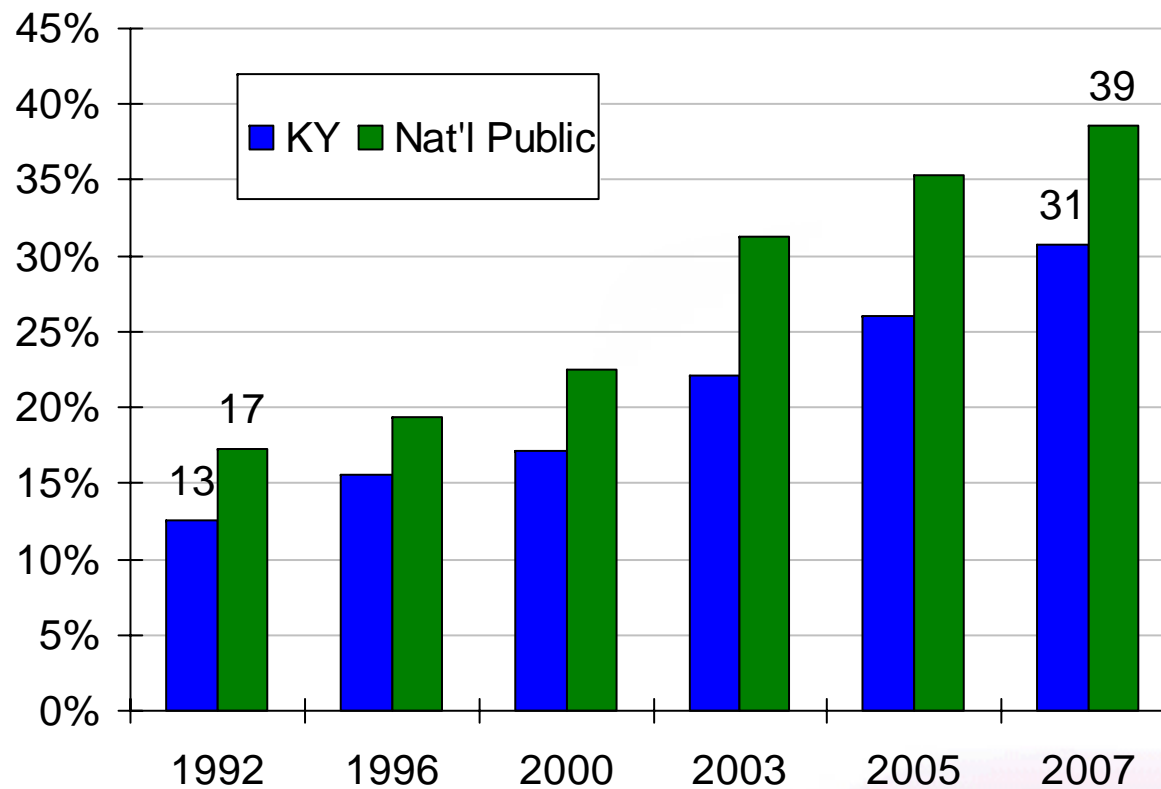


Kentucky's Rankings in Reading



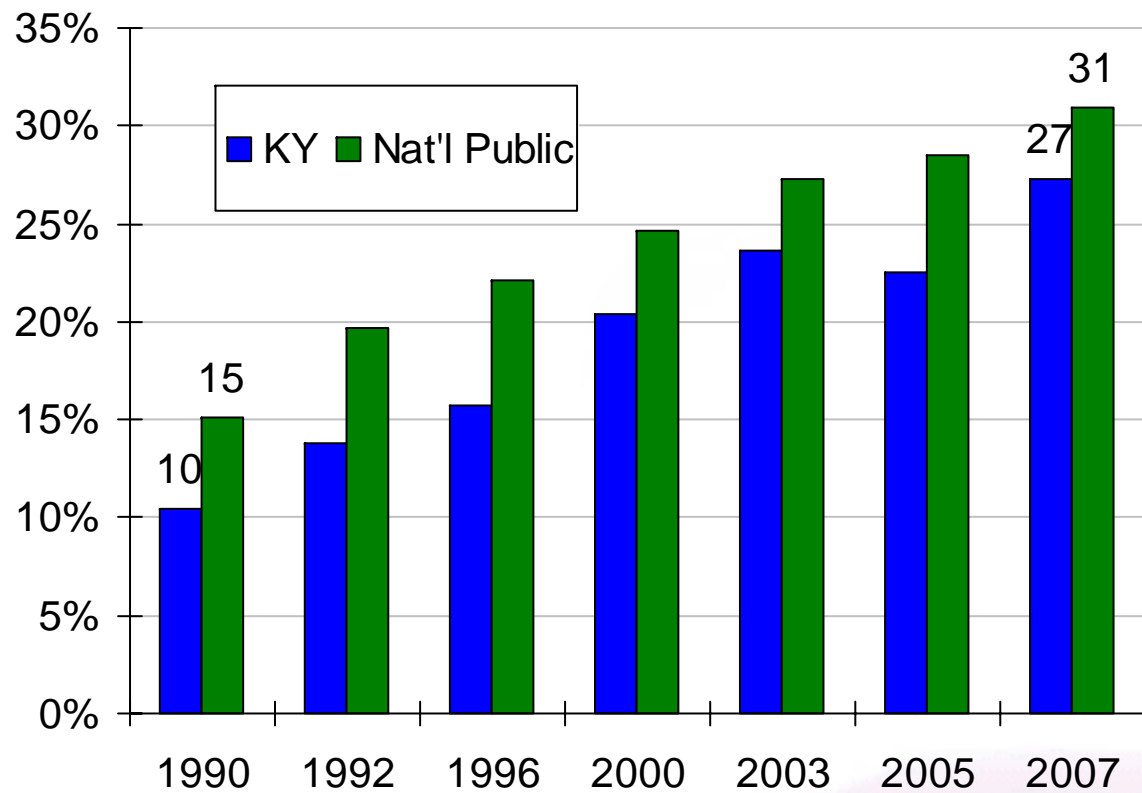
