



April 30, 2009

MEMORANDUM

To: Members of the Board of Education
From: Daniel A. Nerad, Superintendent
Subject: **WKCE Data**

The following information is attached

- Executive Summary
- WKCE Proficiency Performance by Grade and Year
- 2009 WKCE Madison vs. Wisconsin
- Example agenda for a data workshop provided for Principals and IRTs

Executive Summary

Wisconsin Knowledge and Concepts (WKCE) Test

Introduction

The 2008-09 school year marked the fourth consecutive year in which testing in grades 3 through 8 and 10 was conducted in fulfillment of the federal No Child Left Behind law. The Wisconsin Knowledge and Concepts Exams (WKCE) is a criterion-referenced test (CRT) where a student's performance is compared to a specific set of learning standard outcomes. The WKCE-CRT includes testing in all seven grade levels reading and math and in grades 4, 8 and 10 additional testing in language arts, science and social studies. Just under 12,400 MMSD students participated in this year's WKCE-CRT.

Under NCLB, schools are required to test 95% of their full academic year (FAY) students in reading and math. Madison's test participation rates exceeded 95% in all grade levels. Grades 3 through 8 achieved 99% test participation or higher while the District's 10th graders reached 98% in test participation.

In general, performance was relatively unchanged in the two academic areas tested across the seven grade levels. In reading, across the seven grades tested four grade levels had an increase in the percentage of students scoring at the proficient or higher performance categories compared with the previous year while three grades showed a decline in the percentage. In math, three grades increased proficient or higher performance, three grades declined, and one remained the same.

WKCE Reading and Math Performance by Grade Level *Percentage of Scoring Proficient or Higher – All Students Tested*

Subject	Year	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 10
Reading	2008-09	71%	75%	73%	77%	81%	81%	69%
	2007-08	72%	74%	78%	81%	80%	80%	68%
	2006-07	75%	76%	79%	82%	79%	81%	66%
	2005-06	77%	77%	79%	78%	81%	82%	73%
Math	2008-09	71%	75%	72%	70%	74%	74%	64%
	2007-08	70%	72%	73%	73%	74%	71%	65%
	2006-07	72%	74%	71%	74%	75%	75%	69%
	2005-06	72%	70%	71%	69%	72%	72%	69%

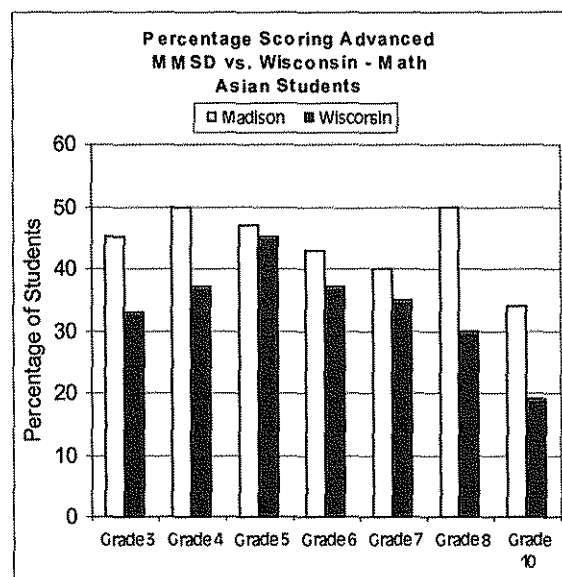
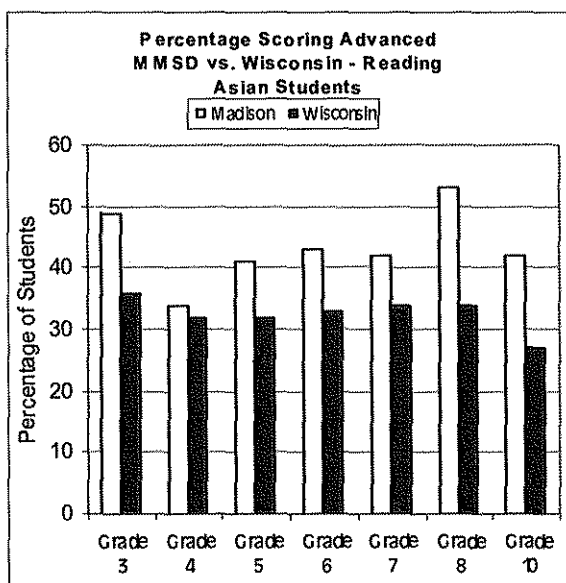
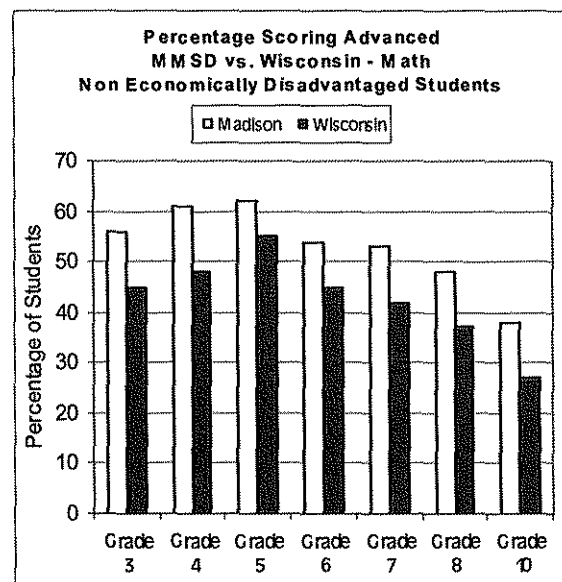
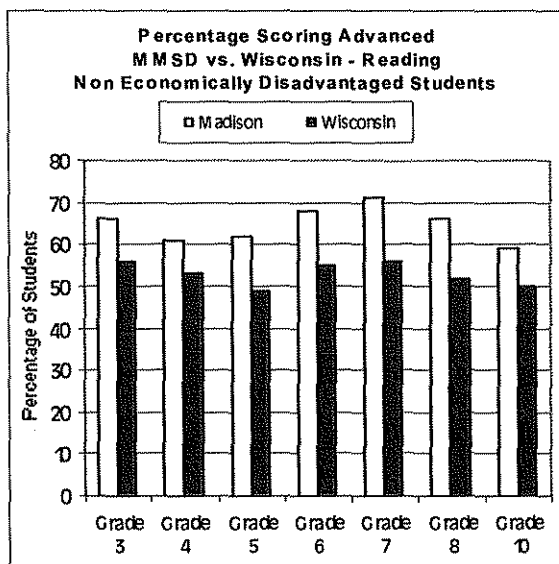
KEY ->	Decline	No Change	Improve
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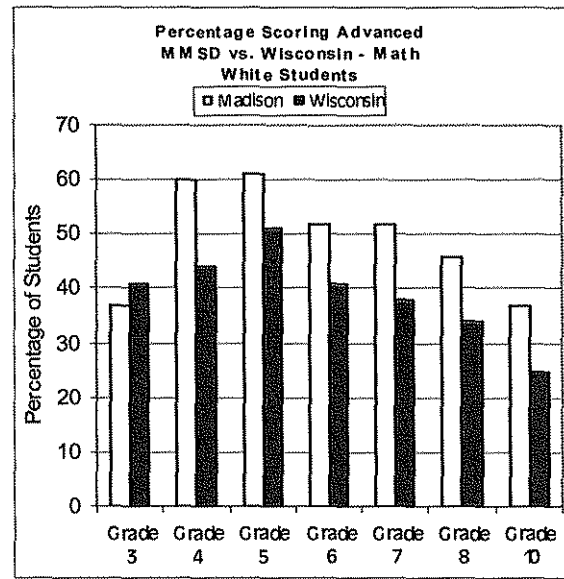
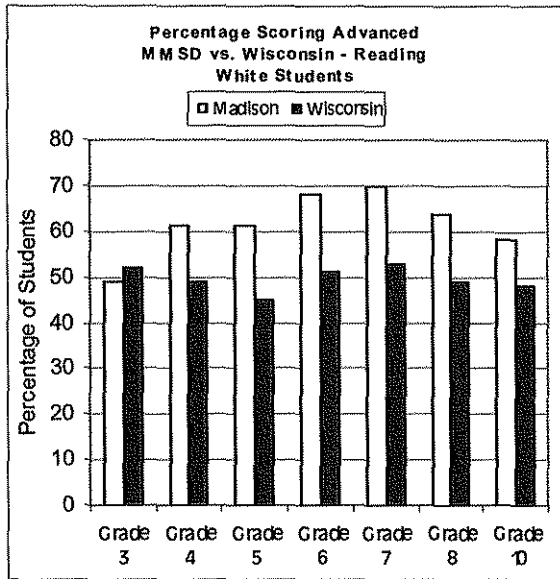
The changing demographics of the district affect the overall aggregate achievement data. As the district has experienced a greater proportion of students from subgroups which are at a disadvantage in testing, e.g., non-native English speakers, or English language learners (ELLs), the overall district averages have correspondingly declined. Other subgroups which traditionally perform well on student achievement tests, i.e., non-low income students and white students, continue to perform very high relative to statewide peer groups. Therefore, it is important disaggregate the data to interpret and understand the district results.

Unlike the previous years when MMSD students had a higher percentage of students perform at the highest proficiency level - Advanced – when compared with their statewide peers, in 2008-09 this occurred in just over half of the grade levels tested in reading and math. In general, students scoring at

the highest performance level are students who are not low income, who are Asian, or who are white. As these student subgroups become a smaller proportion of the total MMSD student population it is predictable that the overall percentage of students scoring in the Advanced category would decline.

What is also clear from the data is that despite the change in the proportion of these subgroups within the total MMSD student population there has been no decrease in the percentage scoring at the Advanced level. This percentage point difference ranges from 8 to 15 points across all grade levels in reading when comparing non-low income students in the MMSD with their statewide peers, and between 7 and 13 points in math. For Asian students this differential between MMSD students and their statewide peers is between 2 and 19 percentage points in reading, and between 2 and 20 percent in math across all grades tested. For the white subgroup MMSD averages over 14 percentage points more students scoring Advanced in reading performance compared to their statewide peers, and over 12 percentage points more students scoring Advanced in math across all tested grades.





Similarly, and very interestingly, a consistently higher percentage of MMSD students score at the lowest proficiency level - Minimal - than do students across the state. This is evidence of the higher degree of economic and ethnic/racial diversity in MMSD compared with other Wisconsin school districts. In other words, MMSD is a more “bi-modal” distribution of student achievement performance than the state as a whole. This reinforces the array of learning needs within the MMSD, and is descriptive of the instructional challenges within our classrooms and schools.

Reading by Student Subgroup

In general, across the tested grades levels the reading performance of white students relative to the percentage of the subgroup scoring at the proficient or higher performance categories is much higher when compared with their peers across the state, and somewhat higher among the Asian and non-low income subgroups. Reading performance for MMSD special education students is about equivalent to their statewide peers. For English Language Learners (ELLs), Hispanic, African American, and low income students, MMSD performance lags behind their statewide peer groups.

Math by Student Subgroup

MMSD white students had a significantly larger percentage scoring in the proficient or higher performance categories on the math test when compared to their peers across the state. MMSD Asian and non-low income subgroups were somewhat higher in their proficient or better performance compared with the state. MMSD African American students scored very similar to the same students across the state on the math test. Among the special education, non-ELL, ELL, and Hispanic student subgroups MMSD students scored somewhat lower on the math tests when compared to the same subgroups across the state. As a whole, low income students in MMSD score significantly lower than their statewide peers on the math test.

Achievement Gap

A key goal of the MMSD is to eliminate the achievement gap between economically disadvantaged students and those who are not economically disadvantaged. The gap in the percentage of students scoring proficient and advanced across these two socio-economic groups increased in three of the seven

grades tested in mathematics between 2007-08 and 2008-09, it decreased in two other grades, and remained the same in two grade levels. In reading this gap increased in five of the seven grades tested, and decreased in the other two grade levels.

In general, the reading gap has remained unchanged over the past four years. Some progress has been made in reducing the gap in math during that time. Most improvements in closing the gap have been at grade 10. A particularly concerning increase in gaps occurred this year in Grade 3 reading. Much remains to be accomplished in terms of achieving this goal.

