

2011 System Value Added Report

Knox County

TCAP Math

In 2010, the Tennessee Department of Education implemented significant changes in state testing. For the purposes of these analyses, the new testing has been equated so it can be reported on the same scale. The Growth Standard reflects these changes and is based on statewide student achievement in 2009.

Estimated System Mean NCE Gain								
Grade:	3	4	5	6	7	8	Mean NCE Gain over Grades Relative to	
							Growth Standard	State
Growth Standard:		0.0	0.0	0.0	0.0	0.0		
State 3-Yr-Avg:		1.0	-0.9	1.6	1.3	-0.3		
2009 Mean NCE Gain:		1.5 G*	1.2 G*	-0.5 R*	-0.0 Y	0.5 G*	0.5	-0.0
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
2010 Mean NCE Gain:		0.1 G	-1.3 R*	-0.8 R*	-2.9 R*	-3.7 R*	-1.7	-2.2
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
2011 Mean NCE Gain:		4.9 G*	4.6 G*	4.3 G*	1.9 G*	2.6 G*	3.6	3.1
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
3-Yr-Avg NCE Gain:		2.2 G*	1.5 G*	1.0 G*	-0.3 R*	-0.2 R*	0.8	0.3
Std Error:		0.1	0.1	0.1	0.1	0.1	0.0	0.0
Estimated System Mean NCE Scores								
Grade:	3	4	5	6	7	8		
State Base Year (2009):	50.0	50.0	50.0	50.0	50.0	50.0		
State 3-Yr-Avg:	47.9	48.9	47.1	47.6	48.4	47.5		
2008 Mean:	49.5	51.3	54.0	52.4	51.7	52.5		
2009 Mean:	50.5	51.0	52.5	53.5	52.3	52.2		
2010 Mean:	49.6	50.6	49.8	51.8	50.6	48.6		
2011 Mean:	50.4	54.5	55.2	54.1	53.6	53.2		

G* - Estimated mean NCE gain is above the growth standard by at least 1 standard error.

G - Estimated mean NCE gain is equal to or greater than growth standard but by less than 1 standard error.

Y - Estimated mean NCE gain is below the growth standard by 1 standard error or less.

R - Estimated mean NCE gain is more than 1 standard error below the growth standard but by 2 standard errors or less.

R* - Estimated mean NCE gain is below the growth standard by more than 2 standard errors.

2011 System Value Added Report

Knox County

TCAP Reading/Language

In 2010, the Tennessee Department of Education implemented significant changes in state testing. For the purposes of these analyses, the new testing has been equated so it can be reported on the same scale. The Growth Standard reflects these changes and is based on statewide student achievement in 2009.

Estimated System Mean NCE Gain								
Grade:	3	4	5	6	7	8	Mean NCE Gain over Grades Relative to	
Growth Standard:		0.0	0.0	0.0	0.0	0.0	Growth Standard	State
State 3-Yr-Avg:		-0.2	-0.6	-0.4	-1.5	-0.4		
2009 Mean NCE Gain:		2.9 G*	1.0 G*	1.3 G*	0.6 G*	-0.2 R	1.1	1.7
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
2010 Mean NCE Gain:		0.1 G	-1.4 R*	-1.0 R*	-4.0 R*	-2.7 R*	-1.8	-1.2
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
2011 Mean NCE Gain:		0.9 G*	1.8 G*	0.7 G*	-1.7 R*	2.7 G*	0.9	1.5
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
3-Yr-Avg NCE Gain:		1.3 G*	0.5 G*	0.3 G*	-1.7 R*	-0.1 Y	0.1	0.7
Std Error:		0.1	0.1	0.1	0.1	0.1	0.0	0.0
Estimated System Mean NCE Scores								
Grade:	3	4	5	6	7	8		
State Base Year (2009):	50.0	50.0	50.0	50.0	50.0	50.0		
State 3-Yr-Avg:	48.4	48.0	47.1	46.2	45.4	46.2		
2008 Mean:	50.2	52.3	52.6	52.5	52.8	54.2		
2009 Mean:	52.0	53.0	53.4	53.8	53.1	52.6		
2010 Mean:	52.6	52.1	51.7	52.3	49.8	50.3		
2011 Mean:	52.1	53.4	53.9	52.4	50.6	52.5		

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G - Estimated mean NCE gain is equal to or greater than growth standard but by less than 1 standard error.

Y - Estimated mean NCE gain is below the growth standard by 1 standard error or less.

R - Estimated mean NCE gain is more than 1 standard error below the growth standard but by 2 standard errors or less.

R* - Estimated mean NCE gain is below the growth standard by more than 2 standard errors.

2011 System Value Added Report

Knox County

TCAP Science

In 2010, the Tennessee Department of Education implemented significant changes in state testing. For the purposes of these analyses, the new testing has been equated so it can be reported on the same scale. The Growth Standard reflects these changes and is based on statewide student achievement in 2009.