4th Grade Math (NAEP)

Percentage Scoring At or Above Proficient



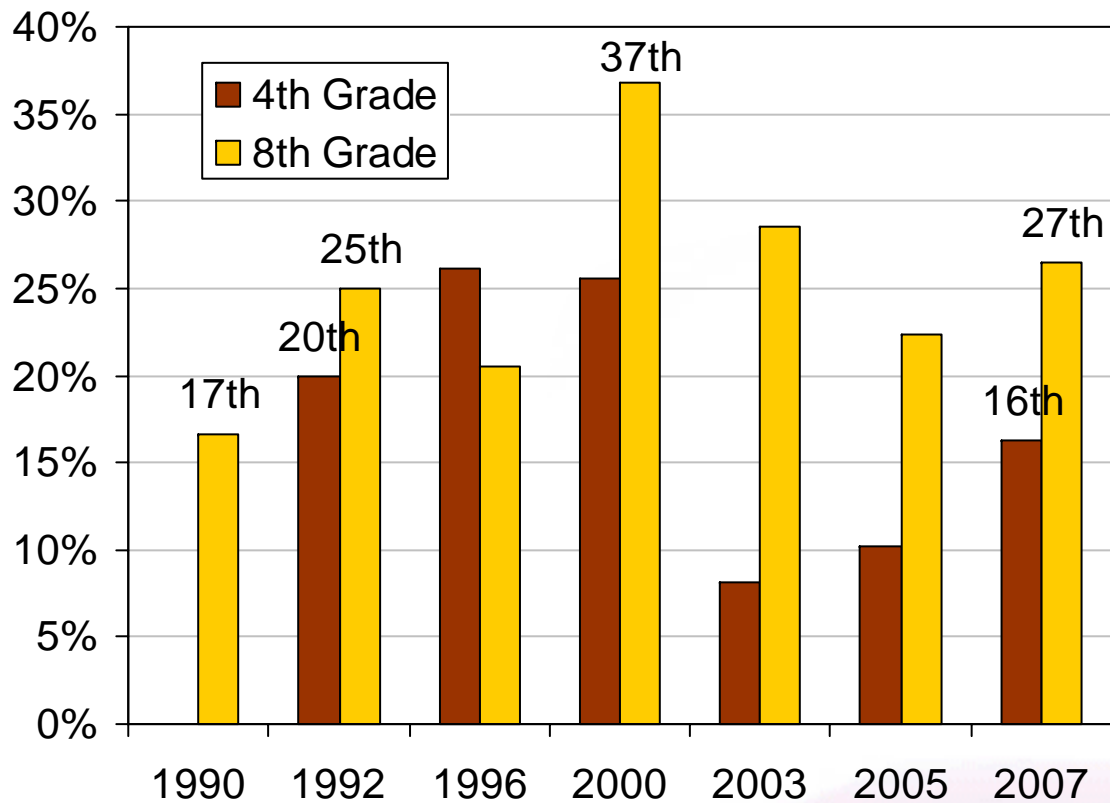
8th Grade Math (NAEP)

