

# SOME TOP 2005 DISAGGREGATED RESULTS

## FREE & REDUCED LUNCH STUDENTS AFRICAN-AMERICAN STUDENTS STUDENTS WITH DISABILITIES

*This is a report from the Kentucky Association of School Councils on the schools we see as having the strongest results for three groups who often are harmed by achievement gaps: students who participate in the free and reduced lunch program, African-American students, and students with disabilities. This page explains how we analyzed the results, and the next three show the schools with the strongest results for these three groups.*

### WHERE DID YOUR DATA COME FROM?

We obtained the numbers from the Kentucky Department of Education. KDE now publishes an Academic Index for each group at a school—except that it does not provide data if the school had fewer than 10 students in that group in one or more tested grades. KDE also provided the data on the number of students tested and the percent of students in each group at each school

### HOW IS THE ACADEMIC INDEX CALCULATED?

KDE used the same process that it uses for the school's student body as a whole:

- ⇒ Each student's item-by-item responses are scored for each multiple choice and open response question.
- ⇒ Scale scores for each student in each subject come from combining all those item results and making statistical adjustments. Scale scores are on a 325 to 800 scale.
- ⇒ Performance levels for each student in each subject come from seeing how their scale scores compare to the "cut points" for each performance level. Performance levels range from Novice-Nonperformance to Distinguished.
- ⇒ Writing is an exception. For writing, the scorers compare the student's work holistically to a scoring guide and determine the student's performance level.
- ⇒ The percent of students at each performance level is calculated by adding up the number at that level and dividing by the total number of students.
- ⇒ The Index for each subject combines the percent of students at each performance level using a weighted average. The boxes at the right entitled "Combining Performance Levels" show the weight given to each performance level.
- ⇒ The overall Academic Index combines the Indexes for all subjects using another weighted formula, shown in the box entitled "Combining Subjects." For readers familiar with the formula for an Accountability Index, it may help to think of these numbers as reflecting that formula with the weights for nonacademic indicators and the norm-referenced test taken out.

COMBINING PERFORMANCE LEVELS: READING, MATHEMATICS, SCIENCE, AND SOCIAL STUDIES	
The percent of students at each performance level is multiplied by the weight below and the results are added to produce an Index on a 0-140 scale for that subject.	
Nonperformance	.00
Medium Novice	.13
High Novice	.26
Low Apprentice	.40
Medium Apprentice	.60
High Apprentice	.80
Proficient	1.00
Distinguished	1.40

COMBINING PERFORMANCE LEVELS: WRITING, ARTS & HUMANITIES, AND PRACTICAL/ VOCATIONAL	
The method above is used again, but with the simpler set of weights shown below.	
Nonperformance	.00
Novice	.13
Apprentice	.60
Proficient	1.00
Distinguished	1.40

COMBINING SUBJECTS		
The Index for each subject is multiplied by the weight shown below, and the results are added to get an overall Academic Index for the group on a 0-140 scale. The figures below are rounded to two decimal points.		
	Elementary	Middle & High
Reading	21.05%	16.67%
Science	15.79%	16.67%
On-Demand Writing	3.95%	4.17%
Writing Portfolio	11.84%	12.50%
Mathematics	21.05%	16.67%
Social Studies	15.79%	16.67%
Arts & Humanities	5.26%	8.33%
Practical/ Vocational	5.26%	8.33%

TOP 2005 RESULTS FOR FREE & REDUCED LUNCH STUDENTS

District	Elementary School	Free/ Reduced Lunch Index	Gap	Not Free/ Reduced Lunch Index	4th Grade % F/R Lunch	5th Grade % F/R Lunch
Johnson Co	Central Elementary	115.8	-0.4	116.2	52	60
Magoffin Co	Middle Fork Elementary	110.6	Too Few	Too Few	64	93
Rockcastle Co	Brodhead Elementary	107.6	-4.1	111.7	54	49
Morgan Co	Ezel Elementary	105.7	Too Few	Too Few	59	76
Daviess Co	West Louisville Elementary	103.3	-4.1	107.4	36	48
Clay Co	Big Creek Elementary	103.0	Too Few	Too Few	86	86
Daviess Co	East View Elementary	102.7	-4.5	107.2	50	47
Johnson Co	Meade Memorial Elementary	102.0	Too Few	Too Few	76	89
Clay Co	Hacker Elementary	100.6	-5.9	106.5	48	63
Daviess Co	Highland Elementary	100.5	-16.5	117	22	19

