

A 22-YEAR REVIEW: IMPROVEMENT IN INDIANA'S PUBLIC SCHOOLS

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A TWENTY-TWO YEAR REVIEW: IMPROVEMENT IN INDIANA'S SCHOOLS

Victor A. Smith, Ed.D. June 13, 2012

SUMMARY: To many Hoosiers, the message still comes as a surprise: Indiana's public schools clearly improved during the past 22 years. The data are available from the Indiana Department of Education, the College Board, the National Assessment of Educational Progress, Postsecondary Opportunity and ACT, Inc. Performance on ten indicators from 1988-89 through 2010-11 formed the basis for this positive conclusion:

1. ATTENDANCE RATE

*Hoosier public schools have successfully raised daily attendance in 16 of the past 22 years. The latest 2010-11 rate of **95.9%** is near the highest level of **96.1%** reached in 2008-09.

2. GRADUATION RATE

*A new cohort method shows **85.7% graduated in four years or less in the Class of 2011**, up from 84.1%, 81.5%, 77.8%, 76.4%, and 76.1% in the last five graduating classes.

*The **dropout rate was 6.1% for the Class of 2011**, improving from 6.4%, 8.7%, 10.3%, 11.9% and 11.2% in five previous years of the new system which tracks every student.

3. SAT VERBAL SCORES

*Verbal scores rose from 490 in '88-'89 to an historic high of 504 in 2004-05.

*Since then, a revised SAT shows Reading and Writing scores separately.

Reading has fallen to **493 in 2010-11**, down from 498 in 2005-06. Writing has fallen to **475 in 2010-11**, down from 486 in 2005-06.

*These scores came while **Indiana tested 68% of all graduates, approximately 20% more than the nation** as a whole, thus giving more marginal students a chance at college.

4. SAT MATH SCORES

*Math scores on the old SAT went up from 487 in '88-'89 to 508 in 2004-05, another top performance in state history.

*In the six years of the revised SAT, Indiana scored 509, 507, 508, 507, 503 and **501**, dropping 8 points from the peak performance level of 509 in 2005-06 on a more difficult test.

5. ACT COMPOSITE SCORES

*Indiana's composite score on the ACT remained at **22.3 in 2010-11**, the highest mark in state history. Indiana ACT scores have exceeded national averages in all 22 years of the study.

6. NATIONAL ASSESSMENT (NAEP) SCORES

*On National Assessment of Educational Progress (NAEP) basic scores, **Indiana outperformed the nation on all 41 NAEP assessments since 1990.**

*On the NAEP proficient standard, Indiana outperformed the nation on 31 of 41 tests.

7. ISTEP ENGLISH/LANGUAGE ARTS SCORES

*In 61 valid year-to-year comparisons over 13 years and 8 grades, **30 (49%) went up, 17 (28%) went down, and 14 (23%) were stable.** More went up than down by a clear margin.

8. ISTEP MATH SCORES

*In 61 valid year-to-year comparisons, **38 (62%) went up, 12 (20%) remained stable, and 11 (18%) went down**, showing a clear trend of improvement.

9. PERCENT OF HIGH SCHOOL GRADUATES GOING TO COLLEGE

*The percent of graduates aspiring to college went up 20 of the 21 years to reach **77.0% in 2009-10, the highest level in state history.** IDOE no longer has this percent on its website.

10. STUDENTS EARNING ACADEMIC HONORS OR CORE 40 DIPLOMAS

*For all 22 years of the study, more students every year earned either the 47-credit Academic Honors Diploma or the Core 40 diploma, reaching a **record total of 80.0% in 2010**

CONCLUSION: Improvement is clear. The data show that public schools in Indiana have improved more than is widely believed.

TABLE 1: INDIANA PUBLIC SCHOOL AVERAGE DAILY ATTENDANCE

Base Year:	1988-89	94.65%	
1990's Year 1:	1989-90	94.94%	UP
1990's Year 2:	1990-91	95.14%	UP
1990's Year 3:	1991-92	95.27%	UP
1990's Year 4:	1992-93	95.30%	UP
1990's Year 5:	1993-94	95.31%	UP
1990's Year 6:	1994-95	95.28%	DOWN
1990's Year 7:	1995-96	95.39%	UP
1990's Year 8:	1996-97	95.50%	UP
1990's Year 9:	1997-98	95.57%	UP
1990's Year 10:	1998-99	95.63%	UP
2000's Year 1:	1999-00	95.79%	UP
2000's Year 2:	2000-01	95.75%	DOWN
2000's Year 3:	2001-02	95.85%	UP
2000's Year 4:	2002-03	95.70%	DOWN
2000's Year 5:	2003-04	95.87%	UP
2000's Year 6:	2004-05	95.83%	DOWN
2000's Year 7:	2005-06	95.87%	UP
2000's Year 8:	2006-07	95.77%	DOWN
2000's Year 9:	2007-08	95.85%	UP
2000's Year 10:	2008-09	96.1%	UP
2010's Year 1:	2009-10	95.8%*	DOWN
2010's Year 2:	2010-11	95.9%	UP