Percentage Scoring At or Above Proficient



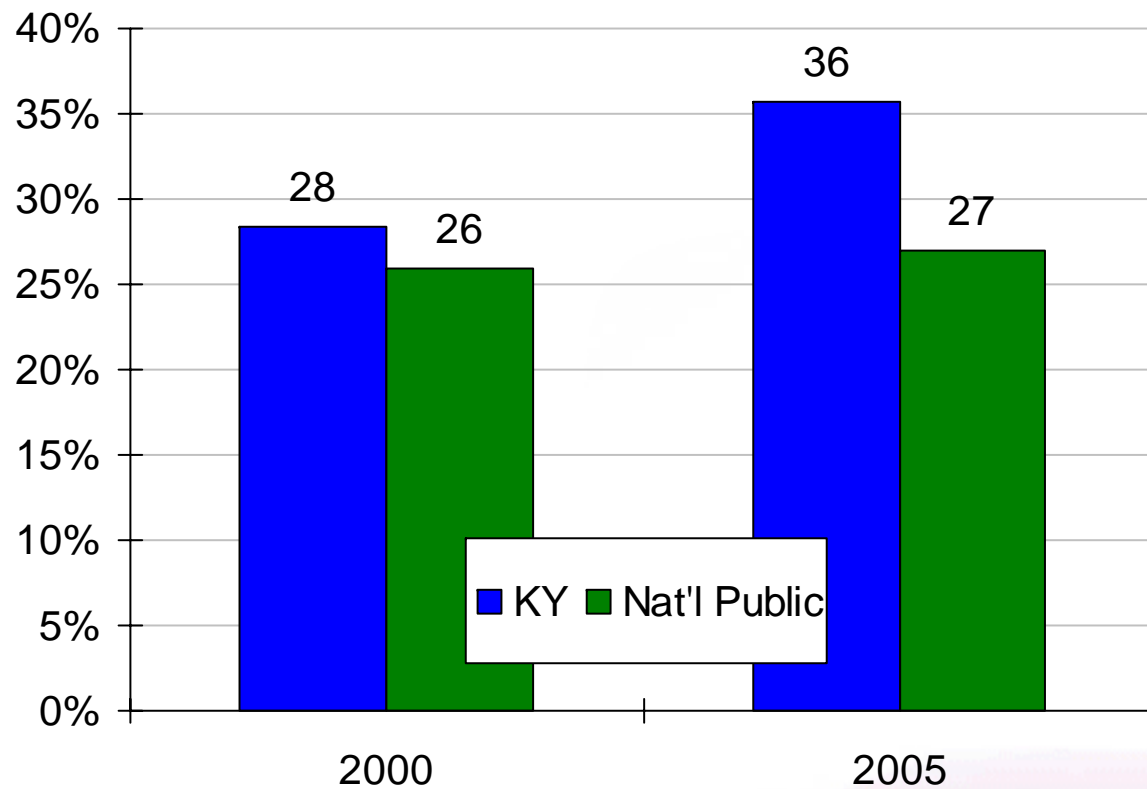
Kentucky's Math Ranking

Kentucky's National Percentile Rank