Achievement Gap Between Low Income and Non-Low Income Students
Difference in Percentage of Subgroups Scoring Proficient or Higher

Subject	Year	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 10
Reading	2008-09	41%	36%	36%	38%	32%	31%	35%
	2007-08	37%	38%	35%	30%	30%	30%	43%
	2006-07	33%	34%	35%	28%	33%	30%	48%
	2005-06	35%	35%	34%	34%	30%	33%	44%
Math	2008-09	40%	33%	36%	44%	36%	38%	44%
	2007-08	37%	35%	38%	37%	36%	38%	43%
	2006-07	33%	39%	39%	32%	34%	32%	45%
	2005-06	41%	40%	46%	40%	41%	36%	51%

KEY ->

Decline	No Change	Improve
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**Wisconsin Knowledge and Concepts Exam (WKCE) Proficiency Performance
Students in District Full Academic Year (FAY)
Grade 3**

CURRENT AND PREVIOUS YEAR PERFORMANCE DETAIL

KEY ->

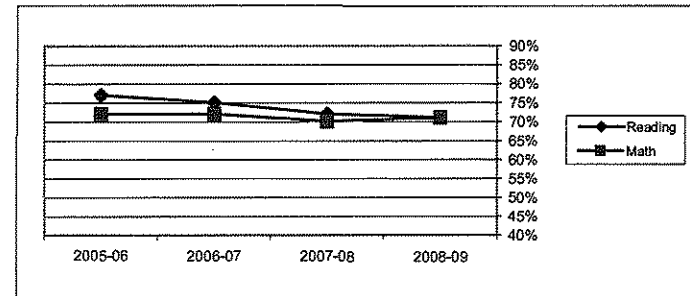
Decline	No Change	Improve
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2008-09	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Minimal	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1654	0%	1%		10%	17%	28%	43%	71%
Mathematics	1654	0%	1%		19%	9%	34%	37%	71%

2007-08	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Minimal	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1620	0%	2%	0%	9%	16%	30%	42%	72%
Mathematics	1620	0%	1%	0%	19%	9%	32%	38%	70%

HISTORICAL TRENDS

	Prof + Adv Performance	
	Reading	Math
2008-09	71%	71%
2007-08	72%	70%
2006-07	75%	72%
2005-06	77%	72%
6 Year Change	NA	NA
3 Year Change	-6%	-1%



**GAP ANALYSIS
INCOME**

	Proficient + Advanced Performance							
	Reading				Mathematics			
	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year
2008-09	49%	90%	41%	4%	49%	89%	40%	3%
2007-08	51%	88%	37%	4%	49%	86%	37%	4%
2006-07	57%	90%	33%	-2%	57%	90%	33%	-8%
2005-06	56%	91%	35%		47%	88%	41%	
6 Year Change	N/A	N/A	N/A		N/A	N/A	N/A	
3 Year Change	-7%	-1%	6%		2%	1%	-1%	

**GAP ANALYSIS
ELL**

	Proficient + Advanced Performance							
	Reading				Mathematics			
	ELL	Non-ELL	Gap	Gap Change from Prior Year	ELL	Non-ELL	Gap	Gap Change from Prior Year
2008-09	51%	76%	25%	-4%	57%	74%	17%	-2%
2007-08	49%	78%	29%	5%	55%	74%	19%	2%
2006-07	55%	79%	24%	-9%	57%	74%	17%	-15%
2005-06	49%	82%	33%		45%	77%	32%	
6 Year Change	N/A	N/A	N/A		N/A	N/A	N/A	
3 Year Change	2%	-6%	-8%		12%	-3%	-15%	

**Wisconsin Knowledge and Concepts Exam (WKCE) Proficiency Performance
Students in District Full Academic Year (FAY)
Grade 4**

CURRENT AND PREVIOUS YEAR PERFORMANCE DETAIL

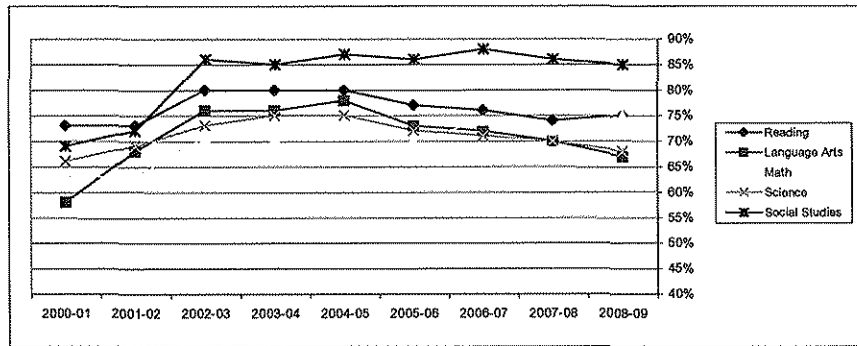
KEY -> Decline No Change Improve

2008-09	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Minimal	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1597	0%	1%		8%	16%	35%	40%	75%
Language	1597	0%	1%		12%	19%	34%	33%	67%
Mathematics	1597	0%	1%		16%	9%	34%	41%	75%
Science	1597	0%	1%		8%	23%	42%	26%	68%
Social Studies	1597	0%	1%		4%	9%	26%	59%	85%

2007-08	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Minimal	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1599	0%	2%	0%	9%	15%	34%	40%	74%
Language	1599	0%	2%	0%	10%	18%	35%	35%	70%
Mathematics	1599	0%	1%	0%	17%	10%	34%	38%	72%
Science	1599	0%	2%	0%	8%	21%	47%	23%	70%
Social Studies	1599	0%	2%	0%	5%	8%	25%	61%	86%

HISTORICAL TRENDS

	Proficient + Advanced Performance				
	Reading	Language Arts	Math	Science	Social Studies
2008-09	75%	67%	76%	68%	85%
2007-08	74%	70%	72%	70%	88%
2006-07	76%	72%	74%	71%	88%
2005-06	77%	73%	70%	72%	86%
2004-05	80%	78%	72%	75%	87%
2003-04	80%	76%	71%	75%	85%
2002-03	80%	76%	71%	73%	86%
2001-02	73%	68%	63%	69%	72%
2000-01	73%	58%	63%	66%	69%
6 Year Change	-5%	-9%	4%	-5%	-1%
3 Year Change	-2%	-6%	5%	-4%	-1%



GAP ANALYSIS INCOME

	Proficient + Advanced Performance							
	Reading				Mathematics			
	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year
2008-09	55%	91%	36%	-2%	57%	90%	33%	-2%
2007-08	53%	91%	38%	4%	52%	87%	35%	-4%
2006-07	56%	90%	34%	-1%	51%	90%	39%	-1%
2005-06	56%	91%	35%	3%	47%	87%	40%	4%
2004-05	58%	90%	32%	9%	47%	83%	36%	7%
2003-04	64%	87%	23%	-8%	50%	78%	28%	-11%
2002-03	60%	91%	31%	-2%	45%	85%	40%	1%
2001-02	51%	84%	33%	-5%	43%	82%	39%	-2%
2000-01	47%	85%	38%		40%	81%	41%	
6 Year Change	-5%	0%	5%		12%	5%	-7%	
3 Year Change	-1%	0%	-1%		10%	3%	-7%	

GAP ANALYSIS ELL

	Proficient + Advanced Performance							
	Reading				Mathematics			
	ELL	Non-ELL	Gap	Gap Change from Prior Year	ELL	Non-ELL	Gap	Gap Change from Prior Year
2008-09	53%	80%	27%	2%	60%	79%	19%	2%
2007-08	53%	78%	25%	-7%	58%	75%	17%	-8%
2006-07	50%	82%	32%	-3%	53%	78%	25%	-2%
2005-06	48%	83%	35%	4%	48%	75%	27%	-6%
2004-05	53%	84%	31%	7%	43%	76%	33%	9%
2003-04	60%	84%	24%	-3%	50%	74%	24%	-5%
2002-03	57%	84%	27%	-19%	47%	76%	29%	-4%
2001-02*	33%	79%	46%		35%	68%	33%	
2000-01								
6 Year Change	-4%	-4%	0%		13%	3%	-10%	
3 Year Change	5%	-3%	-8%		12%	4%	-8%	

* Test conducted in February of 2002. Calculations are different than subsequent years.

**Wisconsin Knowledge and Concepts Exam (WKCE) Proficiency Performance
Students in District Full Academic Year (FAY)
Grade 5**

CURRENT AND PREVIOUS YEAR PERFORMANCE DETAIL

KEY ->

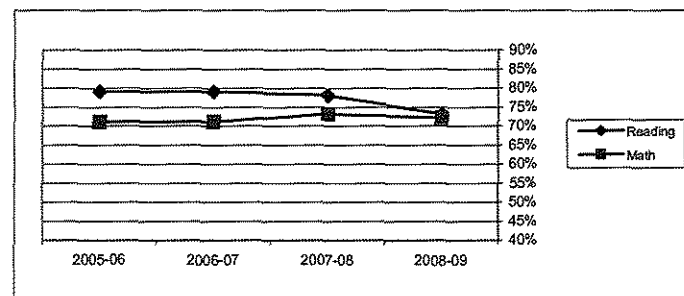
Decline	No Change	Improve
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2008-09	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Minimal	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1559	0%	2%		9%	16%	33%	40%	73%
Mathematics	1559	0%	2%		17%	10%	30%	42%	72%

2007-08	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Minimal	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1586	0%	1%	0%	7%	13%	32%	46%	78%
Mathematics	1586	0%	1%	0%	18%	9%	29%	44%	73%

HISTORICAL TRENDS

	Prof + Adv Performance	
	Reading	Math
2008-09	73%	72%
2007-08	78%	73%
2006-07	79%	71%
2005-06	79%	71%
6 Year Change	NA	NA
3 Year Change	-6%	1%



GAP ANALYSIS INCOME

	Proficient + Advanced Performance							
	Reading				Mathematics			
	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year
2008-09	53%	89%	36%	1%	52%	88%	36%	-2%
2007-08	57%	92%	35%	0%	49%	87%	38%	-1%
2006-07	57%	92%	35%	1%	47%	86%	39%	-7%
2005-06	59%	93%	34%		43%	89%	46%	
6 Year Change	N/A	N/A	N/A		N/A	N/A	N/A	
3 Year Change	-6%	-4%	2%		9%	-1%	-10%	

GAP ANALYSIS ELL

	Proficient + Advanced Performance							
	Reading				Mathematics			
	ELL	Non-ELL	Gap	Gap Change from Prior Year	ELL	Non-ELL	Gap	Gap Change from Prior Year
2008-09	48%	78%	30%	2%	56%	74%	18%	-10%
2007-08	55%	83%	28%	-2%	49%	77%	28%	5%
2006-07	54%	84%	30%	-3%	52%	75%	23%	-15%
2005-06	52%	85%	33%		39%	77%	38%	
6 Year Change	N/A	N/A	N/A		N/A	N/A	N/A	
3 Year Change	-4%	-7%	-3%		17%	-3%	-20%	

**Wisconsin Knowledge and Concepts Exam (WKCE) Proficiency Performance
Students in District Full Academic Year (FAY)
Grade 6**

CURRENT AND PREVIOUS YEAR PERFORMANCE DETAIL

KEY ->

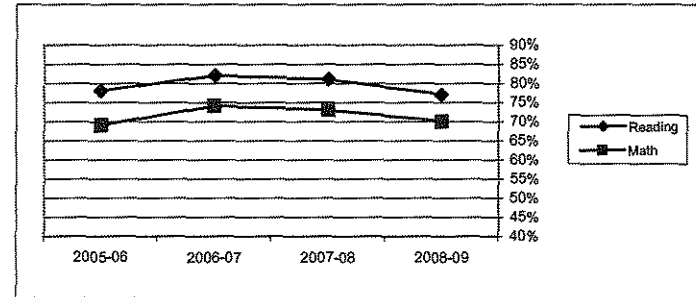
Decline	No Change	Improve
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2008-09	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Minimal	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1547	0%	1%		9%	13%	31%	46%	77%
Mathematics	1547	0%	1%		18%	11%	34%	36%	70%

2007-08	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Minimal	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1558	0%	1%	0%	7%	11%	35%	46%	81%
Mathematics	1558	0%	1%	0%	15%	11%	30%	43%	73%

HISTORICAL TRENDS

	Prof + Adv Performance	
	Reading	Math
2008-09	77%	70%
2007-08	81%	73%
2006-07	82%	74%
2005-06	78%	69%
6 Year Change	NA	NA
3 Year Change	-1%	1%



**GAP ANALYSIS
INCOME**

	Proficient + Advanced Performance							
	Reading				Mathematics			
	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year
2008-09	55%	93%	38%	8%	45%	89%	44%	7%
2007-08	62%	92%	30%	2%	51%	88%	37%	5%
2006-07	65%	93%	28%	-6%	54%	86%	32%	-8%
2005-06	59%	93%	34%		46%	86%	40%	
6 Year Change	N/A	N/A	N/A		N/A	N/A	N/A	
3 Year Change	-4%	0%	4%		-1%	3%	4%	

**GAP ANALYSIS
ELL**

	Proficient + Advanced Performance							
	Reading				Mathematics			
	ELL	Non-ELL	Gap	Gap Change from Prior Year	ELL	Non-ELL	Gap	Gap Change from Prior Year
2008-09	47%	82%	35%	13%	36%	76%	40%	16%
2007-08	62%	84%	22%	-8%	54%	78%	24%	1%
2006-07	57%	87%	30%	0%	54%	77%	23%	-11%
2005-06	54%	84%	30%		41%	75%	34%	
6 Year Change	N/A	N/A	N/A		N/A	N/A	N/A	
3 Year Change	-7%	-2%	5%		-5%	1%	6%	

**Wisconsin Knowledge and Concepts Exam (WKCE) Proficiency Performance
Students in District Full Academic Year (FAY)
Grade 7**

CURRENT AND PREVIOUS YEAR PERFORMANCE DETAIL

KEY ->

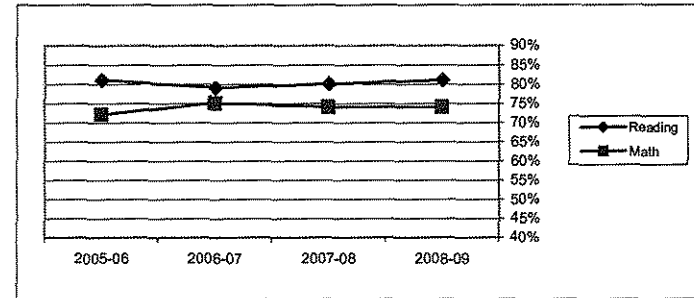
Decline	No Change	Improve
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2008-09	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Minimal	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1544	0%	1%		6%	11%	32%	49%	81%
Mathematics	1544	0%	1%		12%	12%	38%	36%	74%