*IDOE originally reported 2009-10 as 95.9%

Data Source: Indiana Department of Education

**TABLE 2: INDIANA PUBLIC HIGH SCHOOL GRADUATION RATES:
FOUR METHODS**

<u>YEAR</u>	<u>GRADUATES</u>	<u>8TH GRADE</u>		<u>9TH GRADE</u>		<u>COHORT SURVIVAL METHOD</u>	<u>4-YEARS OR LESS METHOD</u>
		<u>5 YEARS EARLIER</u>	<u>N</u>	<u>%</u>	<u>4 YEARS EARLIER</u>		
<i>Class of '89</i>	68,284	79,906	85.46%	83,450	81.83%	75.74	
<i>Class of '90</i>	64,957	75,450	86.09% UP	79,443	81.77% DN	78.10	UP
<i>Class of '91</i>	63,389	71,728	88.37% UP	77,413	81.88% UP	81.11	UP
<i>Class of '92</i>	61,474	70,066	87.74% DN	74,178	82.87% UP	82.46	UP
<i>Class of '93</i>	62,395	71,819	86.88% DN	76,279	81.80% DN	83.44	UP
<i>Class of '94</i>	59,876	70,088	85.43% DN	76,311	78.46% DN	82.60	DN
<i>Class of '95</i>	60,986	73,122	83.40% DN	79,581	76.63% DN	82.64	UP
<i>Class of '96</i>	59,094	73,716	80.16% NEW	80,114	73.76% NEW	86.43	NEW
<i>Class of '97</i>	57,463	75,353	76.26% DN	81,254	70.72% DN	88.19	UP
<i>Class of '98</i>	58,899	78,028	75.48% DN	83,068	70.90% UP	88.41	UP
<i>Class of '99</i>	58,896	77,714	75.79% UP	83,332	70.68% DN	89.76	UP
--GQE REQUIREMENT TAKES EFFECT FOR THE CLASS OF 2000--							
<i>Class of '00</i>	56,999	78,209	72.88% NEW	83,506	68.26% NEW	89.58*	NEW
<i>Class of '01</i>	56,156	76,519	73.39% UP	82,753	67.86% DN	90.40	UP
<i>Class of '02</i>	55,033	75,575	72.82% DN	82,509	66.70% DN	91.05	UP
<i>Class of '03</i>	56,221	74,679	75.28% UP	80,955	69.45% UP	91.12	UP
<i>Class of '04</i>	55,979	74,492	75.15% DN	79,871	70.09% UP	89.79	DN
<i>Class of '05</i>	55,409	73,845	75.03% DN	78,878	70.25% UP	89.89	UP
<i>Class of '06</i>	58,647	76,951	76.21% UP	81,859	71.64% UP		76.1 NEW
<i>Class of '07</i>	59,887	79,199	75.62% DN	84,654	70.74% DN		76.4 UP
<i>Class of '08</i>	61,868	81,441	75.97% UP	88,752	69.71% DN		77.8 UP
<i>Class of '09</i>	61,863	83,734	73.88% DN	91,390	67.69% DN		81.5 UP
<i>Class of '10</i>	62,464	84,147	74.23% UP	86,754	72.00% UP		84.1 UP
<i>Class of '11</i>	64,265	82,050	78.32% UP	84,931	75.67% UP		85.7 UP

Data Source: Indiana Department of Education

* IDOE revised the 1999-00 figure since June, 2001, when it was reported as 89.47.

IDOE revises figures when local districts submit corrected data from past years.

TABLE 4: INDIANA SAT MATH SCORES

		Indiana Math		Nat'l Math	Test Takers as % of H.S. Graduates	
					IN	Nat'l
Base Year:	1988-89	487		502	57%	40%
1990's Year 1:	1989-90	486	DOWN	501	56%	40%
1990's Year 2:	1990-91	485	DOWN	500	58%	42%
1990's Year 3:	1991-92	487	UP	501	59%	42%
1990's Year 4:	1992-93	487	STABLE	503	60%	42%
1990's Year 5:	1993-94	493	UP	504	60%	42%
1990's Year 6:	1994-95	494	UP	506	58%	41%
1990's Year 7:	1995-96	494	STABLE	508	57%	41%
1990's Year 8:	1996-97	497	UP	511	57%	42%
1990's Year 9:	1997-98	500	UP	512	59%	43%
1990's Year 10:	1998-99	498	DOWN	511	60%	43%
2000's Year 1:	1999-00	501	UP	514	60%	44%
2000's Year 2:	2000-01	501	STABLE	514	60%	45%
2000's Year 3:	2001-02	503	UP	516	62%	46%
2000's Year 4:	2002-03	504	UP	519	63%	48%
2000's Year 5:	2003-04	506	UP	518	64%	48%
2000's Year 6:	2004-05	508	UP	520	66%	49%
2000's Year 7:	2005-06	509	NEW	518	na	na
2000's Year 8:	2006-07	507	DOWN	514	62%	48%
2000's Year 9:	2007-08	508	UP	514	62%	45%
2000's Year 10:	2008-09	507	DOWN	514	63%	46%
2010's Year 1:	2009-10	503	DOWN	515	63%	48%
2010's Year 2:	2010-11	501	DOWN	514	63%	na