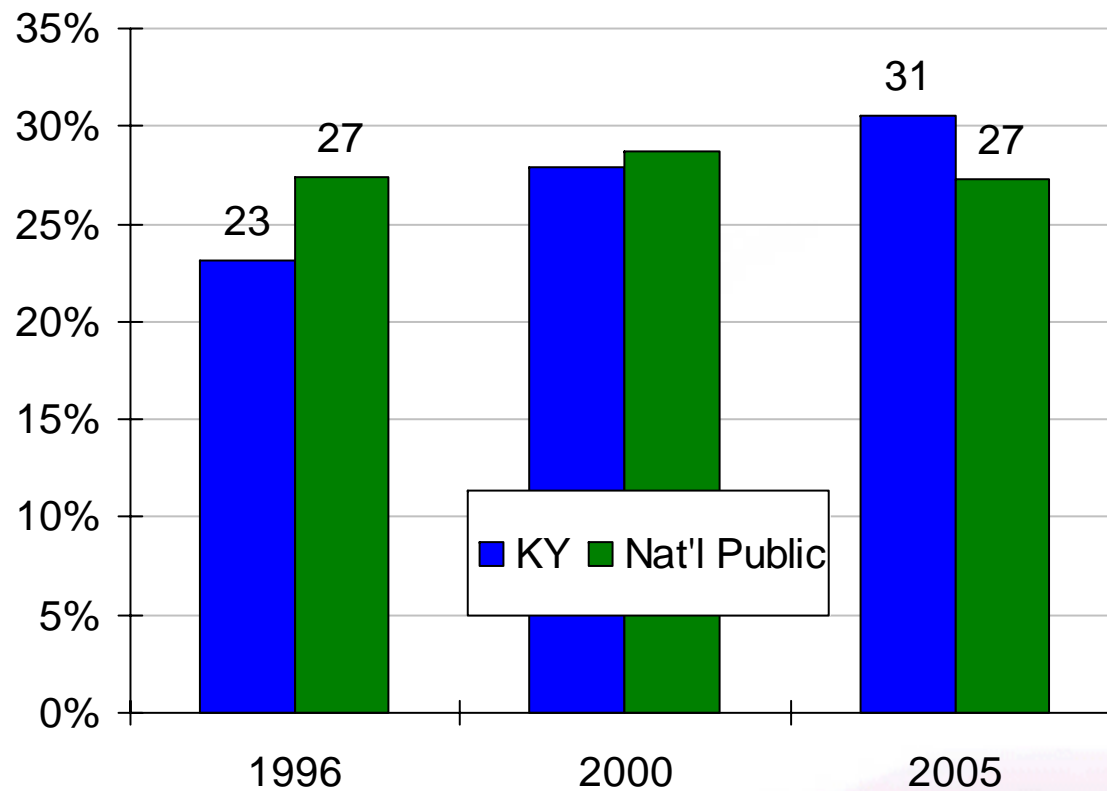
4th Grade Science (NAEP)

Percentage Scoring At or Above Proficient



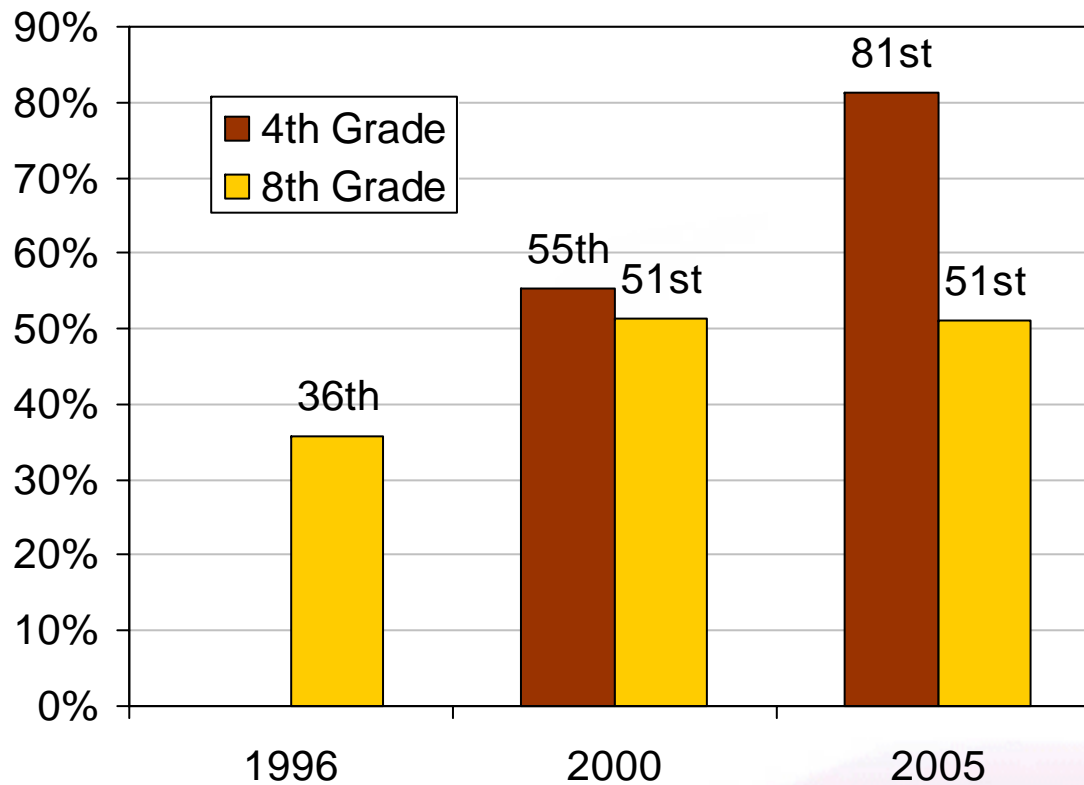
8th Grade Science (NAEP)