2007-08	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Minimal	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1581	1%	1%	0%	9%	9%	31%	49%	80%
Mathematics	1581	0%	1%	0%	14%	11%	36%	38%	74%

HISTORICAL TRENDS

	Prof + Adv Performance	
	Reading	Math
2008-09	81%	74%
2007-08	80%	74%
2006-07	79%	75%
2005-06	81%	72%
6 Year Change	NA	NA
3 Year Change	0%	2%



GAP ANALYSIS INCOME

	Proficient + Advanced Performance							
	Reading				Mathematics			
	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year
2008-09	63%	95%	32%	2%	54%	90%	36%	0%
2007-08	62%	92%	30%	-3%	52%	88%	36%	2%
2006-07	59%	92%	33%	3%	55%	89%	34%	-7%
2005-06	62%	92%	30%		46%	87%	41%	
6 Year Change	N/A	N/A	N/A		N/A	N/A	N/A	
3 Year Change	1%	3%	2%		8%	3%	-5%	

GAP ANALYSIS ELL

	Proficient + Advanced Performance							
	Reading				Mathematics			
	ELL	Non-ELL	Gap	Gap Change from Prior Year	ELL	Non-ELL	Gap	Gap Change from Prior Year
2008-09	57%	85%	28%	1%	55%	78%	23%	1%
2007-08	58%	85%	27%	2%	56%	78%	22%	5%
2006-07	58%	83%	25%	-6%	61%	78%	17%	-5%
2005-06	55%	86%	31%		55%	77%	22%	
6 Year Change	N/A	N/A	N/A		N/A	N/A	N/A	
3 Year Change	2%	-1%	-3%		0%	1%	1%	

**Wisconsin Knowledge and Concepts Exam (WKCE) Proficiency Performance
Students in District Full Academic Year (FAY)
Grade 8**

CURRENT AND PREVIOUS YEAR PERFORMANCE DETAIL

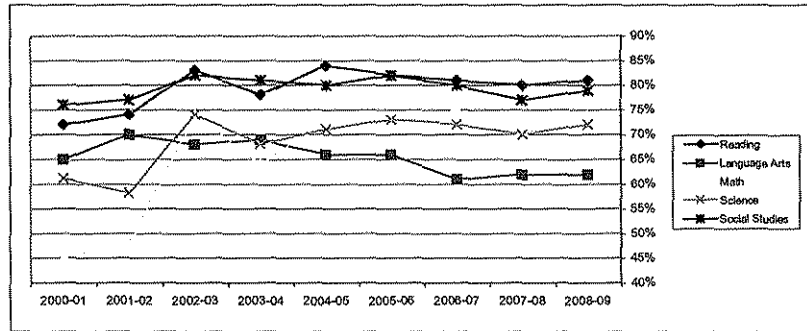
KEY -> Decline No Change Improve

2008-09	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Min Perf	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1593	0%	1%		8%	10%	33%	48%	81%
Language	1593	0%	1%		16%	21%	28%	33%	62%
Mathematics	1593	0%	1%		12%	13%	41%	33%	74%
Science	1593	1%	1%		11%	15%	40%	32%	72%
Social Studies	1593	1%	1%		7%	13%	31%	48%	79%

2007-08	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Min Perf	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1513	0%	1%	0%	8%	10%	35%	45%	80%
Language	1513	1%	1%	0%	16%	21%	30%	32%	62%
Mathematics	1513	1%	1%	0%	14%	14%	41%	30%	71%
Science	1513	1%	1%	0%	12%	16%	39%	31%	70%
Social Studies	1513	1%	1%	0%	7%	14%	34%	43%	77%

HISTORICAL TRENDS

	Proficient + Advanced Performance				
	Reading	Language Arts	Math	Science	Social Studies
2008-09	81%	62%	74%	72%	79%
2007-08	80%	62%	71%	70%	77%
2006-07	81%	61%	75%	72%	80%
2005-06	82%	66%	72%	73%	82%
2004-05	84%	66%	73%	71%	80%
2003-04	78%	69%	64%	68%	81%
2002-03	83%	68%	74%	74%	82%
2001-02	74%	70%	48%	58%	77%
2000-01	72%	65%	45%	61%	76%
6 Year Change	-2%	-6%	0%	-2%	-3%
3 Year Change	-1%	-4%	2%	-1%	-3%



GAP ANALYSIS INCOME

	Proficient + Advanced Performance							
	Reading				Mathematics			
	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year
2008-09	62%	93%	31%	1%	51%	89%	38%	0%
2007-08	63%	93%	30%	0%	49%	86%	38%	0%
2006-07	62%	92%	30%	-3%	54%	86%	32%	-4%
2005-06	61%	94%	33%	4%	49%	85%	36%	-3%
2004-05	64%	93%	29%	-4%	47%	80%	33%	-5%
2003-04	54%	87%	33%	2%	32%	76%	44%	3%
2002-03	61%	92%	31%	-11%	46%	87%	41%	-3%
2001-02	43%	85%	42%	0%	17%	61%	44%	0%
2000-01	41%	83%	42%		12%	56%	44%	
6 Year Change	1%	1%	0%		5%	2%	-3%	
3 Year Change	1%	-1%	-2%		2%	4%	2%	

GAP ANALYSIS ELL

	Proficient + Advanced Performance							
	Reading				Mathematics			
	ELL	Non-ELL	Gap	Gap Change from Prior Year	ELL	Non-ELL	Gap	Gap Change from Prior Year
2008-09	58%	86%	28%	3%	52%	78%	26%	6%
2007-08	58%	86%	28%	1%	55%	75%	20%	1%
2006-07	58%	85%	27%	1%	58%	77%	19%	-6%
2005-06	60%	86%	26%	-9%	51%	76%	25%	-3%
2004-05	55%	90%	35%	-10%	49%	77%	28%	-8%
2003-04	38%	84%	46%	4%	32%	68%	36%	4%
2002-03	46%	87%	41%	-4%	46%	78%	32%	-10%
2001-02 WINSS	32%	77%	45%		10%	52%	42%	
2000-01								
6 Year Change	9%	-1%	-10%		6%	0%	-6%	
3 Year Change	-5%	0%	5%		1%	2%	1%	

* Test conducted in February of 2002. Calculations are different than subsequent years.

**Wisconsin Knowledge and Concepts Exam (WKCE) Proficiency Performance
Students in District Full Academic Year (FAY)
Grade 10**

CURRENT AND PREVIOUS YEAR PERFORMANCE DETAIL

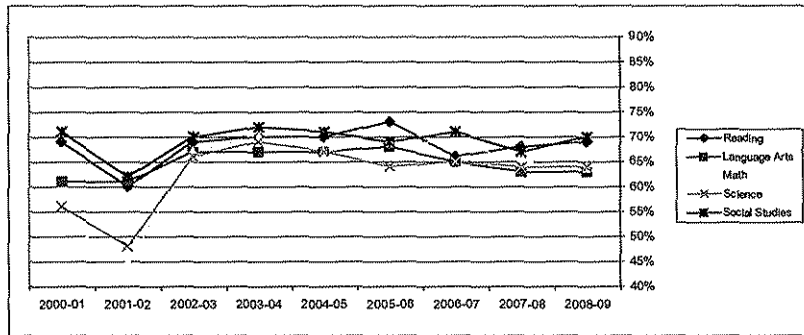
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2008-09	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Min Perf	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1755	4%	1%	0%	12%	13%	25%	44%	69%
Language	1755	4%	1%	0%	14%	17%	43%	20%	63%
Mathematics	1755	3%	1%	0%	19%	12%	37%	27%	64%
Science	1755	4%	1%	0%	21%	10%	23%	41%	64%
Social Studies	1755	4%	1%	0%	20%	6%	22%	48%	70%

2007-08	Enrolled FAY	No WSAS	WAA-SwD (Disabled)	Pre-Req English (ELL)	Min Perf	Basic	Proficient	Advanced	Proficient + Advanced
Reading	1758	2%	1%	0%	14%	15%	25%	43%	68%
Language	1758	4%	1%	0%	17%	15%	40%	23%	63%
Mathematics	1758	3%	1%	0%	21%	10%	32%	33%	65%
Science	1758	4%	1%	0%	22%	9%	23%	41%	64%
Social Studies	1758	4%	1%	0%	23%	5%	20%	47%	67%

HISTORICAL TRENDS

	Proficient + Advanced Performance				
	Reading	Language Arts	Math	Science	Social Studies
2008-09	69%	63%	64%	64%	70%
2007-08	68%	63%	65%	64%	67%
2006-07	66%	65%	69%	65%	71%
2005-06	73%	68%	69%	64%	69%
2004-05	70%	67%	67%	67%	71%
2003-04	70%	67%	70%	69%	72%
2002-03	69%	67%	67%	66%	70%
2001-02	60%	61%	45%	48%	62%
2000-01	69%	61%	53%	56%	71%
6 Year Change	0%	-4%	-3%	2%	0%
3 Year Change	-4%	-6%	-5%	0%	1%



GAP ANALYSIS INCOME

	Proficient + Advanced Performance							
	Reading				Mathematics			
	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year	Low Income Students	Not Low Income Students	Gap	Gap Change from Prior Year
2008-09	48%	83%	35%	-8%	37%	81%	44%	1%
2007-08	39%	82%	43%	-5%	38%	79%	41%	-2%
2006-07	34%	82%	48%	4%	36%	83%	45%	-6%
2005-06	42%	86%	44%	5%	34%	85%	51%	6%
2004-05	40%	79%	39%	-3%	32%	77%	45%	-2%
2003-04	34%	76%	42%	-6%	31%	78%	47%	-7%
2002-03	33%	81%	48%	0%	27%	81%	54%	11%
2001-02	22%	70%	48%	8%	12%	55%	43%	-3%
2000-01	37%	77%	40%		16%	62%	46%	
6 Year Change	15%	2%	-13%		10%	0%	-10%	
3 Year Change	6%	-3%	-9%		3%	-4%	-7%	

GAP ANALYSIS ELL

	Proficient + Advanced Performance							
	Reading				Mathematics			
	ELL	Non-ELL	Gap	Gap Change from Prior Year	ELL	Non-ELL	Gap	Gap Change from Prior Year
2008-09	30%	74%	44%	9%	28%	89%	43%	11%
2007-08	37%	72%	35%	-3%	38%	70%	32%	5%
2006-07	33%	71%	38%	-1%	45%	72%	27%	-7%
2005-06	38%	77%	39%	-11%	40%	74%	34%	-14%
2004-05	25%	75%	50%	0%	23%	71%	48%	5%
2003-04	23%	73%	50%	1%	30%	73%	43%	-4%
2002-03	25%	74%	49%	-7%	24%	71%	47%	2%
2001-02*	9%	65%	56%		4%	49%	45%	
2000-01								
6 Year Change	5%	0%	-5%		2%	-2%	-4%	
3 Year Change	8%	-3%	-5%		-14%	-5%	9%	

* Test conducted in February of 2002. Calculations are different than subsequent years.

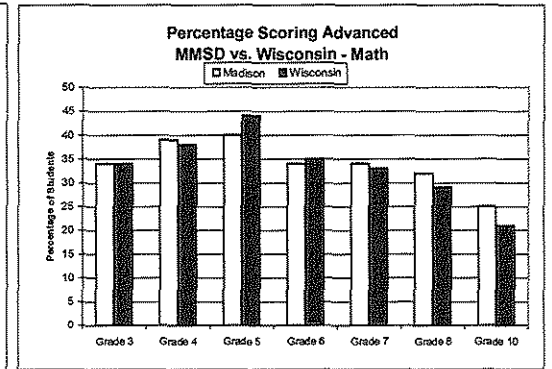
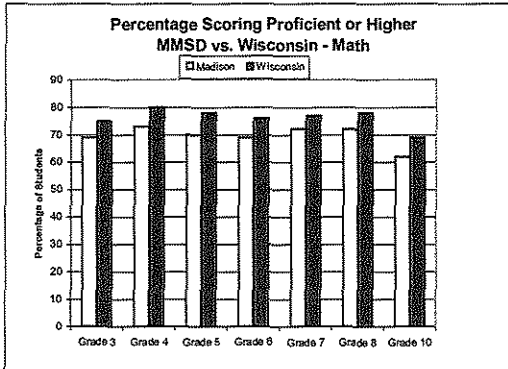
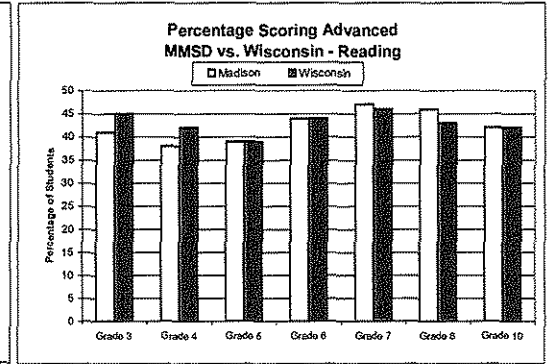
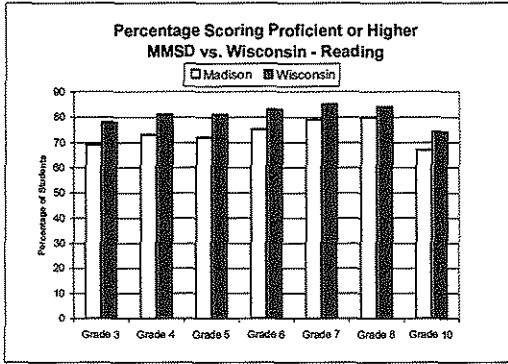
2009 WKCE Madison vs. Wisconsin table_1
Group: All Students

