



Using State Data

To Identify

School Improvement Goals



Data Narrative Statements:

- Are objective statements of **FACT** about the school data
- Represent student achievement, demographics, school programs, school processes, and stakeholder perceptions
- Communicate a **SINGLE** idea
- Are clear and concise – written in sentences or phrases
- Describe the data; they do not evaluate the data!
- **MUST** stand alone; they do not require the data source to accompany them in order to be understandable.



Test your understanding:

1. The 2008 6th grade MEAP Math Assessment shows that our boys know how to do math a lot better than our girls do.
2. The 2008 6th grade MEAP Math Assessment shows that 89% of our students were proficient and 11% were not proficient.
3. The 2008 6th grade MEAP Math Assessment shows that 75% of our students with IEPS were not proficient. This works out to be 24 of our 32 students with IEPS were not proficient.
4. The 2008 6th grade MEAP Math Assessment shows that we really need a new math series.
5. The 2008 6th grade MEAP Math Assessment shows a trend of improvement over the past three years.
6. The 2008 6th grade MEAP Math Assessment shows that 89% of our students are proficient; the 2008 7th grade MEAP Math Assessment shows that 84% of our students are proficient; and, the 2008 8th grade MEAP Math Assessment shows that 73% of our students are proficient.
7. Parents do not like the math program.



Building: Content Area Proficiency

Year:	District/Building:					
	% Proficient	% Proficient	% Proficient	AYP Target	% Proficient	AYP Target
Content Area	Reading	Writing	Total ELA	ELA	Math	Math
Overall Building – All Students						
Grade 3						
Grade 4						
Grade 5						
Grade 6						
Grade 7						
Grade 8						

C-A

Which grade level(s) is not meeting the criteria for grade level proficiency?

What do we need to know more about?



Building: Content Area Proficiency

Year:	District/Building:					
	% Proficient	% Proficient	% Proficient	% Proficient	AYP Target	% Proficient
Content Area	Reading	Writing	Total ELA	ELA		Math
Overall Building – All Students						
Grade 3						
Grade 4						
Grade 5						
Grade 6						
Grade 7						
Grade 8						

C-5

Which grade level(s) is not meeting the criteria for grade level proficiency?

What do we need to know more about?

Building: Content Area Proficiency

Year:	District/Building:					
	% Proficient	% Proficient	% Proficient	AYP Target	% Proficient	AYP Target
Content Area	Reading	Writing	Total ELA	ELA	Math	Math
Overall Building – All Students						
Grade 3						
Grade 4						
Grade 5						
Grade 6						
Grade 7						
Grade 8						

C-6

Which grade level(s) is not meeting the criteria for grade level proficiency?

What do we need to know more about?



Building: Content Area Proficiency

Year:	District/Building:					
	% Proficient	% Proficient	% Proficient	AYP Target	% Proficient	AYP Target
Content Area	Reading	Writing	Total ELA	ELA	Math	Math
Overall Building - All Students						
Grade 3						
Grade 4						
Grade 5						
Grade 6						
Grade 7						
Grade 8						

CH

Which grade level(s) is not meeting the criteria for grade level proficiency?

What do we need to know more about?



Overall Building Sub-Group Level Achievement

Grade	Reading		Writing		Total ELA		Total ELA		Math	
	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient
Content Area	Reading	Reading	Writing	Writing	Total ELA	Total ELA	Total ELA	Total ELA	Math	Math
American Indian or Alaska Native										
Black or African American										
Hispanic or Latino										
White										
Asian American, Native Hawaiian or other Pacific Islander										
Multiracial										
Economically Disadvantaged										
Students with Disabilities										
Limited English Proficient										
Non AYP-Migrant										

C-8





Grade	Reading		Writing		Total ELA		AYP Target	Math		AYP Target
	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient		Number of Students	% Proficient	
Content Area	Reading	Reading	Writing	Writing	Total ELA	Total ELA	ELA	Math	Math	Math
Non AYP- Homeless										
Non AYP- Gender Male										
Non AYP- Gender Female										
Formerly Limited English Proficient										

5





Overall Building Sub-Group Level Achievement

Grade	Reading		Writing		Total ELA		Total ELA		AYP Target	AYP Target
	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient		
Content Area	Reading	Reading	Writing	Writing	Total ELA	Total ELA	Math	Math	ELA	Math
American Indian or Alaska Native										
Black or African American										
Hispanic or Latino										
White										
Asian American, Native Hawaiian or other Pacific Islander										
Multiracial										
Economically Disadvantaged										
Students with Disabilities										
Limited English Proficient										
Non AYP-Migrant										