District	Middle School	Free/ Reduced Lunch Index	Gap	Not Free/ Reduced Lunch Index	7th Grade % F/R Lunch	8th Grade % F/R Lunch
Hart Co	Cub Run Elementary	90.1	Too Few	Too Few	54	59
Pike Co	Phelps High	89.9	-10.1	100	57	64
Johnson Co	Johnson Co Middle	88.6	-11.3	99.9	41	32
McLean Co	McLean Co Middle	88.1	-14.5	102.6	35	28
Pike Co	Bevins Elementary	86.9	Too Few	Too Few	81	58
Bell Co	Frakes Center	85.6	Too Few	Too Few	22	18
Daviess Co	F T Burns Middle	85.6	-11.2	96.8	84	76
Hancock Co	Hancock Co Middle	85.3	-16.0	101.3	59	52
Science Hill Ind	Science Hill Elementary	84.9	-13.3	98.2	57	62
Washington Co	North Washington Elementary	84.9	-15.4	100.3	46	48

District	High School	Free/ Reduced Lunch Index	Gap	Not Free/ Reduced Lunch Index	10th Grade % F/R Lunch	11th Grade % F/R Lunch	12th Grade % F/R Lunch
Jefferson Co	Louisville Male Traditional High	97.1	-5.9	103	16	16	8
Jefferson Co	Dupont Manual High	87.2	-16.3	103.5	6	11	10
Pike Co	Phelps High	86.9	-3.9	90.8	67	61	60
Dawson Springs Ind	Dawson Springs High	82.6	-15.3	97.9	56	25	43
Williamsburg Ind	Williamsburg City	79.1	-15.9	95.0	65	47	29
Hazard Ind	Hazard High	77.4	-21.0	98.4	37	42	35
Pineville Ind	Pineville High	76.0	-0.6	76.6	62	48	63
Jefferson Co	Butler Traditional High	75.7	-10.4	86.1	27	18	20
Erlanger-Elsmere Ind	Lloyd High	75.2	-12.0	87.2	31	25	20
Pike Co	Pike Central High	74.7	-15.3	90.0	42	39	44

TOP 2005 RESULTS FOR AFRICAN-AMERICAN STUDENTS

District	Elementary School	African-American Index	Gap	White Index	4 <sup>th</sup> Grade % African-American	5 <sup>th</sup> Grade % African-American
Jefferson Co	Schaffner Traditional Elementary	92.5	-8.7	101.2	28	32
Jefferson Co	Greathouse Shryock Traditional Elementary	92.3	-11.3	103.6	17	23
Jefferson Co	McFerran Elementary	84.6	-5.4	90.0	48	48
Mason Co	Earle D Jones Elementary	84.2	-6.9	91.1	11	8
Jefferson Co	Carter Traditional Elementary	83.8	-12.7	96.5	34	39
Jefferson Co	Audubon Traditional Elementary	82.4	-15.5	97.9	30	34
Jefferson Co	Cane Run Elementary	82.2	-8.0	90.2	39	47
Jefferson Co	Hite Elementary	81.0	-23.2	104.2	28	21
Jefferson Co	Foster Traditional Elementary Academy	80.7	-11.5	92.2	55	48
Fayette Co	Lansdowne Elementary	80.1	-8.6	88.7	21	20

District	Middle School	African-American Index	Gap	White Index	7 <sup>th</sup> Grade % African-American	8 <sup>th</sup> Grade % African-American
Daviess Co	F T Burns Middle	80.6	-13.0	93.6	4	4
Jefferson Co	Jefferson Co Traditional Middle	78.6	-10.1	88.7	30	26
Hopkins Co	James Madison Middle	78	-7.0	85.0	12	13
Bowling Green Ind	Bowling Green Middle	76.5	-20.4	96.9	26	22
Jefferson Co	Johnson Traditional Middle	76.4	-10.7	87.1	31	25
Warren Co	Drakes Creek Middle	74.1	-22.5	96.6	5	3
Jefferson Co	Barret Traditional Middle	74.1	-19.1	93.2	29	25
Jefferson Co	Brown Middle	73.8	-28.7	102.5	31	47
Hardin Co	James T Alton Middle	72.0	-5.0	77.0	15	19
Glasgow Ind	Glasgow Middle	71.9	-25.2	97.1	15	11