Grade	Subject	Wisconsin/ Madison	Total Enrolled	% No WSAS	% Wisconsin Alternative Assessment for Students with Disabilities*	% Wisconsin Alternative Assessment for LEP**	% Minimal	% Basic	% Proficient	% Advanced	Minimal % Difference from Wis	Advanced % Difference from Wis	% Proficient + Advanced	Proficient + Advanced % Difference from Wis
Grade 3	Reading	Madison	1829	1	1	0	11	18	28	41			69	
Grade 3	Reading	Wisconsin	60929	1	1	0	5	15	33	45	6	-4	78	-9
Grade 4	Reading	Madison	1770	1	1	0	8	16	35	38			73	
Grade 4	Reading	Wisconsin	60332	1	1	0	4	14	30	42	4	-4	81	-8
Grade 5	Reading	Madison	1711	1	2	0	9	17	33	39			72	
Grade 5	Reading	Wisconsin	60178	0	1	0	5	13	42	39	4	0	81	-9
Grade 6	Reading	Madison	1731	2	1	0	9	13	31	44			75	
Grade 6	Reading	Wisconsin	80274	0	1	0	5	10	39	44	4	0	83	-8
Grade 7	Reading	Madison	1683	1	1	0	7	12	32	47			79	
Grade 7	Reading	Wisconsin	81612	0	1	0	5	9	39	48	2	1	85	-6
Grade 8	Reading	Madison	1739	1	1	0	8	10	34	46			80	
Grade 8	Reading	Wisconsin	62238	1	1	0	5	9	41	43	3	3	84	-4
Grade 10	Reading	Madison	1917	5	1	0	14	13	25	42			67	
Grade 10	Reading	Wisconsin	68702	1	1	0	8	14	32	42	5	0	74	-7
Grade 3	Mathematics	Madison	1829	0	1	0	20	9	35	34			68	
Grade 3	Mathematics	Wisconsin	60929	0	1	0	14	9	41	34	6	0	75	-8
Grade 4	Mathematics	Madison	1770	0	1	0	16	9	34	39			73	
Grade 4	Mathematics	Wisconsin	60332	0	1	0	10	8	42	39	6	1	80	-7
Grade 5	Mathematics	Madison	1711	0	2	0	17	10	30	40			70	
Grade 5	Mathematics	Wisconsin	60178	0	1	0	12	9	34	44	5	4	78	-8
Grade 6	Mathematics	Madison	1731	1	1	0	18	11	35	34			69	
Grade 6	Mathematics	Wisconsin	60274	0	1	0	13	10	41	35	5	-1	70	-7
Grade 7	Mathematics	Madison	1683	0	1	0	14	13	38	34			72	
Grade 7	Mathematics	Wisconsin	81612	0	1	0	10	12	44	33	4	1	77	-5
Grade 8	Mathematics	Madison	1739	0	1	0	13	14	40	32			72	
Grade 8	Mathematics	Wisconsin	62238	0	1	0	8	13	49	29	5	3	78	-8
Grade 10	Mathematics	Madison	1917	3	1	0	22	13	37	25			62	
Grade 10	Mathematics	Wisconsin	68702	1	1	0	14	15	48	21	8	4	69	-7
Grade 4	Language Arts	Madison	1770	1	1	0	13	19	34	32			66	
Grade 4	Language Arts	Wisconsin	60332	1	1	0	6	17	43	32	7	0	75	-9
Grade 8	Language Arts	Madison	1739	1	1	0	16	21	28	32			60	
Grade 8	Language Arts	Wisconsin	62238	1	1	0	14	22	35	27	2	5	62	-2
Grade 10	Language Arts	Madison	1917	5	1	0	16	17	42	19			61	
Grade 10	Language Arts	Wisconsin	68702	2	1	0	8	19	54	16	8	3	70	-9
Grade 4	Science	Madison	1770	0	1	0	8	24	42	24			68	
Grade 4	Science	Wisconsin	60332	0	1	0	5	18	55	20	3	4	75	-9
Grade 8	Science	Madison	1739	1	1	0	12	15	40	31			71	
Grade 8	Science	Wisconsin	62238	1	1	0	9	15	46	28	3	3	74	-3
Grade 10	Science	Madison	1917	4	1	0	23	10	23	38			61	
Grade 10	Science	Wisconsin	68702	2	1	0	16	11	34	37	7	1	71	-10
Grade 4	Social Studies	Madison	1770	1	1	0	4	10	28	57			63	
Grade 4	Social Studies	Wisconsin	60332	1	1	0	2	8	25	68	2	-9	91	-8
Grade 8	Social Studies	Madison	1739	1	1	0	8	13	31	48			77	
Grade 8	Social Studies	Wisconsin	62238	1	1	0	5	13	37	42	3	4	79	-2
Grade 10	Social Studies	Madison	1917	5	1	0	22	6	22	45			67	
Grade 10	Social Studies	Wisconsin	68702	2	1	0	15	7	31	44	7	1	75	-8

All MMSD students tested in grades 3 through 8 and 10 in reading and math performed between 4 and 9 percentage points lower than students across Wisconsin in the proficient or higher performance levels.

Breaking out the data into the highest performance level only - the advanced level - MMSD students performed higher than Wisconsin students as a whole in reading in grades 7 and 8, and in math in grades 4, 7, 8, and 10. MMSD students trailed the state as a whole in advanced performance in grades 3 and 4 in reading and in grades 5 and 6 in math.

MMSD had proportionately more students than the state as a whole scoring in the lowest performance category - minimal - across grades tested. The difference ranged from 2 to 8 percentage points.



READING

- 0.0 = Average Difference in Advanced Across All Grades
- 7.0 = Average Difference in Proficient or Higher Across All Grades
- 4.0 = Average Difference in Minimal Across All Grades

MATHEMATICS

- 0.7 = Average Difference in Advanced Across All Grades
- 6.7 = Average Difference in Proficient or Higher Across All Grades
- 5.6 = Average Difference in Minimal Across All Grades

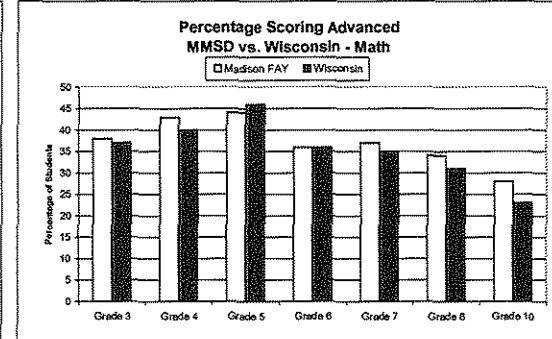
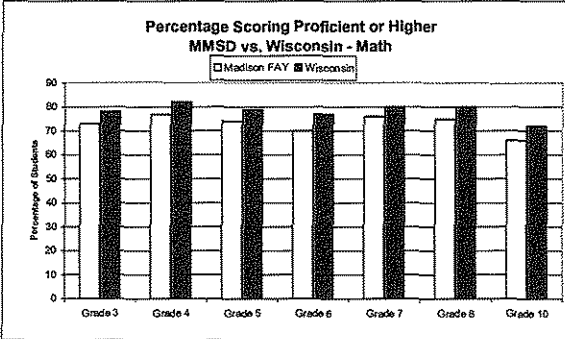
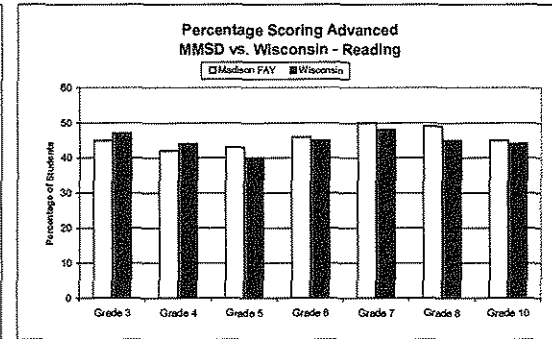
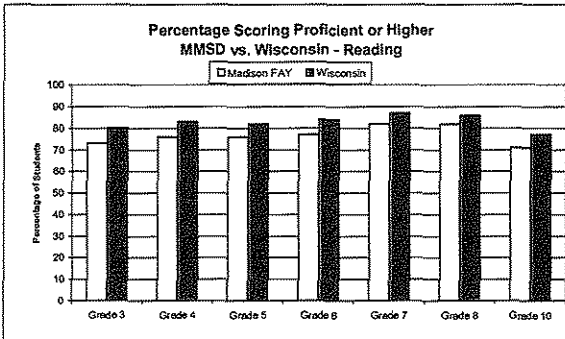
2009 WKCE Madison vs. Wisconsin table_1
Group: All Students FAY for MMSD

Grade	Subject	Wisconsin/ Madison	Total Enrolled	% No WSAS	% Wisconsin Alternative Assessment for Students with Disabilities*	% Wisconsin Alternative Assessment for LEP**	% Minimal	% Basic	% Proficient	% Advanced	Minimal % Difference from Wis	Advanced % Difference from Wis	% Proficient + Advanced	Proficient + Advanced % Difference from Wis
Grade 3	Reading	Madison FAY	1470	0	1	0	10	18	28	45				73
Grade 3	Reading	Wisconsin	51531	0	1	0	5	14	33	47	5	-2	80	-7
Grade 4	Reading	Madison FAY	1415	0	2	0	7	15	34	42				76
Grade 4	Reading	Wisconsin	51618	0	1	0	3	13	39	44	4	-2	83	-7
Grade 5	Reading	Madison FAY	1415	0	1	0	7	15	33	43				76
Grade 5	Reading	Wisconsin	51581	0	1	0	4	13	42	40	3	3	82	-6
Grade 6	Reading	Madison FAY	1546	0	1	0	9	13	31	46				77
Grade 6	Reading	Wisconsin	52916	0	1	0	5	10	39	45	4	1	84	-7
Grade 7	Reading	Madison FAY	1455	0	1	0	6	11	32	50				82
Grade 7	Reading	Wisconsin	53797	0	1	0	4	8	39	48	2	2	87	-5
Grade 8	Reading	Madison FAY	1520	0	1	0	7	9	33	49				82
Grade 8	Reading	Wisconsin	55105	0	1	0	4	8	41	45	3	4	86	-4
Grade 10	Reading	Madison FAY	1663	4	1	0	11	12	28	45				71
Grade 10	Reading	Wisconsin	61790	1	1	0	8	14	33	44	3	1	77	-5
Grade 3	Mathematics	Madison FAY	1479	0	1	0	17	9	35	38				73
Grade 3	Mathematics	Wisconsin	51531	0	1	0	12	8	41	37	5	1	78	-5
Grade 4	Mathematics	Madison FAY	1415	0	2	0	13	8	34	43				77
Grade 4	Mathematics	Wisconsin	51618	0	1	0	9	8	42	40	4	3	82	-5
Grade 5	Mathematics	Madison FAY	1415	0	1	0	14	10	30	44				74
Grade 5	Mathematics	Wisconsin	51581	0	1	0	11	8	33	46	3	-2	79	-5
Grade 6	Mathematics	Madison FAY	1546	0	1	0	17	11	34	36				70
Grade 6	Mathematics	Wisconsin	52916	0	1	0	11	10	41	38	6	0	77	-7
Grade 7	Mathematics	Madison FAY	1455	0	1	0	11	12	39	37				76
Grade 7	Mathematics	Wisconsin	53797	0	1	0	8	11	45	35	3	2	80	-4
Grade 8	Mathematics	Madison FAY	1520	0	1	0	11	13	41	34				75
Grade 8	Mathematics	Wisconsin	55105	0	1	0	7	12	49	31	4	3	80	-5
Grade 10	Mathematics	Madison FAY	1663	2	1	0	18	12	38	28				66
Grade 10	Mathematics	Wisconsin	61790	1	1	0	12	14	49	23	6	5	72	-5
Grade 4	Language Arts	Madison FAY	1415	0	2	0	12	17	35	34				69
Grade 4	Language Arts	Wisconsin	51618	0	1	0	5	16	44	34	7	0	78	-9
Grade 8	Language Arts	Madison FAY	1520	0	1	0	15	21	29	34				63
Grade 8	Language Arts	Wisconsin	55105	0	1	0	12	21	30	29	3	5	65	-2
Grade 10	Language Arts	Madison FAY	1663	3	1	0	13	17	44	21				65
Grade 10	Language Arts	Wisconsin	61790	1	1	0	6	16	56	17	7	4	73	-5
Grade 4	Science	Madison FAY	1415	0	2	0	7	22	42	27				69
Grade 4	Science	Wisconsin	51618	0	1	0	4	17	58	21	3	6	77	-8
Grade 8	Science	Madison FAY	1520	1	1	0	10	14	41	33				74
Grade 8	Science	Wisconsin	55105	0	1	0	7	14	48	30	3	3	76	-4
Grade 10	Science	Madison FAY	1663	3	1	0	20	10	23	42				65
Grade 10	Science	Wisconsin	61790	1	1	0	13	10	34	40	7	2	74	-9
Grade 4	Social Studies	Madison FAY	1415	0	2	0	4	8	26	61				87
Grade 4	Social Studies	Wisconsin	51618	0	1	0	2	5	24	68	2	-7	92	-5
Grade 8	Social Studies	Madison FAY	1520	1	1	0	6	12	31	49				80
Grade 8	Social Studies	Wisconsin	55105	0	1	0	4	12	38	45	2	4	83	-3
Grade 10	Social Studies	Madison FAY	1663	3	1	0	19	8	22	49				71
Grade 10	Social Studies	Wisconsin	61790	1	1	0	13	7	31	47	8	2	78	-7

When investigating students performance based on their level of school mobility, i.e., frequency of moving from school to school, there is a greater percentage of more stable students within the MMSD performing at the highest proficiency level - Advanced - on the WKCE reading and math tests than do similar students across the state as a whole in most but not all grade levels. The difference is most pronounced for grade 10 math where MMSD has 5 percent more students scoring Advanced than the state as a whole.