C-10

10/08





Grade	Reading		Writing		Total ELA		AYP Target	Math		AYP Target
	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient		Number of Students	% Proficient	
Content Area	Reading	Reading	Writing	Writing	Total ELA	Total ELA	ELA	Math	Math	Math
Non AYP- Homeless										
Non AYP- Gender Male										
Non AYP- Gender Female										
Formerly Limited English Proficient										

C-11



Overall Building Sub-Group Level Achievement



Grade	Reading		Writing		Total ELA		Total ELA		AYP Target	Math		AYP Target
	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient		Number of Students	% Proficient	
Content Area	Reading	Reading	Writing	Writing	Total ELA	Total ELA	Total ELA	Total ELA	ELA	Math	Math	Math
American Indian or Alaska Native												
Black or African American												
Hispanic or Latino												
White												
Asian American, Native Hawaiian or other Pacific Islander												
Multiracial												
Economically Disadvantaged												
Students with Disabilities												
Limited English Proficient												
Non AYP-Migrant												

C-12

10/08





Grade	Reading		Writing		Total ELA		AYP Target	Math		AYP Target
	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient		Number of Students	% Proficient	
Content Area	Reading	Reading	Writing	Writing	Total ELA	Total ELA	ELA	Math	Math	Math
Non AYP- Homeless										
Non AYP- Gender Male										
Non AYP- Gender Female										
Formerly Limited English Proficient										

C-13





Overall Building Sub-Group Level Achievement

Grade	Reading		Writing		Total ELA		Total ELA		AYP Target	AYP Target
	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient		
Content Area	Reading	Reading	Writing	Writing	Total ELA	Total ELA	Math	Math	ELA	Math
American Indian or Alaska Native										
Black or African American										
Hispanic or Latino										
White										
Asian American, Native Hawaiian or other Pacific Islander										
Multiracial										
Economically Disadvantaged										
Students with Disabilities										
Limited English Proficient										
Non AYP-Migrant										

C-14





Grade	Number of Students		% Proficient		Number of Students	% Proficient		AYP Target
	Reading	Writing	Reading	Writing		Math	Math	
Content Area	Reading	Writing	Reading	Writing	Math	Math	Math	Math
Non AYP- Homeless								
Non AYP- Gender Male								
Non AYP- Gender Female								
Formerly Limited English Proficient								

C-45





Practice:

1. Take a look at the following subgroup data and, with a partner, write two data narrative statements.
2. Share your data narrative statements with another pair – 2 minutes per statement. Check against your Data Narrative Statement sheet and provide feedback to one another.

1.	
2.	

C-16

Sub-Group Level Achievement: Choose sub-group for analysis

Year	Group:										
	Grade	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	AYP Target
	Content Area	Reading	Reading	Writing	Writing	Total ELA	Total ELA	Total ELA	ELA	Math	Math
	Building										
	3										
	4										
	5										
	6										
	7										
	8										

*Inquiry used: MEAP Proficiency

10/08

C-17



Sub-Group Level Achievement: Choose sub-group for analysis

Year	Group:									
	Grade	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	AYP Target
Content Area	Reading	Reading	Writing	Total ELA	Total ELA	ELA	Math	Math	Math	Math
Building										
3										
4										
5										
6										
7										
8										

*Inquiry used: MEAP Proficiency

10/08

C-18



Sub-Group Level Achievement: Choose sub-group for analysis

Year	Group:									
	Grade	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	AYP Target
Content Area	Reading	Reading	Reading	Writing	Writing	Total ELA	Total ELA	ELA	Math	Math
Building										
3										
4										
5										
6										
7										
8										

*Inquiry used: MEAP Proficiency

10/08



Sub-Group Level Achievement: Choose sub-group for analysis

Year	Group:							
	Grade	Number of Students	% Proficient	Number of Students	% Proficient	Number of Students	% Proficient	AYP Target
Content Area	Reading	Reading	Writing	Total ELA	Total ELA	Math	Math	Math
Building								
3								
4								
5								
6								
7								
8								