Estimated System Mean NCE Gain								
Grade:	3	4	5	6	7	8	Mean NCE Gain over Grades Relative to	
							Growth Standard	State
Growth Standard:		0.0	0.0	0.0	0.0	0.0		
State 3-Yr-Avg:		-0.9	-0.4	-0.9	-1.8	-2.4		
2009 Mean NCE Gain:		1.6 G*	1.3 G*	3.2 G*	1.0 G*	-0.5 R*	1.4	2.6
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
2010 Mean NCE Gain:		0.5 G*	-1.8 R*	0.3 G*	-4.5 R*	-7.7 R*	-2.6	-1.4
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
2011 Mean NCE Gain:		-0.3 R	0.7 G*	4.6 G*	-1.8 R*	0.8 G*	0.8	2.1
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
3-Yr-Avg NCE Gain:		0.6 G*	0.1 G	2.7 G*	-1.8 R*	-2.4 R*	-0.2	1.1
Std Error:		0.1	0.1	0.1	0.1	0.1	0.0	0.0
Estimated System Mean NCE Scores								
Grade:	3	4	5	6	7	8		
State Base Year (2009):	50.0	50.0	50.0	50.0	50.0	50.0		
State 3-Yr-Avg:	49.8	48.3	47.7	46.6	45.5	44.2		
2008 Mean:	48.4	49.6	49.7	51.0	51.4	51.8		
2009 Mean:	50.7	50.1	50.9	52.9	52.1	51.0		
2010 Mean:	52.0	51.2	48.2	51.2	48.4	44.4		
2011 Mean:	52.9	51.6	51.9	52.9	49.4	49.2		

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G - Estimated mean NCE gain is equal to or greater than growth standard but by less than 1 standard error.

Y - Estimated mean NCE gain is below the growth standard by 1 standard error or less.

R - Estimated mean NCE gain is more than 1 standard error below the growth standard but by 2 standard errors or less.

R* - Estimated mean NCE gain is below the growth standard by more than 2 standard errors.

2011 System Value Added Report

Knox County

TCAP Social Studies

In 2010, the Tennessee Department of Education implemented significant changes in state testing. For the purposes of these analyses, the new testing has been equated so it can be reported on the same scale. The Growth Standard reflects these changes and is based on statewide student achievement in 2009.

Estimated System Mean NCE Gain								
Grade:	3	4	5	6	7	8	Mean NCE Gain over Grades Relative to	
Growth Standard:		0.0	0.0	0.0	0.0	0.0	Growth Standard	State
State 3-Yr-Avg:		-0.3	0.8	0.5	0.5	0.5		
2009 Mean NCE Gain:		2.2 G*	-0.1 Y	4.4 G*	0.3 G*	-0.9 R*	1.2	0.8
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
2010 Mean NCE Gain:		1.0 G*	0.5 G*	4.6 G*	1.7 G*	1.5 G*	1.9	1.4
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
2011 Mean NCE Gain:		-1.1 R*	1.9 G*	5.1 G*	0.9 G*	-0.0 Y	1.4	1.0
Std Error:		0.2	0.2	0.2	0.2	0.2	0.1	0.1
3-Yr-Avg NCE Gain:		0.7 G*	0.8 G*	4.7 G*	1.0 G*	0.2 G*	1.5	1.1
Std Error:		0.1	0.1	0.1	0.1	0.1	0.0	0.0
Estimated System Mean NCE Scores								
Grade:	3	4	5	6	7	8		
State Base Year (2009):	50.0	50.0	50.0	50.0	50.0	50.0		
State 3-Yr-Avg:	50.8	49.2	49.4	48.6	48.8	49.0		
2008 Mean:	48.8	50.2	49.2	52.6	51.9	52.4		
2009 Mean:	52.2	50.9	50.1	53.6	52.8	51.0		
2010 Mean:	54.3	53.2	51.4	54.7	55.3	54.3		
2011 Mean:	55.0	53.2	55.2	56.5	55.6	55.3		


	G* - Estimated mean NCE gain is above the growth standard by at least 1 standard error.
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	Y - Estimated mean NCE gain is below the growth standard by 1 standard error or less.
	R - Estimated mean NCE gain is more than 1 standard error below the growth standard but by 2 standard errors or less.
	R* - Estimated mean NCE gain is below the growth standard by more than 2 standard errors.


2011 System Value Added Report


Knox County

EOC/AYP Algebra I

Subject	Year	N	Mean Student Score	Mean Score %-ile	Mean Pred Score	Pred Score %-ile	System Effect	Effect Std Err	Effect %-ile	System vs State Avg
Algebra I	2010	5181	707.5	51	704.8	49	3.2	1.1	56	Above
	2011	4857	706.1	44	709.1	46	-2.4	1.1	34	Below

 Progress is significantly above the average system in the state.

 Progress is not detectably different from the average system in the state.


 Progress is significantly below the average system in the state.