Across all grades tested in reading and math, MMSD had between 4 and 9 percent fewer stable students scoring in the proficient or higher performance level compared with students across the state as a whole.

As it did in the Advanced performance group, MMSD had a higher percentage of low mobility students scoring in the lowest performance level - Minimal - in all grades tested in reading and math when compared to all students across the state.



READING

1.5 = Average Difference in Advanced Across All Grades

-5.8 = Average Difference in Proficient or Higher Across All Grades

3.4 = Average Difference in Minimal Across All Grades

MATHEMATICS

1.8 = Average Difference in Advanced Across All Grades

-5.3 = Average Difference in Proficient or Higher Across All Grades

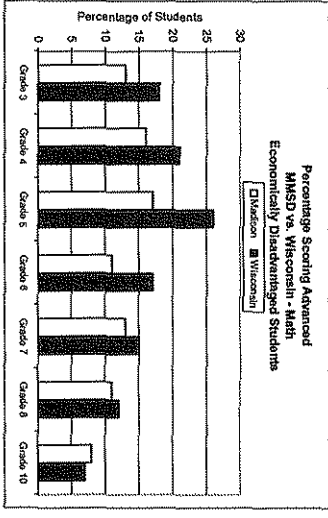
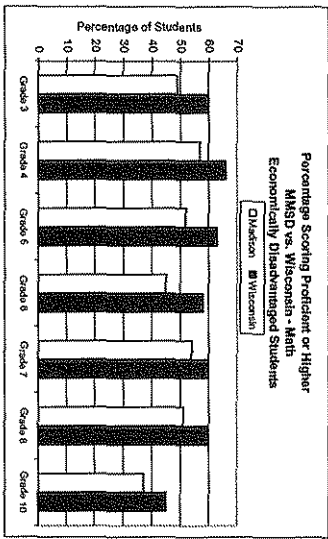
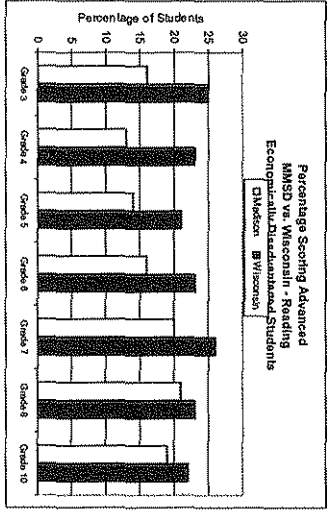
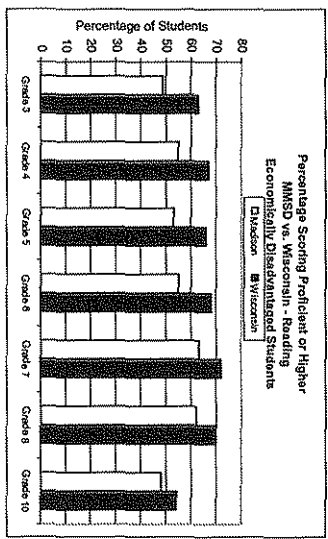
4.4 = Average Difference in Minimal Across All Grades

Grade	Subject	Wisconsin/ Madison	Total Enrolled	% No WSAS	% Wisconsin Alternative Assessment for Students with Disabilities*	% Wisconsin Alternative Assessment for LEP**	% Minimal	% Basic	% Proficient	% Advanced	Minimal % Difference from Wis	Advanced % Difference from Wis	% Proficient + Advanced	Proficient + Advanced % Difference from Wis
Grade 3	Reading	Madison	741	0	1	0	19	31	33	18			48	
Grade 3	Reading	Wisconsin	23154	1	2	0	10	24	38	25	9	9	63	14
Grade 4	Reading	Madison	713	0	2	0	15	28	42	13			55	
Grade 4	Reading	Wisconsin	22878	1	2	0	7	23	44	23	8	10	67	12
Grade 5	Reading	Madison	712	0	2	0	16	28	39	14			53	
Grade 5	Reading	Wisconsin	22081	1	2	0	8	22	45	21	7	7	66	13
Grade 6	Reading	Madison	657	1	1	0	19	24	39	16			55	
Grade 6	Reading	Wisconsin	21328	1	2	0	11	19	45	23	5	7	68	13
Grade 7	Reading	Madison	681	0	1	0	13	23	48	20			63	
Grade 7	Reading	Wisconsin	20895	1	2	0	6	16	48	26	4	9	72	9
Grade 8	Reading	Madison	641	1	1	0	17	20	41	21			62	
Grade 8	Reading	Wisconsin	20687	1	2	0	13	18	47	23	4	2	70	8
Grade 9	Reading	Madison	648	5	1	0	25	21	29	19			48	
Grade 9	Reading	Wisconsin	19727	3	2	0	13	23	32	22	7	5	54	9
Grade 10	Reading	Madison	741	0	1	0	35	14	38	13			49	
Grade 10	Reading	Wisconsin	22924	0	2	0	26	13	42	18	0	5	60	11
Grade 3	Mathematics	Madison	713	0	2	0	27	14	41	18			57	
Grade 3	Mathematics	Wisconsin	22978	0	2	0	19	13	45	21	3	5	66	8
Grade 4	Mathematics	Madison	712	0	2	0	29	18	35	17			52	
Grade 4	Mathematics	Wisconsin	22081	0	2	0	23	13	37	26	6	9	63	11
Grade 5	Mathematics	Madison	657	1	1	0	34	19	34	11			45	
Grade 5	Mathematics	Wisconsin	21328	0	2	0	24	16	41	17	10	4	59	13
Grade 6	Mathematics	Madison	681	0	1	0	24	21	41	13			54	
Grade 6	Mathematics	Wisconsin	20895	0	2	0	20	19	45	15	2	2	60	8
Grade 7	Mathematics	Madison	641	0	1	0	24	24	40	11			51	
Grade 7	Mathematics	Wisconsin	20687	1	2	0	17	21	46	12	7	1	60	9
Grade 8	Mathematics	Madison	648	5	1	0	39	19	29	8			37	
Grade 8	Mathematics	Wisconsin	19727	2	2	0	29	21	38	7	1	1	45	8

Among those students considered economically disadvantaged, a consistently lower percentage of MMSD students perform at the highest proficiency level on the WKCE tests - Advanced - than do other economically disadvantaged students across the state as a whole. This is the case at all grades levels in reading and for all grades, except grade 10, in math. The difference is especially high in reading.

Among the students considered economically disadvantaged, a lower percentage of MMSD students score at the Proficient or higher performance level than the state as a whole. Across the grades tested, the difference in reading was between 6 and 14 percent and in math was 5 to 13 percent.

Within this same subgroup of students, a consistently higher percentage of MMSD students perform at the lowest proficiency level on the WKCE tests - Minimal - than do other economically disadvantaged students across the state as a whole. This is the case at all grades levels in reading and math.



READING
 -5.8 = Average Difference in Advanced Across All Grades
 -10.2 = Average Difference in Proficient or Higher Across All Grades
 7.0 = Average Difference in Minimal Across All Grades

MATHEMATICS
 -3.7 = Average Difference in Advanced Across All Grades
 -9.3 = Average Difference in Proficient or Higher Across All Grades
 7.7 = Average Difference in Minimal Across All Grades

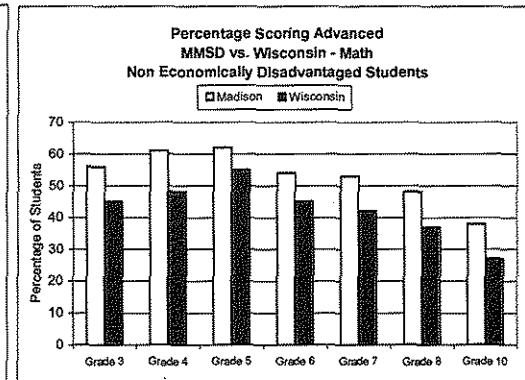
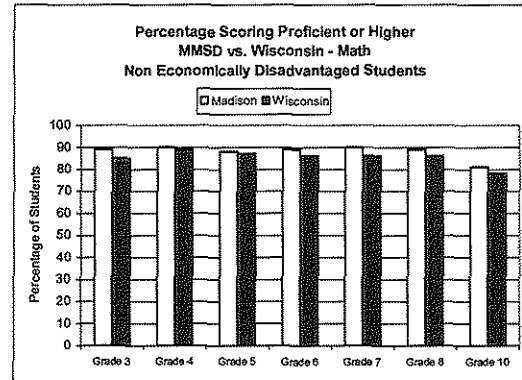
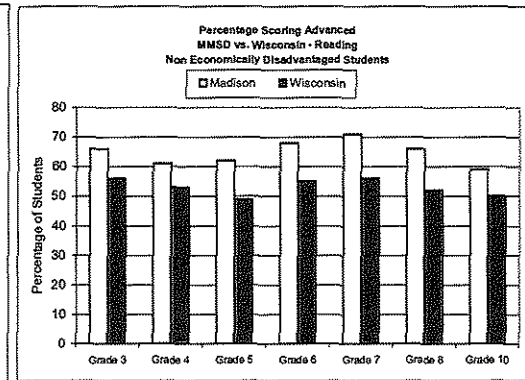
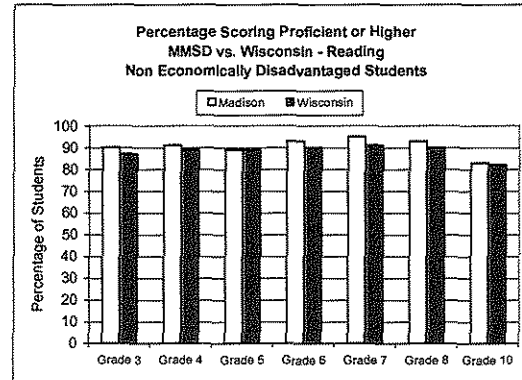
2009 WKCE Madison vs. Wisconsin table_1
Group: Not Econ Disadvantaged

Grade	Subject	Wisconsin/ Madison	Total Enrolled	% No WSAS	% Wisconsin Alternative Assessment for Students with Disabilities*	% Wisconsin Alternative Assessment for LEP**	% Minimal	% Basic	% Proficient	% Advanced	Minimal % Difference from Wis	Advanced % Difference from Wis	% Proficient + Advanced	Proficient + Advanced % Difference from Wis
Grade 3	Reading	Madison	913	0	1	0	3	7	24	66			90	
Grade 3	Reading	Wisconsin	37775	0	1	0	3	9	31	56	0	-10	87	3
Grade 4	Reading	Madison	884	0	1	0	2	6	30	61			91	
Grade 4	Reading	Wisconsin	37654	0	1	0	2	8	36	53	0	8	89	2
Grade 5	Reading	Madison	847	1	1	0	2	7	27	62			89	
Grade 5	Reading	Wisconsin	38097	0	1	0	2	8	40	49	0	13	89	0
Grade 6	Reading	Madison	890	0	1	0	1	5	25	68			93	
Grade 6	Reading	Wisconsin	38945	0	1	0	2	6	35	55	-1	13	90	3
Grade 7	Reading	Madison	883	0	1	0	2	3	24	71			95	
Grade 7	Reading	Wisconsin	40717	0	1	0	2	5	35	56	0	15	91	4
Grade 8	Reading	Madison	952	0	1	0	2	3	27	66			93	
Grade 8	Reading	Wisconsin	41571	0	1	0	3	6	38	52	-1	14	90	3
Grade 10	Reading	Madison	1106	4	1	0	5	8	24	59			83	
Grade 10	Reading	Wisconsin	48975	1	1	0	5	11	32	50	0	9	82	1
Grade 3	Mathematics	Madison	913	0	1	0	5	5	33	56			89	
Grade 3	Mathematics	Wisconsin	37775	0	1	0	7	7	40	45	-2	11	85	4
Grade 4	Mathematics	Madison	884	0	1	0	5	4	29	61			90	
Grade 4	Mathematics	Wisconsin	37654	0	1	0	5	6	41	48	0	13	89	1
Grade 5	Mathematics	Madison	847	1	1	0	6	4	26	62			88	
Grade 5	Mathematics	Wisconsin	38097	0	1	0	6	6	32	55	0	7	87	1
Grade 6	Mathematics	Madison	890	0	1	0	6	5	35	54			89	
Grade 6	Mathematics	Wisconsin	38945	0	1	0	6	7	41	45	0	9	86	3
Grade 7	Mathematics	Madison	883	0	1	0	4	5	37	53			90	
Grade 7	Mathematics	Wisconsin	40717	0	1	0	5	8	44	42	-1	11	86	4
Grade 8	Mathematics	Madison	952	0	1	0	4	7	41	48			89	
Grade 8	Mathematics	Wisconsin	41571	0	1	0	4	9	49	37	0	11	86	3
Grade 10	Mathematics	Madison	1106	2	1	0	8	8	43	38			81	
Grade 10	Mathematics	Wisconsin	48975	1	1	0	8	12	51	27	0	11	78	3

Among the non-economically disadvantaged students in MMSD a higher percentage of students score in the highest proficiency level - Advanced - on the state test compared with similar students across the state. This percentage point difference ranges from 8 to 15 points across all grade levels in reading, and between 7 and 13 points in math.