Percentage Scoring At or Above Proficient

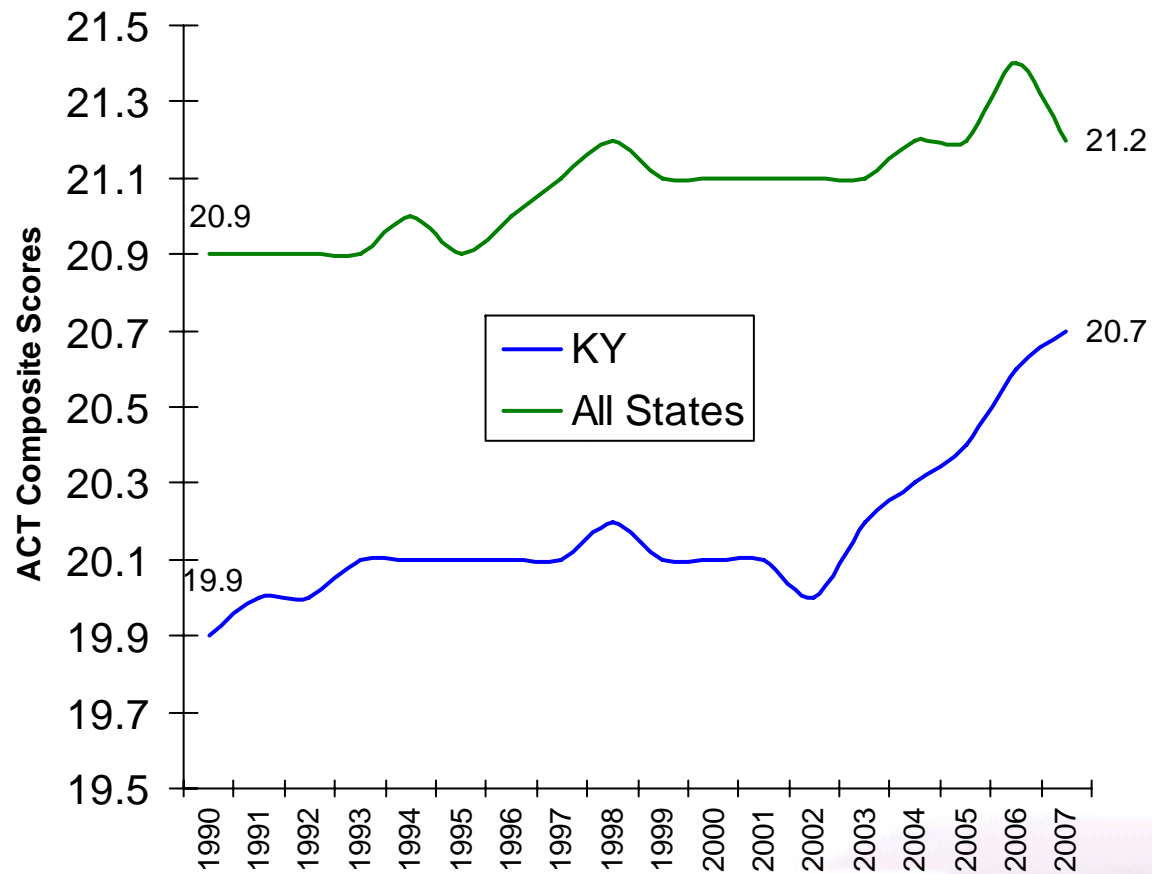


Kentucky's Rankings in Science