Data Source: The College Board, Midwestern Regional Office

TABLE 5: INDIANA ACT COMPOSITE SCORES

		Indiana		Nat'l	Test Takers as % of H.S. Graduates	
					IN	Nat'l
1990's Year 1:	1989-90	21.0		20.6	n/a	n/a
1990's Year 2:	1990-91	20.9	DOWN	20.6	n/a	n/a
1990's Year 3:	1991-92	21.0	UP	20.6	n/a	n/a
1990's Year 4:	1992-93	21.0	STABLE	20.7	n/a	n/a
1990's Year 5:	1993-94	21.2	UP	20.8	21%	36%
1990's Year 6:	1994-95	21.2	STABLE	20.8	22%	37%
1990's Year 7:	1995-96	21.3	UP	20.9	19%	35%
1990's Year 8:	1996-97	21.2	DOWN	21.0	19%	36%
1990's Year 9:	1997-98	21.4	UP	21.0	20%	37%
1990's Year 10:	1998-99	21.2	DOWN	21.0	19%	36%
2000's Year 1:	1999-00	21.4	UP	21.0	20%	38%
2000's Year 2:	2000-01	21.4	STABLE	21.0	20%	38%
2000's Year 3:	2001-02	21.5	UP	20.8	19%	39%
2000's Year 4:	2002-03	21.6	UP	20.8	21%	40%
2000's Year 5:	2003-04	21.6	STABLE	20.9	20%	40%
2000's Year 6:	2004-05	21.7	UP	20.9	21%	40%
2000's Year 7:	2005-06	21.7	STABLE	21.1	20%	40%
2000's Year 8:	2006-07	22.0	UP	21.2	21%	42%
2000's Year 9:	2007-08	22.0	STABLE	21.1	22%	43%
2000's Year 10:	2008-09	22.2	UP	21.1	24%	45%
2010's Year 1:	2009-10	22.3	UP	21.0	26%	47%
2010's Year 2:	2010-11	22.3	STABLE	21.1	29%	49%

Data Source: ACT, Inc., Indiana ACT Profile, 2011 and www.act.org

TABLE 6: INDIANA NAEP SCORES: AT/ABOVE BASIC AND PROFICIENT

		% AT OR ABOVE BASIC			% AT OR ABOVE PROFICIENT		
		INDIANA	US	IN:US Gap	INDIANA	US	IN:US Gap
Mathematics	Gr.4 1992	60%	57%	+3	16%	17%	-1
	Gr.4 1996	72%	61%	+11	24%	19%	+5
	Gr.4 2000	77%	64%	+13	30%	22%	+8
	Gr.4 2003	82%	76%	+6	35%	31%	+4
	Gr.4 2005	84%	79%	+5	38%	35%	+3
	Gr.4 2007	89%	81%	+8	46%	39%	+7
	Gr.4 2009	87%	81%	+6	42%	38%	+4
	Gr.4 2011	87%	82%	+5	44%	40%	+4
	Gr.8 1990	56%	51%	+5	17%	15%	+2
	Gr.8 1992	60%	56%	+4	20%	20%	even
	Gr.8 1996	68%	59%	+9	24%	22%	+2
	Gr.8 2000	74%	62%	+12	29%	25%	+4
	Gr.8 2003	74%	67%	+7	31%	27%	+4
	Gr.8 2005	74%	68%	+6	30%	28%	+2
	Gr.8 2007	76%	70%	+6	35%	31%	+4
	Gr.8 2009	78%	71%	+7	36%	33%	+3
Gr.8 2011	77%	72%	+5	34%	34%	even	
Reading	Gr.4 1992	68%	60%	+8	30%	27%	+3
	Gr.4 1994	66%	59%	+7	33%	28%	+5
	Gr.4 2002	68%	62%	+6	33%	30%	+3
	Gr.4 2003	66%	62%	+4	33%	30%	+3
	Gr.4 2005	64%	62%	+2	30%	30%	even
	Gr.4 2007	68%	66%	+2	33%	32%	+1
	Gr.4 2009	70%	66%	+4	34%	32%	+2
	Gr.4 2011	68%	66%	+2	33%	32%	+1
	Gr.8 2002	77%	74%	+3	32%	31%	+1
	Gr.8 2003	77%	72%	+5	33%	30%	+3
	Gr.8 2005	73%	71%	+2	28%	29%	-1
	Gr.8 2007	76%	73%	+3	31%	29%	+2
	Gr.8 2009	79%	74%	+5	32%	30%	+2
	Gr.8 2011	78%	75%	+3	32%	32%	even
Science	Gr.4 2000	74%	61%	+13	32%	26%	+6
	Gr.4 2005	70%	66%	+4	27%	27%	even
	Gr.8 1996	65%	58%	+7	30%	27%	+3
	Gr.8 2000	66%	57%	+9	35%	29%	+6
	Gr.8 2005	62%	57%	+5	33%	27%	+6
	Gr.8 2009	67%	62%	+5	32%	29%	+3
	Gr.8 2011	67%	64%	+3	33%	31%	+2

		% AT OR ABOVE BASIC			% AT OR ABOVE PROFICIENT		
		INDIANA	US	IN:US Gap	INDIANA	US	IN:US Gap
<i>Writing</i>	Gr.4 2002	88%	85%	+3	26%	27%	-1
	Gr.8 2002	85%	84%	+1	26%	30%	-4
	Gr.8 2007	89%	87%	+2	30%	31%	-1