Among the non-economically disadvantaged students, MMSD has a slightly larger percentage of students scoring in the proficient or higher performance levels compared to the same subgroup of students across the entire state. This finding occurs in both reading and math.

Also among non-economically disadvantaged students, MMSD has roughly the same proportion of students scoring at the lowest performance level - Minimal - as the same subgroup of students across the state (less than 3 percent in reading and less than 6 percent in math).



READING

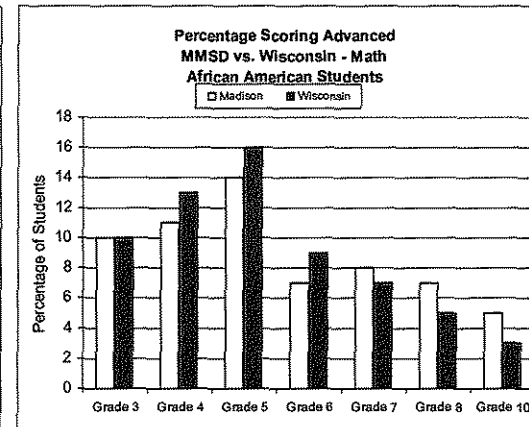
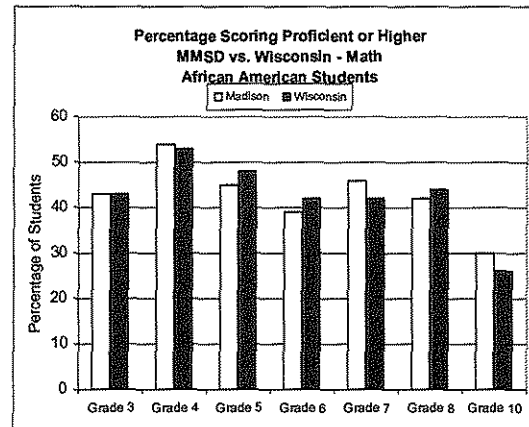
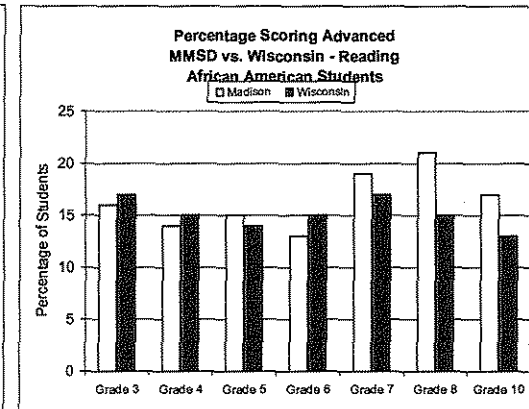
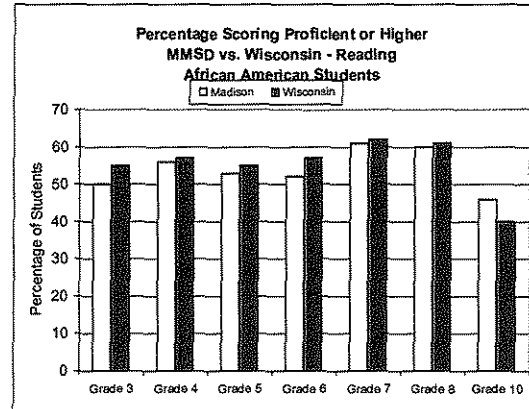
- 12.0 = Average Difference in Advanced Across All Grades
- 2.2 = Average Difference in Proficient or Higher Across All Grades
- 0.3 = Average Difference in Minimal Across All Grades

MATHEMATICS

- 10.3 = Average Difference in Advanced Across All Grades

2009 WKCE Madison vs. Wisconsin table_1
Group: African American

Grade	Subject	Wisconsin/ Madison	Total Enrolled	% No WSAS	% Wisconsin Alternative Assessment for Students with Disabilities*	% Wisconsin Alternative Assessment for LEP**	% Minimal	% Basic	% Proficient	% Advanced	Minimal % Difference from Wis	Advanced % Difference from Wis	% Proficient + Advanced	Proficient + Advanced % Difference from Wis
Grade 3	Reading	Madison	387	0	3	0	18	30	34	16			50	
Grade 3	Reading	Wisconsin	6429	0	2	0	14	30	38	17	4	-1	55	-5
Grade 4	Reading	Madison	372	0	2	0	15	27	42	14			56	
Grade 4	Reading	Wisconsin	6492	0	2	0	11	29	42	15	4	-1	57	-1
Grade 5	Reading	Madison	407	0	3	0	18	27	38	15			53	
Grade 5	Reading	Wisconsin	6461	0	2	0	14	28	41	14	4	1	55	-2
Grade 6	Reading	Madison	345	1	3	0	21	24	39	13			52	
Grade 6	Reading	Wisconsin	6335	0	2	0	18	22	42	15	3	-2	57	-5
Grade 7	Reading	Madison	345	0	2	0	15	21	42	19			61	
Grade 7	Reading	Wisconsin	6381	1	2	0	14	20	45	17	1	2	62	-1
Grade 8	Reading	Madison	332	0	1	0	19	19	39	21			60	
Grade 8	Reading	Wisconsin	6539	1	2	0	16	21	46	15	3	6	61	-1
Grade 10	Reading	Madison	352	6	0	0	27	20	29	17			46	
Grade 10	Reading	Wisconsin	6489	4	2	0	28	26	27	13	-1	4	40	-6
Grade 3	Mathematics	Madison	387	0	3	0	41	13	33	10			43	
Grade 3	Mathematics	Wisconsin	6429	0	2	0	40	14	33	10	1	0	43	0
Grade 4	Mathematics	Madison	372	0	2	0	30	14	43	11			54	
Grade 4	Mathematics	Wisconsin	6492	0	2	0	30	14	40	13	0	-2	53	1
Grade 5	Mathematics	Madison	407	0	3	0	36	15	31	14			45	
Grade 5	Mathematics	Wisconsin	6461	0	2	0	35	14	32	16		-2	48	-3
Grade 6	Mathematics	Madison	345	1	3	0	37	21	32	7			39	
Grade 6	Mathematics	Wisconsin	6335	0	2	0	37	18	33	9	0	-2	42	-3
Grade 7	Mathematics	Madison	345	0	2	0	29	23	38	8			46	
Grade 7	Mathematics	Wisconsin	6381	1	2	0	32	23	35	7	-3	1	42	4
Grade 8	Mathematics	Madison	332	0	1	0	28	29	35	7			42	
Grade 8	Mathematics	Wisconsin	6539	1	2	0	26	27	39	5	2	2	44	-2
Grade 10	Mathematics	Madison	352	6	0	0	43	20	25	5			30	
Grade 10	Mathematics	Wisconsin	6489	4	2	0	46	22	23	3	-3	2	26	4



READING

- 1.7 = Average Difference in Advanced Across All Grades
- 0.7 = Average Difference in Proficient or Higher Across All Grades
- 2.6 = Average Difference in Minimal Across All Grades

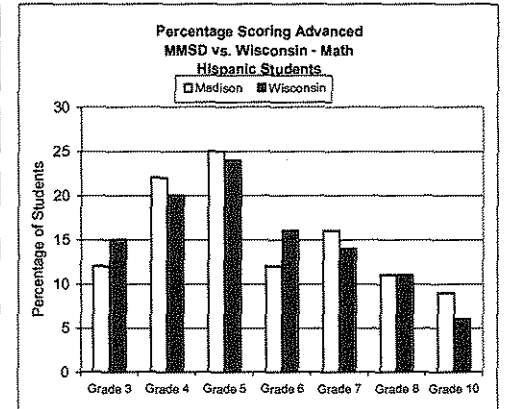
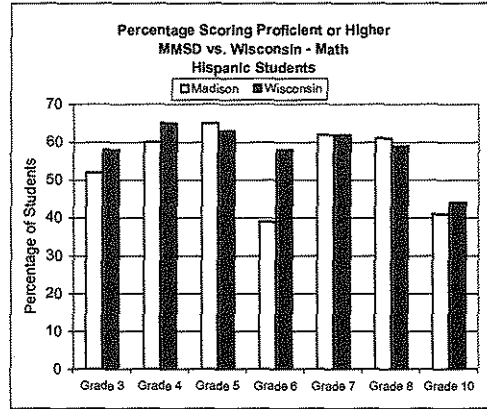
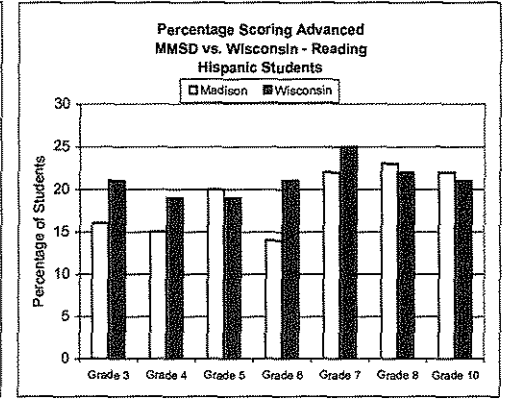
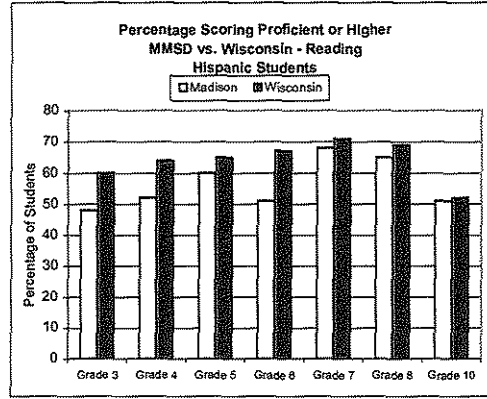
MATHEMATICS

- 0.2 = Average Difference in Advanced Across All Grades
- 0.2 = Average Difference in Proficient or Higher Across All Grades
- 0.3 = Average Difference in Minimal Across All Grades

2009 WKCE Madison vs. Wisconsin table_1

Group: Hispanic

Grade	Subject	Wisconsin/ Madison	Total Enrolled	% No WSAS	% Wisconsin Alternative Assessment for Students with Disabilities	% Wisconsin Alternative Assessment for LEP**	% Minimal	% Basic	% Proficient	% Advanced	Minimal % Difference from Wis	Advanced % Difference from Wis	% Proficient + Advanced	Proficient + Advanced % Difference from Wis
Grade 3	Reading	Madison	252	0	1	0	17	35	32	16			48	
Grade 3	Reading	Wisconsin	5475	5	2	0	9	25	39	21	8	-5	60	-12
Grade 4	Reading	Madison	254	0	2	0	13	32	37	15			52	
Grade 4	Reading	Wisconsin	5431	3	1	0	7	25	45	19	6	-4	64	-12
Grade 5	Reading	Madison	233	0	1	0	12	27	40	20			60	
Grade 5	Reading	Wisconsin	5039	3	1	0	9	23	46	19	3	1	65	-5
Grade 6	Reading	Madison	195	0	1	0	20	28	37	14			51	
Grade 6	Reading	Wisconsin	4786	3	1	0	10	20	46	21	10	-7	67	-16
Grade 7	Reading	Madison	226	0	1	0	9	22	46	22			68	
Grade 7	Reading	Wisconsin	4609	3	1	0	9	17	46	25	0	-3	71	-3
Grade 8	Reading	Madison	211	0	0	0	16	18	42	23			65	
Grade 8	Reading	Wisconsin	4563	3	1	0	11	16	47	22	5	1	69	-4
Grade 10	Reading	Madison	205	6	0	0	23	20	29	22			51	
Grade 10	Reading	Wisconsin	4186	5	1	0	18	24	31	21	5	1	52	-1
Grade 3	Mathematics	Madison	252	0	1	0	31	16	40	12			52	
Grade 3	Mathematics	Wisconsin	5475	0	2	0	26	14	43	15	5	-3	58	-6
Grade 4	Mathematics	Madison	254	0	2	0	26	12	38	22			60	
Grade 4	Mathematics	Wisconsin	5431	0	1	0	19	14	45	20	7	2	65	-5
Grade 5	Mathematics	Madison	233	0	1	0	18	15	40	25			65	
Grade 5	Mathematics	Wisconsin	5039	0	1	0	22	13	39	24	-4	1	63	2
Grade 6	Mathematics	Madison	195	0	1	0	40	21	27	12			39	
Grade 6	Mathematics	Wisconsin	4786	0	1	0	25	16	42	16	15	-4	68	-19
Grade 7	Mathematics	Madison	226	0	1	0	19	18	46	16			62	
Grade 7	Mathematics	Wisconsin	4609	0	1	0	18	19	48	14	1	2	62	0
Grade 8	Mathematics	Madison	211	0	0	0	18	20	50	11			61	
Grade 8	Mathematics	Wisconsin	4563	1	1	0	16	23	48	11	2	0	59	2
Grade 10	Mathematics	Madison	205	4	0	0	38	17	32	9			41	
Grade 10	Mathematics	Wisconsin	4186	2	1	0	29	23	38	6	9	3	44	-3



READING

- 1.8 = Average Difference in Advanced Across All Grades
- 6.8 = Average Difference in Proficient or Higher Across All Grades
- 5.3 = Average Difference in Minimal Across All Grades