*Inquiry used: MEAP Proficiency

10/08

Michigan Annual AYP Objectives

School Year	English Language Arts						
	Grade						
	3	4	5	6	7	8	11
2001-02		38%				31%	42%
2002-03		38%				31%	42%
2003-04		38%				31%	42%
2004-05		48%				43%	52%
2005-06	50%	48%	46%	45%	43%	41%	52%
2006-07	50%	48%	46%	45%	43%	41%	52%
2007-08	60%	59%	57%	56%	54%	53%	61%
2008-09	60%	59%	57%	56%	54%	53%	61%
2009-10	60%	59%	57%	56%	54%	53%	61%
2010-11	70%	69%	68%	67%	66%	65%	71%
2011-12	80%	79%	79%	78%	77%	77%	81%
2012-13	90%	90%	90%	89%	89%	89%	90%
2013-14	100%	100%	100%	100%	100%	100%	100%

School Year	Mathematics						
	Grade						
	3	4	5	6	7	8	11
2001-02		47%				31%	33%
2002-03		47%				31%	33%
2003-04		47%				31%	33%
2004-05		56%				43%	44%
2005-06	59%	56%	53%	50%	46%	43%	44%
2006-07	59%	56%	53%	50%	46%	43%	44%
2007-08	67%	65%	62%	60%	57%	54%	55%
2008-09	67%	65%	62%	60%	57%	54%	55%
2009-10	67%	65%	62%	60%	57%	54%	55%
2010-11	75%	74%	71%	70%	67%	66%	67%
2011-12	83%	82%	81%	80%	78%	77%	78%
2012-13	91%	91%	90%	90%	89%	89%	89%
2013-14	100%	100%	100%	100%	100%	100%	100%

**MEAP Score Categories and Scale Score Ranges
Fall 2008 – Grades 3 – 9**

Subject	Grade	Level 4		Level 3		Level 2		Level 1	
		Not Proficient	Partially Proficient	Proficient	Advanced	Not Proficient	Partially Proficient	Proficient	Advanced
Mathematics	3	198 - 278	279 - 299	300 - 326	327 - 416				
	4	276 - 377	378 - 399	400 - 431	432 - 538				
	5	353 - 476	477 - 499	500 - 526	527 - 658				
	6	472 - 579	580 - 599	600 - 621	622 - 757				
	7	572 - 675	676 - 699	700 - 721	722 - 857				
	8	682 - 783	784 - 799	800 - 819	820 - 955				
	3	196 - 279	280 - 299	300 - 337	338 - 419				
	4	284 - 372	373 - 399	400 - 442	443 - 526				
Reading	5	386 - 481	482 - 499	500 - 537	538 - 619				
	6	493 - 579	580 - 599	600 - 637	638 - 717				
	7	577 - 683	684 - 699	700 - 737	738 - 825				
	8	679 - 779	780 - 799	800 - 833	834 - 916				
	3	254 - 273	274 - 299	300 - 356	357 - 409				
	4	345 - 351	352 - 399	400 - 453	454 - 500				
	5	450 - 466	467 - 499	500 - 559	560 - 613				
	6	561 - 578	579 - 599	600 - 654	655 - 664				
Writing	7	652 - 675	676 - 699	700 - 762	763 - 768				
	8	753 - 782	783 - 799	800 - 844	845 - 862				
	3	215 - 276	277 - 299	300 - 341	342 - 416				
	4	304 - 368	369 - 399	400 - 445	446 - 518				
	5	407 - 474	475 - 499	500 - 542	543 - 617				
	6	516 - 573	574 - 599	600 - 641	642 - 699				
	7	602 - 678	679 - 699	700 - 744	745 - 806				
	8	704 - 777	778 - 799	800 - 837	838 - 898				
Science	5	346 - 475	476 - 499	500 - 532	533 - 664				
	8	659 - 780	781 - 799	800 - 831	832 - 961				
Social Studies	6	471 - 586	587 - 599	600 - 618	619 - 723				
	9	765 - 880	881 - 899	900 - 928	929 - 1037				

C-22

Michigan Educational Assessment Program
Score Categories and Scale Score Ranges
 Fall 2007
 Grades 3-9

Please see Scale Score and Performance Level definitions on page 4 of the Fall 2007 Guide to Reports.