District	High School	African-American Index	Gap	White Index	10 <sup>th</sup> Grade % African-American	11 <sup>th</sup> Grade % African-American	12 <sup>th</sup> Grade % African-American
Jefferson Co	Louisville Male Traditional High	93.2	-11.2	104.4	24	23	23
Jefferson Co	Dupont Manual High	83.5	-22.6	106.1	18	23	19
Jefferson Co	Butler Traditional High	73.6	-13.1	86.7	21	21	16
Daviess Co	Apollo High	71.7	-10.9	82.6	5	5	5
Elizabethtown Ind	Elizabethtown High	69.1	-25.1	94.2	9	12	14
Hardin Co	Central Hardin High	68.2	-5.7	73.9	4	4	4
Mason Co	Mason Co High	67.3	-14.4	81.7	9	15	14
Hardin Co	North Hardin High	64.5	-13.1	77.6	27	25	26
Hopkins Co	Central High	64.2	-2.8	67.0	9	8	5
Jefferson Co	Central High	62.4	-5.7	68.1	80	83	88

TOP 2005 RESULTS FOR STUDENTS WITH DISABILITIES

District	Elementary School	Disabilities Index	Gap	No Disabilities Index	4 <sup>th</sup> Grade % with Disabilities	5 <sup>th</sup> Grade % with Disabilities
Daviess Co	Deer Park Elementary	103.1	-2.0	105.1	12	14
Daviess Co	East View Elementary	103.0	-2.5	105.5	17	21
Middlesboro Ind	East End Elementary	100.4	15.4	85.0	15	20
Clay Co	Manchester Elementary	97.8	13.3	84.5	20	21
Floyd Co	James A Duff Elementary	97.1	10.1	87.0	26	33
Henderson Co	East Heights Elementary	96.5	-1.4	97.9	17	20
Jefferson Co	McFerran Elementary	96.1	9.9	86.2	14	15
Oldham Co	Liberty Elementary	94.8	-9.9	104.7	13	17
Harrison Co	Northside Elementary	94.1	10.8	83.3	19	17
Pike Co	Millard Middle	92.9	-1.5	94.4	13	13

District	Middle School	Disabilities Index	Gap	No Disabilities Index	7 <sup>th</sup> Grade % with Disabilities	8 <sup>th</sup> Grade % with Disabilities
Johnson Co	Johnson Co Middle	95.1	2.9	92.2	18	16
Pike Co	Phelps High	94.1	0.0	94.1	13	13
Marshall Co	South Marshall Middle	91.4	13.0	78.4	13	13
McCracken Co	Lone Oak Middle	89.7	5.0	84.7	13	12
Daviess Co	Daviess Co Middle	85.0	-7.5	92.5	13	14
McLean Co	McLean Co Middle	84.7	-13.9	98.6	8	18
Daviess Co	F T Burns Middle	80.7	-13.2	93.9	11	8
Washington Co	North Washington Elementary	80.6	-12.6	93.2	17	35
Edmonson Co	Edmonson Co Middle	80.6	-1.6	82.2	15	23
Hopkins Co	West Hopkins Accelerated Elementary	79.0	-4.6	83.6	18	21

District	High School	Disabilities Index	Gap	No Disabilities Index	10 <sup>th</sup> Grade % with Disabilities	11 <sup>th</sup> Grade % with Disabilities	12 <sup>th</sup> Grade % with Disabilities
Fort Thomas Ind	Highlands High	73.9	-26.5	100.4	10	8	9
Elizabethtown Ind	Elizabethtown High	73.8	-20.0	93.8	12	6	10
Spencer Co	Spencer Co High	71.5	-0.1	71.6	9	7	10
Danville Ind	Danville High	67.3	-13.6	80.9	17	10	15
Ohio Co	Ohio Co High	66.6	-9.6	76.2	14	5	13
Oldham Co	North Oldham High	65.3	-34.9	100.2	16	20	11
Johnson Co	Johnson Central High	62.1	-13.6	75.7	16	12	14
McCracken Co	Lone Oak High	62.1	-26.6	88.7	9	12	9
Ballard Co	Ballard Memorial High	60.4	-13.2	73.6	10	11	13
Floyd Co	Allen Central High	60.1	-9.3	69.4	23	16	24