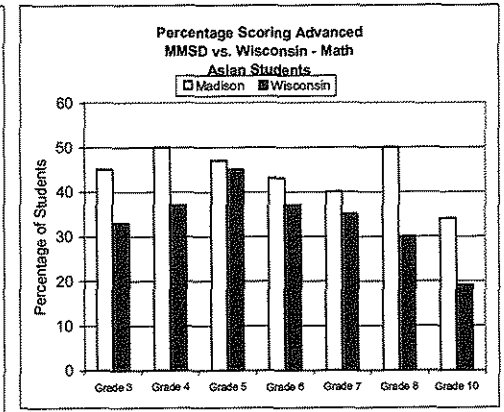
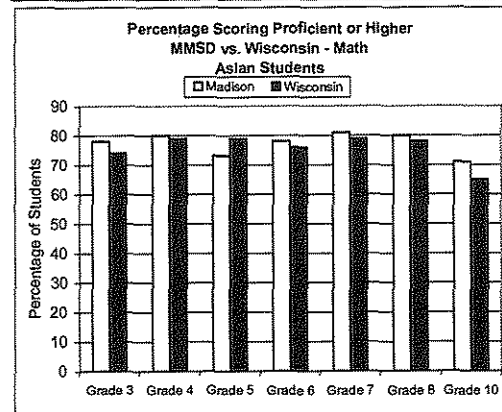
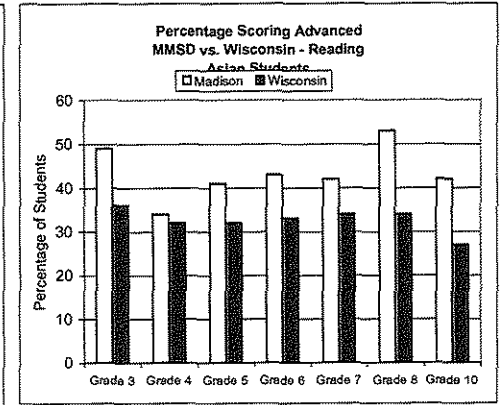
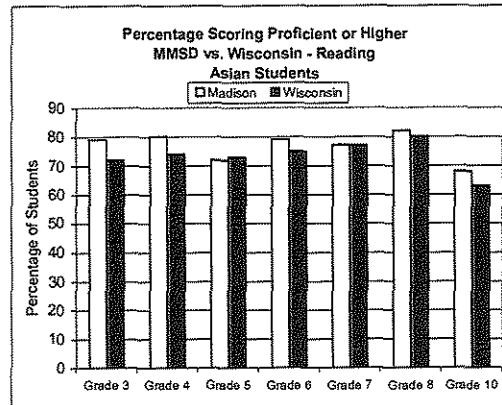
MATHEMATICS

- 0.7 = Average Difference in Advanced Across All Grades
- 3.8 = Average Difference in Proficient or Higher Across All Grades
- 5.0 = Average Difference in Minimal Across All Grades

2009 WKCE Madison vs. Wisconsin table_1

Groups: Asian

Grade	Subject	Wisconsin/Madison	Total Enrolled	% No WSAS	% Wisconsin Alternative Assessment for Students with Disabilities*	% Wisconsin Alternative Assessment for LEP**	% Minimal	% Basic	% Proficient	% Advanced	Minimal % Difference from Wis	Advanced % Difference from Wis	% Proficient + Advanced	Proficient + Advanced % Difference from Wis
Grade 3	Reading	Madison	211	0	0	0	9	11	30	49			79	
Grade 3	Reading	Wisconsin	2300	2	1	0	6	19	36	36	3	13	72	7
Grade 4	Reading	Madison	160	0	1	0	5	14	46	34			80	
Grade 4	Reading	Wisconsin	2216	2	1	0	3	19	42	32	2	2	74	6
Grade 5	Reading	Madison	170	0	2	0	7	20	31	41			72	
Grade 5	Reading	Wisconsin	2146	2	1	0	5	19	41	32	2	9	73	1
Grade 6	Reading	Madison	187	0	1	0	5	14	36	43			79	
Grade 6	Reading	Wisconsin	2188	2	2	0	6	16	42	33	-1	10	75	4
Grade 7	Reading	Madison	152	0	1	0	11	12	35	42			77	
Grade 7	Reading	Wisconsin	2304	1	1	0	7	14	43	34	4	8	77	0
Grade 8	Reading	Madison	171	0	1	0	7	9	29	53			82	
Grade 8	Reading	Wisconsin	2289	2	1	0	7	11	46	34	0	19	80	2
Grade 10	Reading	Madison	171	2	1	0	12	18	26	42			68	
Grade 10	Reading	Wisconsin	2481	3	1	0	11	23	36	27	1	15	63	5
Grade 3	Mathematics	Madison	211	0	0	0	12	9	33	45			78	
Grade 3	Mathematics	Wisconsin	2300	0	1	0	15	10	41	33	-3	12	74	4
Grade 4	Mathematics	Madison	160	0	1	0	9	9	30	50			80	
Grade 4	Mathematics	Wisconsin	2216	0	1	0	10	10	42	37	-1	13	79	1
Grade 5	Mathematics	Madison	170	1	2	0	12	12	26	47			73	
Grade 5	Mathematics	Wisconsin	2146	0	1	0	11	9	34	45	1	2	79	6
Grade 6	Mathematics	Madison	187	0	1	0	12	10	35	43			78	
Grade 6	Mathematics	Wisconsin	2188	0	2	0	11	11	39	37	1	6	76	2
Grade 7	Mathematics	Madison	152	0	1	0	10	9	41	40			81	
Grade 7	Mathematics	Wisconsin	2304	0	1	0	8	11	44	35	2	5	79	2
Grade 8	Mathematics	Madison	171	0	1	0	9	9	30	50			80	
Grade 8	Mathematics	Wisconsin	2289	0	1	0	8	13	48	30	1	20	78	2
Grade 10	Mathematics	Madison	171	1	1	0	14	14	37	34			71	
Grade 10	Mathematics	Wisconsin	2481	1	1	0	16	17	46	19	-2	15	65	6



READING

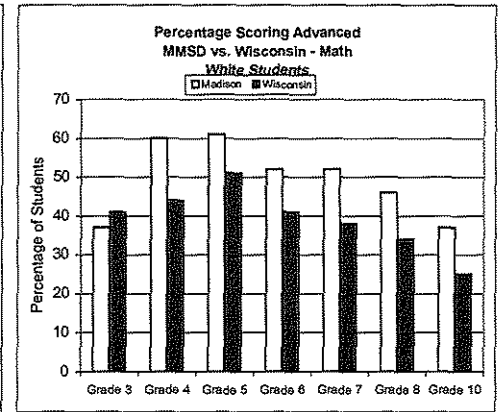
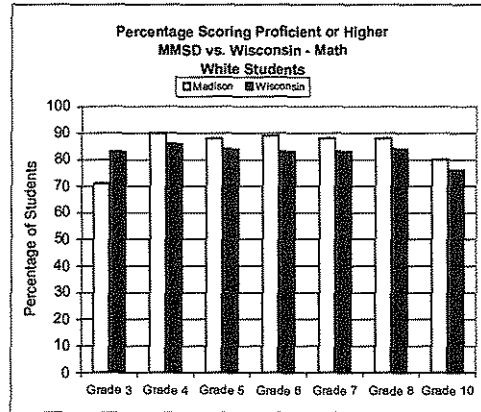
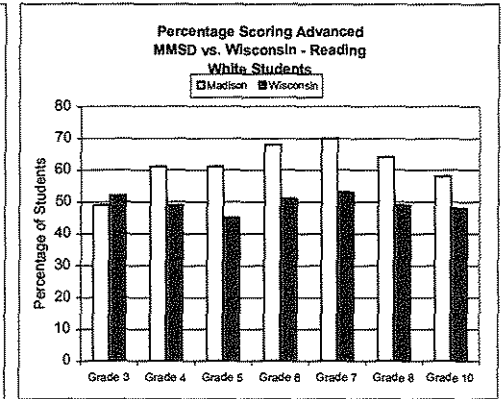
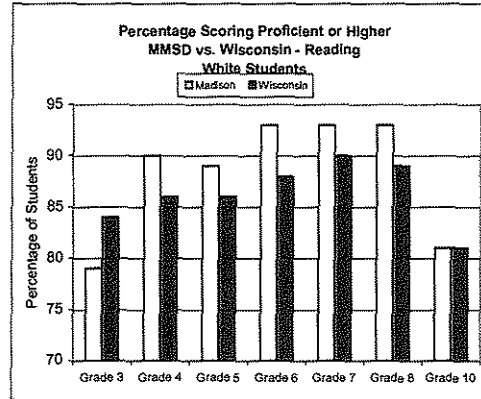
- 10.5 = Average Difference in Advanced Across All Grades
- 2.7 = Average Difference in Proficient or Higher Across All Grades
- 1.6 = Average Difference in Minimal Across All Grades

MATHEMATICS

- 10.2 = Average Difference in Advanced Across All Grades
- 1.2 = Average Difference in Proficient or Higher Across All Grades
- 0.1 = Average Difference in Minimal Across All Grades

2009 WKCE Madison vs. Wisconsin table_1
Group: White

Grade	Subject	Wisconsin/ Madison	Total Enrolled	% No WSAS	% Wisconsin Alternative Assessments for Students with Disabilities	% Wisconsin Alternative Assessments for LEP**	% Minimal	% Basic	% Proficient	% Advanced	Minimal % Difference from Wis	Advanced % Difference from Wis	% Proficient + Advanced	Proficient + Advanced % Difference from Wis
Grade 3	Reading	Madison	797	0	0	0	9	11	30	49			79	
Grade 3	Reading	Wisconsin	45843	0	1	0	4	11	32	52	5	-3	84	-5
Grade 4	Reading	Madison	793	1	1	0	3	6	29	61			90	
Grade 4	Reading	Wisconsin	42286	0	1	0	2	10	37	49	1	12	86	4
Grade 5	Reading	Madison	741	1	1	0	3	6	28	61			89	
Grade 5	Reading	Wisconsin	45645	0	1	0	3	10	41	45	0	16	86	3
Grade 6	Reading	Madison	808	0	0	0	2	4	25	68			93	
Grade 6	Reading	Wisconsin	46107	0	1	0	3	7	37	51	-1	17	88	5
Grade 7	Reading	Madison	814	0	1	0	1	4	23	70			93	
Grade 7	Reading	Wisconsin	47432	0	1	0	3	6	37	53	-2	17	90	3
Grade 8	Reading	Madison	861	0	1	0	2	4	29	64			93	
Grade 8	Reading	Wisconsin	47970	0	1	0	3	6	40	49	-1	15	89	4
Grade 10	Reading	Madison	1019	4	2	0	5	8	23	58			81	
Grade 10	Reading	Wisconsin	54483	1	1	0	6	12	33	48	-1	10	81	0
Grade 3	Mathematics	Madison	797	0	1	0	19	9	34	37			71	
Grade 3	Mathematics	Wisconsin	45843	0	1	0	9	7	42	41	10	-4	83	-12
Grade 4	Mathematics	Madison	793	0	1	0	5	4	30	60			90	
Grade 4	Mathematics	Wisconsin	45286	0	1	0	6	6	42	44	-1	16	86	4
Grade 5	Mathematics	Madison	741	1	1	0	6	4	27	61			88	
Grade 5	Mathematics	Wisconsin	45645	0	1	0	8	7	33	51	-2	10	84	4
Grade 6	Mathematics	Madison	808	1	0	0	5	5	37	52			89	
Grade 6	Mathematics	Wisconsin	46107	0	1	0	8	9	42	41	-3	11	83	6
Grade 7	Mathematics	Madison	814	0	1	0	4	7	36	52			88	
Grade 7	Mathematics	Wisconsin	47432	0	1	0	6	9	45	38	-2	14	83	5
Grade 8	Mathematics	Madison	861	0	1	0	5	7	42	46			88	
Grade 8	Mathematics	Wisconsin	47970	0	1	0	5	10	50	34	0	12	84	4
Grade 10	Mathematics	Madison	1019	2	2	0	9	8	43	37			80	
Grade 10	Mathematics	Wisconsin	54483	1	1	0	9	13	51	25	0	12	76	4