Kentucky's National Percentile Rank

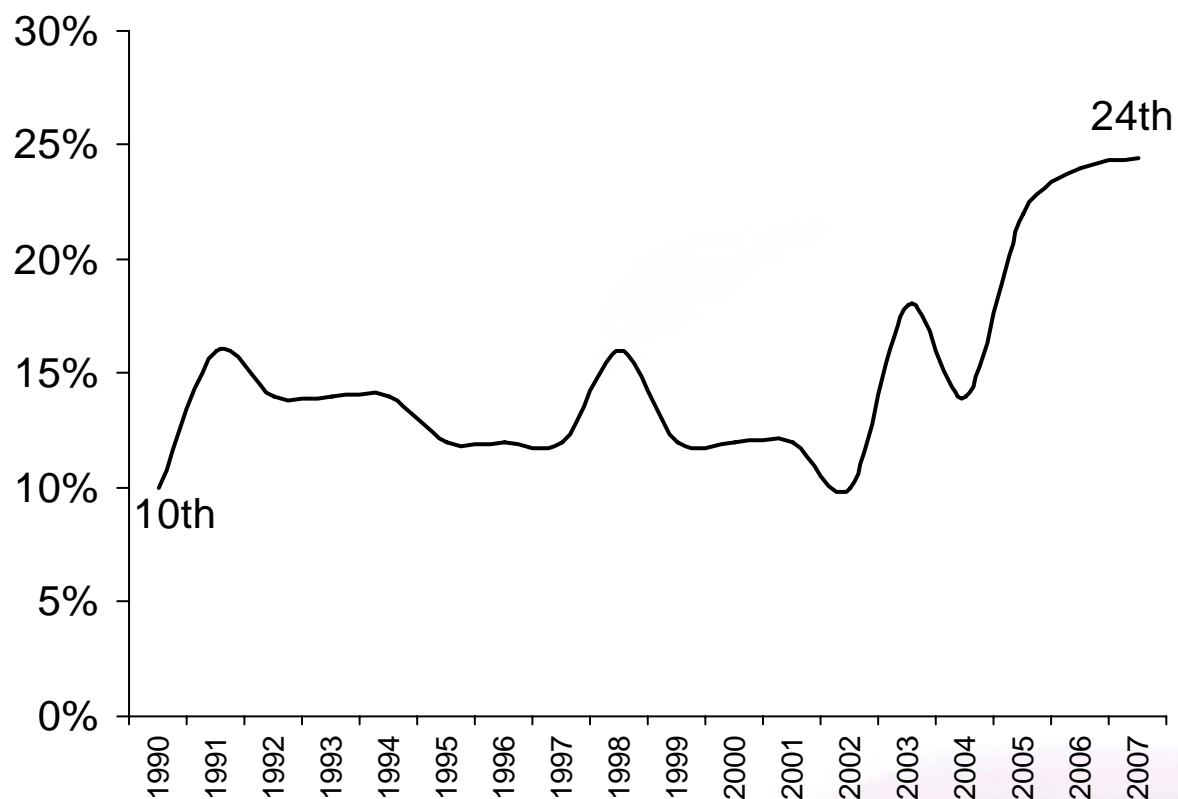


ACT, Kentucky and the U.S.