2011 System Value Added Report


Knox County

EOC/AYP Biology I

Subject	Year	N	Mean Student Score	Mean Score %-ile	Mean Pred Score	Pred Score %-ile	System Effect	Effect Std Err	Effect %-ile	System vs State Avg
Biology I	2010	2936	709.7	52	704.4	47	5.3	0.9	83	Above
	2011	4147	704.2	47	699.9	42	4.2	0.9	79	Above

 Progress is significantly above the average system in the state.

 Progress is not detectably different from the average system in the state.

 Progress is significantly below the average system in the state.

2011 System Value Added Report

Knox County

EOC/AYP English II

Subject	Year	N	Mean Student Score	Mean Score %-ile	Mean Pred Score	Pred Score %-ile	System Effect	Effect Std Err	Effect %-ile	System vs State Avg
English II	2010	3796	710.9	54	707.9	50	3.0	0.6	83	Above
	2011	3882	709.9	53	705.0	48	4.9	0.6	96	Above

Progress is significantly above the average system in the state.

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2011 System Value Added Report


Knox County

End of Course English I

Subject	Year	N	Mean Student Score	Mean Score %-ile	Mean Pred Score	Pred Score %-ile	System Effect	Effect Std Err	Effect %-ile	System vs State Avg
English I	2010	4025	708.7	51	706.5	48	2.2	0.6	72	Above
	2011	3941	710.7	49	711.3	49	-0.6	0.6	44	NDD

 Progress is significantly above the average system in the state.

 Progress is not detectably different from the average system in the state.


 Progress is significantly below the average system in the state.


2011 System Value Added Report


Knox County

End of Course US History

Subject	Year	N	Mean Student Score	Mean Score %-ile	Mean Pred Score	Pred Score %-ile	System Effect	Effect Std Err	Effect %-ile	System vs State Avg
US History	2009	3335	540.0	68	525.0	51	14.9	0.7	97	Above
	2010	3589	542.3	68	532.0	53	10.3	0.6	97	Above
	2011	3560	546.5	71	534.7	56	11.8	0.7	98	Above
	3-Yr-Avg	10484	543.0	69	530.7	52	12.3	0.4	98	Above

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2011 System Value Added Report


Knox County

Writing Assessment

Subject	Grade	Year	N	Mean Student Score	Mean Pred Score	System Effect	Effect Quintile	System vs State Avg
Writing Assessment	11	2009	3458	4.22	4.14	0.08	4	Above
		2010	3565	4.31	4.23	0.08	4	Above
		2011	3523	4.39	4.28	0.11	5	Above
		3-Yr-Avg	10546	4.31	4.21	0.09	4	Above

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2011 System Value Added

Knox County

ACT Math

Subject	Year	N	Mean Student Score	Mean Pred Score	System Effect	Effect Quintile	System vs State Avg
Math	2009	2254	20.82	19.93	0.88	5	Above
	2010	2984	19.68	18.79	0.89	5	Above
	2011	3049	19.72	18.98	0.73	5	Above
	3-Yr-Avg	8287	20.01	19.17	0.83	5	Above

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	Progress is not detectably different from the average system in the state.
	Progress is significantly below the average system in the state.

2011 System Value Added

Knox County

ACT English

Subject	Year	N	Mean Student Score	Mean Pred Score	System Effect	Effect Quintile	System vs State Avg
English	2009	2253	21.95	21.05	0.88	5	Above
	2010	2984	20.37	19.25	1.11	5	Above
	2011	3049	20.50	19.62	0.88	5	Above
	3-Yr-Avg	8286	20.85	19.88	0.96	5	Above

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	Progress is significantly below the average system in the state.

2011 System Value Added

Knox County

ACT Reading

Subject	Year	N	Mean Student Score	Mean Pred Score	System Effect	Effect Quintile	System vs State Avg
Reading	2009	2254	22.14	21.29	0.82	5	Above
	2010	2984	20.93	19.72	1.19	5	Above
	2011	3049	20.72	19.89	0.82	5	Above
	3-Yr-Avg	8287	21.18	20.21	0.94	5	Above

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	Progress is significantly below the average system in the state.

2011 System Value Added

Knox County

ACT Science Reasoning

Subject	Year	N	Mean Student Score	Mean Pred Score	System Effect	Effect Quintile	System vs State Avg
Science Reasoning	2009	2254	21.44	20.54	0.88	5	Above
	2010	2984	20.31	19.37	0.92	5	Above
	2011	3049	20.24	19.49	0.74	5	Above
	3-Yr-Avg	8287	20.59	19.73	0.85	5	Above

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	Progress is not detectably different from the average system in the state.
	Progress is significantly below the average system in the state.

2011 System Value Added

Knox County

ACT Composite

Subject	Year	N	Mean Student Score	Mean Pred Score	System Effect	Effect Quintile	System vs State Avg
Composite	2009	2253	21.71	20.82	0.89	5	Above
	2010	2984	20.45	19.40	1.03	5	Above
	2011	3049	20.42	19.62	0.79	5	Above
	3-Yr-Avg	8286	20.78	19.87	0.90	5	Above

	Progress is significantly above the average system in the state.
	Progress is not detectably different from the average system in the state.
	Progress is significantly below the average system in the state.