Data Source: nces.ed.gov/nationsreportcard/states/profile

TABLE 7: ISTEP ENG/LANG ARTS CRITERION-REFERENCED TEST
Percent passing the standard for each grade

Base Year: 1988-89 Spring Testing (March)
1990's Years 1-7: 1989-90 through 1995-96 Spring Testing (March)

FALL TESTING BEGINS

1990's Year 8: 1996-97 Test not equated for annual comparisons and disaggregated data not available until '97-'98

GR 3 ENGLISH/LANGUAGE ARTS	All Students/ %		Spec.Ed. & / %		General Ed. / %	
			Accommodations		No Accommodations	
1990's Year 9: 1997-98	68,783	68%	1450	46%	67,333	69% NEW
1990's Year 10: 1998-99	73,278	68%	4207	30%	69,071	70% UP
2000's Year 1: 1999-00	75,150	68%	6558	35%	68,592	71% UP
2000's Year 2: 2000-01	76,243	63%	8940	27%	67,303	68% DOWN
2000's Year 3: 2001-02	75,922	66%	10,083	33%	65,839	71% UP
2000's Year 4: 2002-03	74,945	72%	10,422	38%	64,523	78% NEW
2000's Year 5: 2003-04	75,893	74%	12,104	43%	63,789	80% UP
2000's Year 6: 2004-05	76,864	75%	12,056	47%	64,808	81% UP
2000's Year 7: 2005-06	76,341	76%	12,477	47%	63,864	80% DOWN
2000's Year 8: 2006-07	77,203	74%	12,715	48%	64,488	79% DOWN
2000's Year 9: 2007-08	78,004	75%	12,896	49%	65,108	81% UP
2000's Year 10: 2008-09 fall	79,223	74%	12,505	49%	66,718	79% DOWN
2000's Year 10: 2008-09 spr	79,519	74%	12,926	48%	66,593	79% NEW
2010's Year 1: 2009-10 spr	81,201	79%	11,862	54%	69,339	83% UP
2010's Year 2: 2010-11 spr	77,107	82%	10,853	58%	66,254	85% NEW*
GR 4 ENGLISH/LANGUAGE ARTS						
2000's Year 6: 2004-05	76,828	73%	12,125	40%	64,703	79% NEW
2000's Year 7: 2005-06	77,869	73%	12,772	43%	65,097	79% SAME
2000's Year 8: 2006-07	77,431	75%	12,930	45%	64,501	81% UP
2000's Year 9: 2007-08	77,552	74%	12,847	44%	64,705	80% DOWN
2000's Year 10: 2008-09 fall	78,094	73%	12,756	44%	65,338	79% DOWN
2000's Year 10: 2008-09 spr	78,319	73%	12,771	42%	65,548	79% NEW
2010's Year 1: 2009-10 spr	78,870	77%	11,437	50%	67,433	82% UP
2010's Year 2: 2010-11 spr	79,925	80%	10,433	54%	69,492	84% NEW*
GR 5 ENGLISH/LANGUAGE ARTS						
2000's Year 6: 2004-05	77,001	72%	11,805	34%	65,196	79% NEW
2000's Year 7: 2005-06	77,682	73%	12,197	36%	65,485	80% UP
2000's Year 8: 2006-07	78,899	75%	12,520	39%	66,379	81% UP
2000's Year 9: 2007-08	77,693	75%	12,319	40%	65,374	81% SAME
2000's Year 10: 2008-09 fall	77,826	74%	12,044	40%	65,782	81% SAME
2000's Year 10: 2008-09 spr	77,987	70%	11,945	36%	66,042	77% NEW
2010's Year 1: 2009-10 spr	77,575	71%	10,924	37%	66,651	77% SAME
2010's Year 2: 2010-11 spr	77,587	73%	9,805	42%	67,782	78% NEW*
GR 6 ENGLISH/LANGUAGE ARTS						
1990's Year 9: 1997-98	63,786	62%	1273	26%	62,513	63% NEW
1990's Year 10: 1998-99	67,859	59%	4179	15%	63,680	62% DOWN
2000's Year 1: 1999-00	72,251	56%	6668	12%	65,583	60% DOWN
2000's Year 2: 2000-01	77,170	52%	9648	10%	67,522	57% DOWN
2000's Year 3: 2001-02	79,047	52%	10,314	11%	68,733	58% UP
2000's Year 4: 2002-03	80,407	69%	11,060	24%	69,347	76% NEW
2000's Year 5: 2003-04	79,851	69%	12,107	27%	67,744	77% UP
2000's Year 6: 2004-05	79,542	70%	11,726	29%	67,816	77% SAME
2000's Year 7: 2005-06	78,314	71%	11,759	30%	66,555	78% UP
2000's Year 8: 2006-07	79,137	71%	11,796	30%	67,341	78% SAME

2000's Year 9: 2007-08	79,421	72%	11,651	32%	67,770	78%	SAME
2000's Year 10: 2008-09 fall	78,179	71%	11,451	33%	66,728	78%	SAME
2000's Year 10: 2008-09 spr	78,259	69%	11,519	30%	66,740	76%	NEW
2010's Year 1: 2009-10 spr	77,865	72%	10,458	34%	67,407	78%	UP
2010's Year 2: 2010-11 spr	76,863	74%	9,534	37%	67,329	79%	NEW*