Kentucky 's ACT Percentile Ranking

Kentucky's National Percentile Rank



A lot of progress, but generally still trailing the nation

		Steady Progress?		
		No	Flat	Yes
Kentucky's Rank/Percentile Rank Above Average?	N O			ACT Math 4 Math 8 High School Two-Year Degree Bachelor's Degree
	A V G		Reading 8	Reading 4 Science 8
	Y E S			Science 4 Dropout Rate

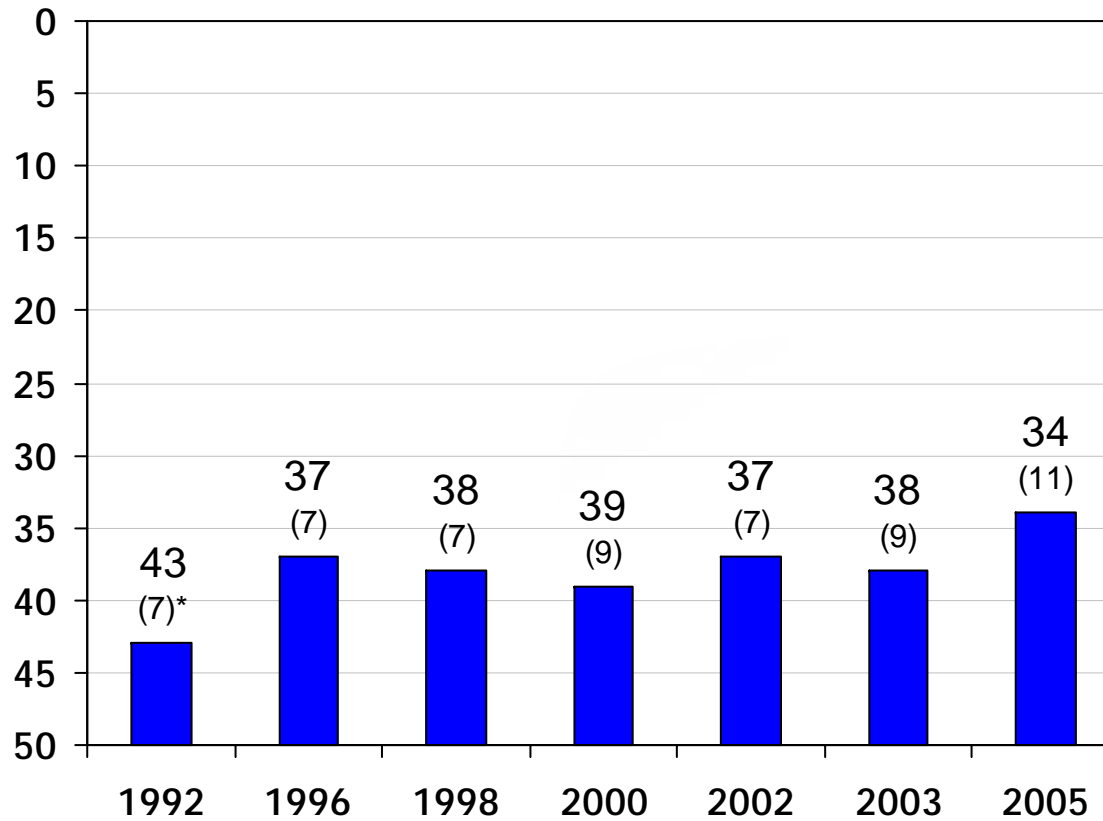


Index of Educational Progress: How are we doing?

- One Index Score
- Combines 11 indicators of progress
- Measures all states
- Shows Kentucky's overall progress over time and relative to other states.



Index of Educational Progress



**number in parentheses denotes the number of indicators used to calculate the index for that year.*



Conclusions

- Kentucky has progressed
 - Relative to our past
 - Relative to other states

43rd in 1992 (7 indicators)

34th in 2005 (11 indicators)

- Still trail two-thirds of states



What would it take for Kentucky to be a Top 10 state in education?

Education Indicators	2005 Kentucky	Top 10 2005 State Average
HS Diploma or Higher	85%	93%
Two-Year Degree or Higher	32%	46%
Bachelor's Degree or Higher	22%	34%
9 th -12 th Grade Dropout Rate	3.3%	2.9%
ACT State Composite Score	20.4%	22.1%
8 th Grade Math NAEP	23%	37%
8 th Grade Reading NAEP	31%	37%
8 th Grade Science NAEP	31%	39%
4 th Grade Math NAEP	26%	43%
4 th Grade Reading NAEP	31%	37%
4 th Grade Science NAEP	36%	35%