READING

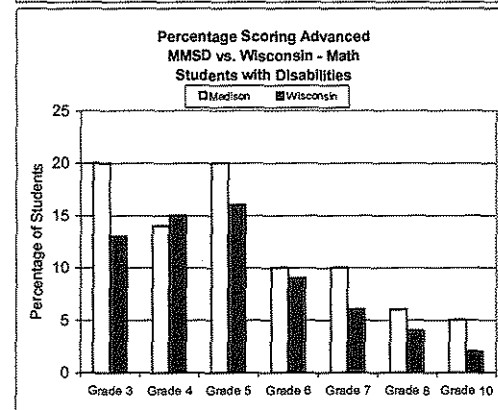
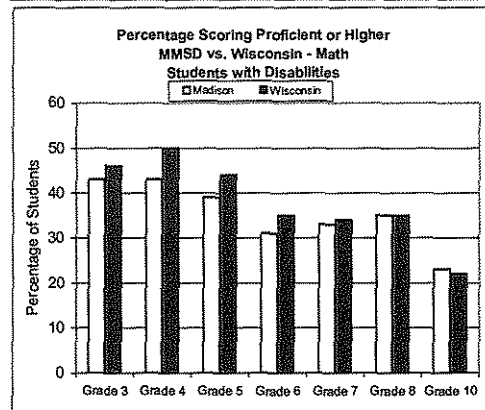
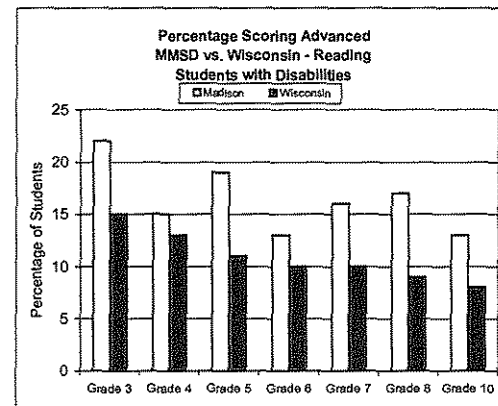
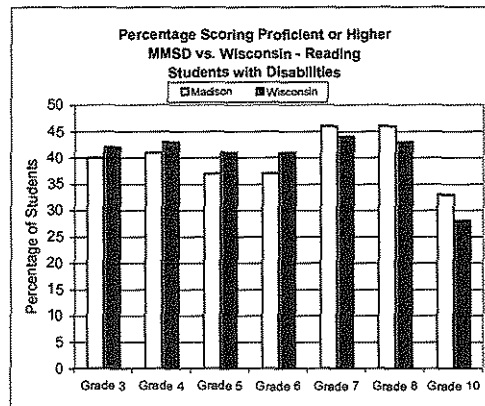
- 14.5 = Average Difference in Advanced Across All Grades
- 3.2 = Average Difference in Proficient or Higher Across All Grades
- 0.1 = Average Difference in Minimal Across All Grades

MATHEMATICS

- 12.5 = Average Difference in Advanced Across All Grades
- 4.5 = Average Difference in Proficient or Higher Across All Grades
- 0.3 = Average Difference in Minimal Across All Grades

2009 WKCE Madison vs. Wisconsin table_1
Group: Special Education

Grade	Subject	Wisconsin/ Madison	Total Enrolled	% No WSAS	% Wisconsin Alternative Assessment for Students with Disabilities	% Wisconsin Alternative Assessment for LEP**	% Minimal	% Basic	% Proficient	% Advanced	Minimal % Difference from Wis	Advanced % Difference from Wis	% Proficient + Advanced	Proficient + Advanced % Difference from Wis
Grade 3	Reading	Madison	212	0	9	0	25	25	18	22			40	
Grade 3	Reading	Wisconsin	8322	1	10	0	18	28	27	15	7	7	42	-2
Grade 4	Reading	Madison	251	1	9	0	25	24	26	15			41	
Grade 4	Reading	Wisconsin	8643	1	9	0	16	30	30	13	9	2	43	-2
Grade 5	Reading	Madison	287	1	9	0	30	23	18	19			37	
Grade 5	Reading	Wisconsin	8614	1	9	0	21	29	30	11	9	8	41	-4
Grade 6	Reading	Madison	285	1	5	0	30	26	24	13			37	
Grade 6	Reading	Wisconsin	8310	1	9	0	23	26	31	10	7	3	41	-4
Grade 7	Reading	Madison	271	0	7	0	23	25	30	16			46	
Grade 7	Reading	Wisconsin	8583	1	9	0	21	25	34	10	2	6	44	2
Grade 8	Reading	Madison	293	1	4	0	27	21	29	17			46	
Grade 8	Reading	Wisconsin	8606	1	9	0	24	23	34	9	3	8	43	3
Grade 10	Reading	Madison	331	4	7	0	34	23	20	13			33	
Grade 10	Reading	Wisconsin	9170	3	9	0	33	27	20	8	1	5	28	5
Grade 3	Mathematics	Madison	212	0	9	0	35	12	23	20			43	
Grade 3	Mathematics	Wisconsin	8322	0	10	0	31	13	33	13	4	7	46	-3
Grade 4	Mathematics	Madison	251	1	9	0	38	10	29	14			43	
Grade 4	Mathematics	Wisconsin	8643	1	9	0	27	13	35	15	11	-1	50	-7
Grade 5	Mathematics	Madison	287	1	9	0	40	10	19	20			39	
Grade 5	Mathematics	Wisconsin	8614	1	9	0	35	12	28	16	5	4	44	-5
Grade 6	Mathematics	Madison	285	1	5	0	46	16	21	10			31	
Grade 6	Mathematics	Wisconsin	8310	1	9	0	39	17	26	9	7	1	35	-4
Grade 7	Mathematics	Madison	271	0	7	0	39	22	23	10			33	
Grade 7	Mathematics	Wisconsin	8583	1	9	0	35	21	28	6	4	4	34	-1
Grade 8	Mathematics	Madison	293	1	4	0	41	20	29	6			35	
Grade 8	Mathematics	Wisconsin	8606	1	9	0	31	24	31	4	10	2	35	0
Grade 10	Mathematics	Madison	331	4	7	0	53	13	16	5			23	
Grade 10	Mathematics	Wisconsin	9170	3	9	0	45	21	20	2	8	3	22	1



READING

- 5.3 = Average Difference in Advanced Across All Grades
- 0.0 = Average Difference in Proficient or Higher Across All Grades
- 5.4 = Average Difference in Minimal Across All Grades

MATHEMATICS

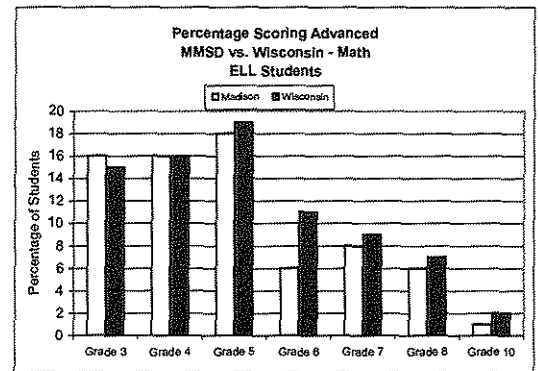
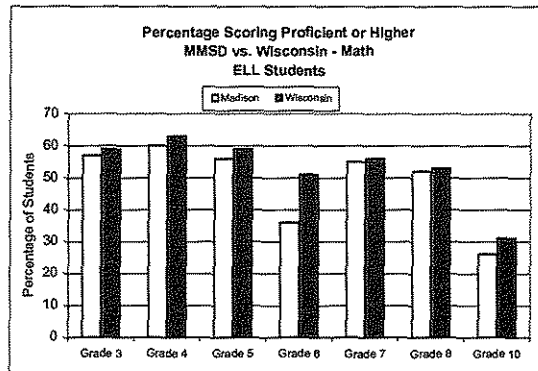
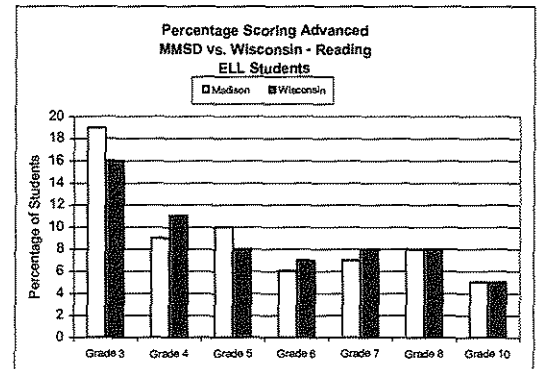
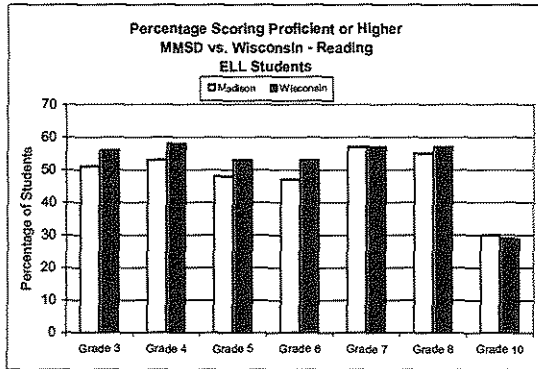
- 2.2 = Average Difference in Advanced Across All Grades
- 2.7 = Average Difference in Proficient or Higher Across All Grades
- 7.0 = Average Difference in Minimal Across All Grades

2009 WKCE Madison vs. Wisconsin table_1
Group: English Language Learners (ELL)

Grade	Subject	Wisconsin/ Madison	Total Enrolled	% No WSAS	% Wisconsin Alternative Assessment for Students with Disabilities*	% Wisconsin Alternative Assessment for LEP**	% Minimal	% Basic	% Proficient	% Advanced	Minimal % Difference from Wis	Advanced % Difference from Wis	% Proficient + Advanced	Proficient + Advanced % Difference from Wis
Grade 3	Reading	Madison	365	0	1	0	17	32	32	19			51	
Grade 3	Reading	Wisconsin	4740	6	1	0	9	28	40	16	8	3	56	-5
Grade 4	Reading	Madison	287	0	2	0	13	33	44	9			53	
Grade 4	Reading	Wisconsin	4272	5	1	0	8	29	47	11	5	-2	58	-5
Grade 5	Reading	Madison	268	0	2	0	15	35	38	10			48	
Grade 5	Reading	Wisconsin	3751	4	1	0	11	30	45	8	4	2	53	-5
Grade 6	Reading	Madison	236	0	1	0	19	33	41	6			47	
Grade 6	Reading	Wisconsin	3461	5	1	0	13	27	46	7	6	-1	53	-6
Grade 7	Reading	Madison	260	0	2	0	15	27	50	7			57	
Grade 7	Reading	Wisconsin	3383	5	1	0	13	24	49	8	2	-1	57	0
Grade 8	Reading	Madison	230	0	1	0	20	23	47	8			55	
Grade 8	Reading	Wisconsin	3181	5	1	0	15	21	49	8	5	0	57	-2
Grade 10	Reading	Madison	193	4	1	0	36	30	25	5			30	
Grade 10	Reading	Wisconsin	2451	9	2	0	27	34	24	5	9	0	29	1
Grade 3	Mathematics	Madison	365	0	1	0	28	15	41	16			57	
Grade 3	Mathematics	Wisconsin	4740	0	1	0	25	15	44	15	3	1	59	-2
Grade 4	Mathematics	Madison	287	0	2	0	25	13	44	16			60	
Grade 4	Mathematics	Wisconsin	4272	0	1	0	21	15	47	16	4	0	63	-3
Grade 5	Mathematics	Madison	268	0	2	0	24	19	38	18			56	
Grade 5	Mathematics	Wisconsin	3751	0	1	0	25	15	40	19	-1	-1	59	-3
Grade 6	Mathematics	Madison	236	0	1	0	39	23	30	6			36	
Grade 6	Mathematics	Wisconsin	3461	0	1	0	29	18	40	11	10	5	51	-15
Grade 7	Mathematics	Madison	260	0	2	0	22	21	47	8			55	
Grade 7	Mathematics	Wisconsin	3383	0	1	0	21	22	47	9	1	-1	56	-1
Grade 8	Mathematics	Madison	230	0	1	0	23	24	46	6			52	
Grade 8	Mathematics	Wisconsin	3181	1	1	0	20	26	46	7	3	-1	53	-1
Grade 10	Mathematics	Madison	193	4	1	0	47	22	25	1			26	
Grade 10	Mathematics	Wisconsin	2451	2	2	0	40	26	29	2	7	-1	31	-5

Among non-native English speaking students, the students from the MMSD score at roughly equivalent rates in the highest proficiency level category - Advanced - in both reading and math when compared with other non-native English speakers across the state.

Among not-native English speaking students, a consistently higher percentage of MMSD students perform at the lowest proficiency level on the WKCE tests - Minimal - than do other non-native English speaking students across the state as a whole. This is the case in both reading and math. The difference is higher in reading than mathematics.



READING

- 0.1 = Average Difference in Advanced Across All Grades
- 3.1 = Average Difference in Proficient or Higher Across All Grades
- 5.6 = Average Difference in Minimal Across All Grades

MATHEMATICS

- 1.1 = Average Difference in Advanced Across All Grades
- 4.3 = Average Difference in Proficient or Higher Across All Grades
- 3.9 = Average Difference in Minimal Across All Grades

Principal/IRT Professional Development Meeting

WKCE DATA ANALYSIS WORKSHOP

May 1, 2009

Olson Elementary School, Rooms 135 & 136

Key Outcomes:

- Be able to navigate Turnleaf to “mine” information from a school’s WKCE data.
- Based upon a school’s questions, customize analysis through Turnleaf’s tools.
- Demonstrate a way to “close the data loop” by connecting test results to a school’s instructional practices.
- Develop a plan to share data with school’s staff.

- 8:15 Welcome!
 Overview of morning’s work
- 8:30 WKCE Data on WINSS: Common Questions
- 8:45 WKCE Test Item Experience
- What do students experience in taking the test?
 - Why is this important in understanding the data? a school’s test preparation practices?
- 9:00 Navigating Turnleaf: Basics of the Tool
- How is the analysis tool designed?
 - How can I use the tool to answer questions?
 - How can I best discern trends and patterns?
- 9:15 Navigating Turnleaf: Proficiency Summary and Longitudinal Data

- How did a school/groups of students perform this fall?
- How has a school/groups of students performed over time?

9:30 Navigating Turnleaf: Analysis by Standards

- How do reading and math results break down by standards?
- What might these findings mean for instruction?

9:45 Navigating Turnleaf: Analysis by Items

- How do standards break down by test items?
- What might these findings mean for instruction

10:00 BREAK

10:15 Customized Analysis/Consultation with Instructional Expertise

11:00 Planning: How to share the data with your staff?

11:15 Next Steps

Adjourn