GR 7 ENGLISH/LANGUAGE ARTS

2000's Year 6: 2004-05	80,905	68%	11,614	24%	69,291	76%	NEW
2000's Year 7: 2005-06	80,863	68%	11,900	23%	68,963	76%	SAME
2000's Year 8: 2006-07	79,983	68%	11,727	24%	68,256	75%	DOWN
2000's Year 9: 2007-08	80,226	70%	11,513	27%	68,713	77%	UP
2000's Year 10: 2008-09 fall	80,310	69%	11,178	26%	69,132	76%	DOWN
2000's Year 10: 2008-09 spr	80,266	67%	11,325	26%	68,941	74%	NEW
2010's Year 1: 2009-10 spr	78,382	72%	10,511	31%	67,871	78%	UP
2010's Year 2: 2010-11 spr	77,322	75%	9,435	36%	67,887	81%	NEW*

GR 8 ENGLISH/LANGUAGE ARTS

1990's Year 9: 1997-98	64,711	75%	1487	32%	63,224	76%	NEW
1990's Year 10: 1998-99	69,319	70%	4758	21%	64,561	74% **	NEW
2000's Year 1: 1999-00	70,540	69%	6595	20%	63,945	74%	SAME
2000's Year 2: 2000-01	71,889	68%	8739	18%	63,150	75%	UP
2000's Year 3: 2001-02	75,285	68%	9704	18%	65,581	76%	UP
2000's Year 4: 2002-03	77,713	64%	10,726	17%	66,987	71%	NEW
2000's Year 5: 2003-04	79,894	65%	11,626	21%	68,268	72%	UP
2000's Year 6: 2004-05	81,084	67%	11,387	23%	69,697	75%	UP
2000's Year 7: 2005-06	80,514	68%	11,676	23%	68,838	76%	UP
2000's Year 8: 2006-07	80,843	67%	11,726	24%	69,217	75%	DOWN
2000's Year 9: 2007-08	79,762	69%	11,385	26%	68,377	76%	UP
2000's Year 10: 2008-09 fall	79,855	68%	11,163	23%	68,692	75%	DOWN
2000's Year 10: 2008-09 spr	79,643	65%	11,301	21%	68,342	72%	NEW
2010's Year 1: 2009-10 spr	79,308	69%	10,179	26%	69,129	75%	UP
2010's Year 2: 2010-11 spr	77,013	70%	9,461	29%	67,552	76%	NEW*

** Gr. 8 standard was raised

GR 9 ENGLISH/LANGUAGE ARTS

2000's Year 6: 2004-05	80,997	67%	10,497	18%	70,500	74%	NEW
2000's Year 7: 2005-06	82,598	67%	10,914	20%	71,684	74%	SAME
2000's Year 8: 2006-07	82,051	67%	11,405	20%	70,646	75%	UP
2000's Year 9: 2007-08	81,584	66%	11,093	20%	70,491	73%	DOWN

GR 10 ENGLISH/LANGUAGE ARTS

1990's Year 9: 1997-98	68,676	73%	5252	21%	63,424	77%	NEW
1990's Year 10: 1998-99	70,445	72%	6420	21%	64,025	78%	UP
2000's Year 1: 1999-00	70,429	70%	7070	20%	63,359	75%	DOWN
2000's Year 2: 2000-01	71,041	69%	7783	19%	63,258	75%	SAME
2000's Year 3: 2001-02	71,145	68%	7980	19%	63,165	74%	DOWN
2000's Year 4: 2002-03	70,973	68%	8580	21%	62,393	75%	UP
2000's Year 5: 2003-04	75,118	69%	10,018	23%	65,100	76%	UP
2000's Year 6: 2004-05	76,531	68%	9,675	21%	66,856	75%	NEW
2000's Year 7: 2005-06	78,781	68%	10,144	22%	68,637	75%	SAME
2000's Year 8: 2006-07	80,772	66%	10,550	21%	70,222	73%	DOWN
2000's Year 9: 2007-08	78,582	67%	10,487	21%	68,095	74%	UP
2000's Year 10: 2008-09 fall	79,565	67%	11,184	23%	68,381	74%	SAME
2010's Year 1: 2009-10 ECA	75,576	63%	na	(English 10)	na		NEW
2010's Year 2: 2010-11 ECA	84,448	72%	na		na		UP

SUMMARY OF 61 YEAR-TO-YEAR COMPARISONS: 30 UP (49%); 14 STABLE (23%); 17 DOWN (28%)

*Undetermined scores were removed from the analysis for the first time in 2010-11, preventing fair comparisons.

Data Source: Indiana Department of Education, Office of Assessment

TABLE 8: ISTEP MATH SCORES: CRITERION-REFERENCED TESTS

Percent passing the standard for each grade

Base Year: 1988-89 Spring Testing (March)
1990's Years 1-7: 1989-90 through 1995-96 Spring Testing (March)

FALL TESTING BEGINS

1990's Year 8: 1996-97 Test not equated for annual comparisons and disaggregated data not available until '97-'98

	All Students/ %	Spec.Ed. & / % Accommodations	General Ed./ % No Accommodations	
GRADE 3 MATH				
1990's Year 9: 1997-98	68,754 70%	1450 53%	67,304 71%	NEW
1990's Year 10: 1998-99	73,278 70%	4187 39%	69,091 72%	UP
2000's Year 1: 1999-00	75,150 73%	6549 45%	68,601 75%	UP
2000's Year 2: 2000-01	76,243 70%	8937 39%	67,306 74%	DOWN
2000's Year 3: 2001-02	75,922 70%	10,040 42%	65,882 74%	SAME
2000's Year 4: 2002-03	74,945 67%	10,404 41%	64,541 71%	NEW
2000's Year 5: 2003-04	75,893 71%	12,081 46%	63,812 76%	UP
2000's Year 6: 2004-05	76,864 73%	12,056 49%	64,808 77%	UP
2000's Year 7: 2005-06	76,341 73%	12,477 51%	63,864 78%	UP
2000's Year 8: 2006-07	77,203 72%	12,715 51%	64,488 76%	DOWN
2000's Year 9: 2007-08	78,004 70%	12,896 49%	65,108 74%	DOWN
2000's Year 10: 2008-09 fall	79,223 70%	12,505 49%	66,718 73%	DOWN
2000's Year 10: 2008-09 spr	79,519 72%	12,926 53%	66,593 76%	NEW
2010's Year 1: 2009-10 spr	81,201 75%	11,862 58%	69,339 79%	UP
2010's Year 2: 2010-11 spr	77,107 77%	10,853 61%	66,254 80%	NEW*
GRADE 4 MATH				
2000's Year 6: 2004-05	76,828 73%	12,125 48%	64,703 78%	NEW
2000's Year 7: 2005-06	77,869 75%	12,772 52%	65,097 79%	UP
2000's Year 8: 2006-07	77,431 75%	12,930 52%	64,501 79%	SAME
2000's Year 9: 2007-08	77,552 75%	12,847 54%	64,705 79%	SAME
2000's Year 10: 2008-09 fall	78,094 73%	12,756 52%	65,338 77%	DOWN
2000's Year 10: 2008-09 spr	78,319 70%	12,771 48%	65,548 74%	NEW
2010's Year 1: 2009-10 spr	78,870 75%	11,437 55%	67,433 79%	UP
2010's Year 2: 2010-11 spr	79,925 77%	10,433 60%	69,492 80%	NEW*
GRADE 5 MATH				
2000's Year 6: 2004-05	77,001 72%	11,805 42%	65,196 78%	NEW
2000's Year 7: 2005-06	77,652 76%	12,197 47%	65,455 81%	UP
2000's Year 8: 2006-07	78,899 76%	12,520 50%	66,379 81%	SAME
2000's Year 9: 2007-08	77,693 77%	12,319 53%	65,374 81%	SAME
2000's Year 10: 2008-09 fall	77,826 77%	12,044 53%	65,782 81%	SAME
2000's Year 10: 2008-09 spr	77,987 76%	11,945 50%	66,042 81%	NEW
2010's Year 1: 2009-10 spr	77,575 80%	10,924 56%	66,651 84%	UP
2010's Year 2: 2010-11 spr	77,587 84%	9,805 63%	67,782 87%	NEW*
GRADE 6 MATH				
1990's Year 9: 1997-98	63,966 60%	1305 28%	62,681 61%	NEW
1990's Year 10: 1998-99	67,859 59%	4173 20%	63,686 62%	UP
2000's Year 1: 1999-00	72,251 61%	6683 20%	65,593 65%	UP
2000's Year 2: 2000-01	77,170 62%	9635 21%	67,535 68%	UP
2000's Year 3: 2001-02	79,047 61%	10,300 23%	68,747 66%	DOWN
2000's Year 4: 2002-03	80,907 67%	11,054 29%	69,353 73%	NEW
2000's Year 5: 2003-04	79,851 72%	12,108 36%	67,743 79%	UP
2000's Year 6: 2004-05	79,542 75%	11,726 41%	67,816 80%	UP
2000's Year 7: 2005-06	78,314 78%	11,759 44%	66,555 84%	UP
2000's Year 8: 2006-07	79,137 80%	11,796 46%	67,341 86%	UP

2000's Year 9: 2007-08	79,421 80%	11,651 48%	67,770 86%	SAME
2000's Year 10: 2008-09 fall	78,179 79%	11,451 47%	66,728 85%	DOWN
2000's Year 10: 2008-09 spr	78,259 73%	11,519 42%	66,740 78%	NEW
2010's Year 1: 2009-10 spr	77,865 77%	10,458 47%	67,407 81%	UP
2010's Year 2: 2010-11 spr	77,000 79%	9,553 50%	67,447 83%	NEW*

GRADE 7 MATH

2000's Year 6: 2004-05	80,905 73%	11,614 35%	69,291 79%	NEW
2000's Year 7: 2005-06	80,863 76%	11,900 39%	68,963 82%	UP
2000's Year 8: 2006-07	79,983 77%	11,727 42%	68,256 84%	UP
2000's Year 9: 2007-08	80,226 79%	11,513 43%	68,713 85%	UP
2000's Year 10: 2008-09 fall	80,310 81%	11,178 46%	69,132 86%	UP
2000's Year 10: 2008-09 spr	80,266 68%	11,325 32%	68,941 74%	NEW
2010's Year 1: 2009-10 spr	78,382 73%	10,511 39%	67,871 78%	UP
2010's Year 2: 2010-11 spr	77,520 73%	9,477 42%	68,043 77%	NEW*

GRADE 8 MATH

1990's Year 9: 1997-98	64,825 67%	1516 27%	63,309 68%	NEW
1990's Year 10: 1998-99	69,319 63%	4760 19%	64,559 66% **	NEW
2000's Year 1: 1999-00	70,540 63%	6583 21%	63,957 67%	UP
2000's Year 2: 2000-01	71,889 64%	8731 20%	63,158 70%	UP
2000's Year 3: 2001-02	75,285 66%	9696 22%	65,589 73%	UP
2000's Year 4: 2002-03	77,713 66%	10,713 23%	67,000 73%	NEW
2000's Year 5: 2003-04	79,894 71%	11,619 29%	68,275 78%	UP
2000's Year 6: 2004-05	81,084 71%	11,387 31%	69,697 78%	SAME
2000's Year 7: 2005-06	80,514 72%	11,676 31%	68,838 78%	SAME
2000's Year 8: 2006-07	80,943 71%	11,726 32%	69,217 77%	DOWN
2000's Year 9: 2007-08	79,762 74%	11,385 36%	68,377 80%	UP
2000's Year 10: 2008-09 fall	79,855 74%	11,163 35%	68,692 81%	UP
2000's Year 10: 2008-09 spr	79,643 67%	11,301 30%	68,342 73%	NEW
2010's Year 1: 2009-10 spr	79,308 72%	10,179 39%	69,129 77%	UP
2010's Year 2: 2010-11 spr	77,013 75%	9,461 42%	67,552 80%	NEW*

** Gr. 8 standard was raised

GRADE 9 MATH

2000's Year 6: 2004-05	80,997 68%	10,497 28%	70,500 74%	NEW
2000's Year 7: 2005-06	82,598 70%	10,914 32%	71,684 76%	UP
2000's Year 8: 2006-07	82,051 67%	11,405 28%	70,646 73%	DOWN
2000's Year 9: 2007-08	81,584 70%	11,093 31%	70,491 76%	UP

GRADE 10 MATH

1990's Year 9: 1997-98	68,807 61%	5246 17%	63,561 64%	NEW
1990's Year 10: 1998-99	70,360 59%	6355 18%	64,005 64%	SAME
2000's Year 1: 1999-00	70,429 63%	7066 21%	63,363 68%	UP
2000's Year 2: 2000-01	71,041 67%	7783 24%	63,258 72%	UP
2000's Year 3: 2001-02	71,145 65%	7957 24%	63,188 70%	DOWN
2000's Year 4: 2002-03	70,973 68%	8557 27%	62,416 73%	UP
2000's Year 5: 2003-04	75,118 67%	10,025 28%	65,093 73%	SAME
2000's Year 6: 2004-05	76,531 64%	9,675 23%	66,856 70%	NEW
2000's Year 7: 2005-06	78,781 64%	10,144 25%	68,637 70%	SAME
2000's Year 8: 2006-07	80,772 65%	10,550 25%	70,222 71%	UP
2000's Year 9: 2007-08	78,582 66%	10,487 26%	68,095 72%	UP
2000's Year 10: 2008-09 fall	79,565 65%	11,184 27%	68,381 71%	DOWN
2010's Year 1: 2009-10 ECA	78,390 61%	na (Algebra 1)	na	NEW
2010's Year 2: 2010-11 ECA	88,481 72%	na	na	UP

SUMMARY OF 61 COMPARISONS: 38 UP (62%); 12 STABLE (20%); 11 DOWN (18%)

*Undetermined scores were removed from the analysis for the first time in 2010-11, preventing fair comparisons.

Data Source: Indiana Department of Education, Office of Assessment

**TABLE 9: PERCENT OF PUBLIC HIGH SCHOOL GRADUATES
GOING TO COLLEGE**

Percent of students aspiring to and enrolling in 2-year or 4-year college programs

	<u>12th Grade Survey</u>		<u>Enrolled in College</u>	
	IDOE		INDIANA	NATION
Base Year:	1988-89	48.93%*		
1990's Year 1:	1989-90	51.46%* UP		
1990's Year 2:	1990-91	51.54%* UP		
1990's Year 3:	1991-92	53.46%* UP	50.5%	54.3%
1990's Year 4:	1992-93	54.37%* UP		
1990's Year 5:	1993-94	55.42%* UP	55.0%	57.1%
1990's Year 6:	1994-95	55.28%* DOWN		
1990's Year 7:	1995-96	61.15% NEW	57.9%	58.5%
1990's Year 8:	1996-97	62.52% UP		
1990's Year 9:	1997-98	63.89% UP	60.5%	57.3%
1990's Year 10:	1998-99	64.87% UP		
2000's Year 1:	1999-00	66.10%* UP	60.0%	56.7%
2000's Year 2:	2000-01	67.68% UP		
2000's Year 3:	2001-02	69.13% UP	62.4%	56.6%
2000's Year 4:	2002-03	70.48% UP		
2000's Year 5:	2003-04	71.06% UP	59.1%	55.7%
2000's Year 6:	2004-05	74.20% UP		
2000's Year 7:	2005-06	74.9%** UP	63.4%	61.6%
2000's Year 8:	2006-07	75.2%** UP		
2000's Year 9:	2007-08	76.1%** UP		
2000's Year 10:	2008-09	76.9%** UP		
2010's Year 1:	2009-10	77.0%** UP		
2010's Year 2:	2010-11	n/a		

Data Sources: Gr. 12: Indiana Department of Education

***Enrolled at 19: Postsecondary Education Opportunity, See: www.postsecondary.org

*Revised by Indiana Department of Education since Report #2 in 2001.

**Figures carried out to hundreds no longer available.

****No longer reported on the IDOE website after a website revision.

TABLE 10: ACADEMIC HONORS AND CORE 40 DIPLOMAS AS PERCENTAGES OF ALL PUBLIC HIGH SCHOOL GRADUATES

		% Receiving Academic		% Receiving Core 40		
			Honors Diplomas	Diplomas	% Total **	
Base Year:	1988-89		3.66%			
1990's Year 1:	1989-90		5.12%			UP
1990's Year 2:	1990-91		7.17%			UP
1990's Year 3:	1991-92		8.57%			UP
1990's Year 4:	1992-93		9.44%			UP
1990's Year 5:	1993-94		11.00%			UP
1990's Year 6:	1994-95		12.14%			UP
1990's Year 7:	1995-96		13.82%			UP
1990's Year 8:	1996-97		15.33%			UP
1990's Year 9:	1997-98		19.08%*	23.69%*	42.77%*	UP
1990's Year 10:	1998-99		20.91%*	27.70%*	48.61%*	UP
2000's Year 1:	1999-00		23.53%*	31.08%	54.61%	UP
2000's Year 2:	2000-01		25.54%	31.99%	57.53%	UP
2000's Year 3:	2001-02		26.65%	33.88%	60.53%	UP
2000's Year 4:	2002-03		28.32%	34.79%	63.11%	UP
2000's Year 5:	2003-04		29.08%	36.13%	65.21%	UP
2000's Year 6:	2004-05		30.64%	36.88%	67.52%	UP
2000's Year 7:	2005-06		30.17%	37.87%	68.04%	UP
2000's Year 8:	2006-07		30.63%	40.16%	70.79%	UP
2000's Year 9:	2007-08		30.70%	41.59%	72.29%	UP
2000's Year 10:	2008-09		30.9%	43.0%	73.9%	UP
2010's Year 1:	2009-10		28.46%	47.47%	75.93%	UP
2010's Year 2:	2010-11		30.4%	49.6%	80.0%	UP

Data Source: Indiana Department of Education
Div. of Educational Information Systems

*IDOE revised these figures according to state totals on the IDOE website, May, 2009.

**IDOE included students who earned both special diplomas in the Academic Honors count; thus adding the two columns shows the percentage receiving at least one special diploma.

SUMMARY OF TEN IMPROVEMENT INDICATORS

	<u>21-YEAR RANGE</u>	<u>CURRENT MARK</u>	<u>AT OR NEAR HISTORIC HIGH?</u>
1. ATTENDANCE RATE	94.7 – 96.1	95.9	YES
2. GRADUATION RATE (new method since 2006)	76.1 – 85.7	85.7	YES
3. SAT VERBAL SCORES (1988-89 – 2004-05)	485 - 504		
SAT CRITICAL READING (revised test 2005-06 – 2010-11)	493 – 498	493	NO
SAT WRITING (revised test 2005-06 – 2010-11)	475 – 486	475	NO
4. SAT MATH SCORES (1988-89 – 2004-05)	485- 508		
SAT MATH –REVISED (revised test 2005-06 – 2010-11)	501 – 509	501	NO
5. ACT COMPOSITE SCORES	20.9 – 22.3	22.3	YES
6. NATIONAL ASSESSMENT (NAEP) (percent passing basic standard)			YES
4 TH GRADE MATH	60% - 89%	87%	YES
8 TH GRADE MATH	56% - 78%	77%	YES
4 TH GRADE READING	64% - 70%	68%	YES
8 TH GRADE READING	73% - 79%	78%	YES
4 TH GRADE SCIENCE	70% - 74%	70%	NO
8 TH GRADE SCIENCE	62% - 67%	67%	YES
8 TH GRADE WRITING	85% - 89%	89%	YES
7. ISTEP ENGLISH/LANGUAGE ARTS SCORES (61 year-to-year comparisons)	30 (49%) went up 17 (28%) went down 14 (23%) same	ECA went up (ISTEP+ could not be compared)	YES
8. ISTEP MATH SCORES (61 year-to-year comparisons)	38 (62%) went up 11 (18%) went down 12 (20%) same	ECA went up (ISTEP+ could not be compared)	YES
9. ASPIRING TO COLLEGE	48.9% - 77.0%	77.0%	YES
10. HONORS/CORE 40 DIPLOMAS	42.8% - 80.0%	80.0%	YES

CONCLUSION: EIGHT OF THE TEN INDICATORS ARE AT OR NEAR THEIR HISTORIC HIGH.