Subject	Grade	Level 4		Level 3		Level 2		Level 1	
		Not Proficient	Partially Proficient	Proficient	Advanced	Proficient	Advanced	Proficient	Advanced
Mathematics	3	171 - 278	279 - 299	300 - 326	327 - 412				
	4	257 - 377	378 - 399	400 - 431	432 - 540				
	5	347 - 476	477 - 499	500 - 526	527 - 658				
	6	459 - 579	580 - 599	600 - 621	622 - 751				
	7	560 - 675	676 - 699	700 - 721	722 - 851				
	8	663 - 783	784 - 799	800 - 819	820 - 964				
	3	193 - 279	280 - 299	300 - 337	338 - 411				
	4	277 - 372	373 - 399	400 - 442	443 - 519				
Reading	5	382 - 481	482 - 499	500 - 537	538 - 613				
	6	494 - 579	580 - 599	600 - 637	638 - 716				
	7	578 - 683	684 - 699	700 - 737	738 - 818				
	8	678 - 779	780 - 799	800 - 833	834 - 910				
	3	193 - 273	274 - 299	300 - 356	357 - 409				
	4	281 - 368	369 - 399	400 - 453	454 - 500				
	5	395 - 461	462 - 499	500 - 553	554 - 613				
	6	504 - 578	579 - 599	600 - 654	655 - 722				
Writing	7	597 - 675	676 - 699	700 - 762	763 - 821				
	8	693 - 782	783 - 799	800 - 844	845 - 926				
	3	193 - 276	277 - 299	300 - 341	342 - 410				
	4	281 - 368	369 - 399	400 - 445	446 - 513				
	5	386 - 474	475 - 499	500 - 542	543 - 613				
	6	497 - 573	574 - 599	600 - 641	642 - 718				
	7	584 - 678	679 - 699	700 - 744	745 - 819				
	8	683 - 777	778 - 799	800 - 837	838 - 915				
Science	5	342 - 475	476 - 499	500 - 532	533 - 659				
	8	661 - 780	781 - 799	800 - 831	832 - 694				
Social Studies	6	475 - 586	587 - 599	600 - 618	619 - 727				
	9	763 - 880	881 - 899	900 - 928	929 - 1051				

Michigan Educational Assessment Program
Score Categories and Scale Score Ranges
 Fall 2006
 Grades 3-9

Please see Scale Score and Performance Level definitions on page 4 of the Fall 2006 Guide to Reports.

Subject	Grade	Level 4		Level 3		Level 2		Level 1	
		Apprentice	Basic	Met Standards	Exceeded Standards				
Mathematics	3	188 - 278	279 - 299	300 - 326	327 - 406				
	4	270 - 377	378 - 399	400 - 431	432 - 533				
	5	353 - 476	477 - 499	500 - 526	527 - 662				
	6	465 - 579	580 - 599	600 - 621	622 - 755				
	7	564 - 675	676 - 699	700 - 721	722 - 844				
	8	668 - 783	784 - 799	800 - 819	820 - 957				
	3	188 - 279	280 - 299	300 - 337	338 - 628				
	4	280 - 372	373 - 399	400 - 442	443 - 656				
Reading	5	386 - 481	482 - 499	500 - 537	538 - 659				
	6	487 - 579	580 - 599	600 - 637	638 - 824				
	7	578 - 683	684 - 699	700 - 737	738 - 900				
	8	677 - 779	780 - 799	800 - 833	834 - 955				
	3	167 - 270	271 - 299	300 - 348	349 - 463				
	4	283 - 361	362 - 399	400 - 450	451 - 546				
	5	376 - 461	462 - 499	500 - 553	554 - 650				
	6	479 - 562	563 - 599	600 - 649	650 - 745				
Writing	7	580 - 668	669 - 699	700 - 757	758 - 837				
	8	688 - 773	774 - 799	800 - 845	846 - 928				
	3	181 - 276	277 - 299	300 - 341	342 - 573				
	4	281 - 368	369 - 399	400 - 445	446 - 619				
	5	383 - 474	475 - 499	500 - 542	543 - 656				
	6	484 - 573	574 - 599	600 - 641	642 - 798				
	7	579 - 678	679 - 699	700 - 744	745 - 879				
	8	681 - 777	778 - 799	800 - 837	838 - 946				
Science	5	360 - 475	476 - 499	500 - 532	533 - 661				
	8	658 - 780	781 - 799	800 - 831	832 - 954				
Social Studies	6	475 - 586	587 - 599	600 - 618	619 - 741				
	9	768 - 880	881 - 899	900 - 928	929 - 1060				

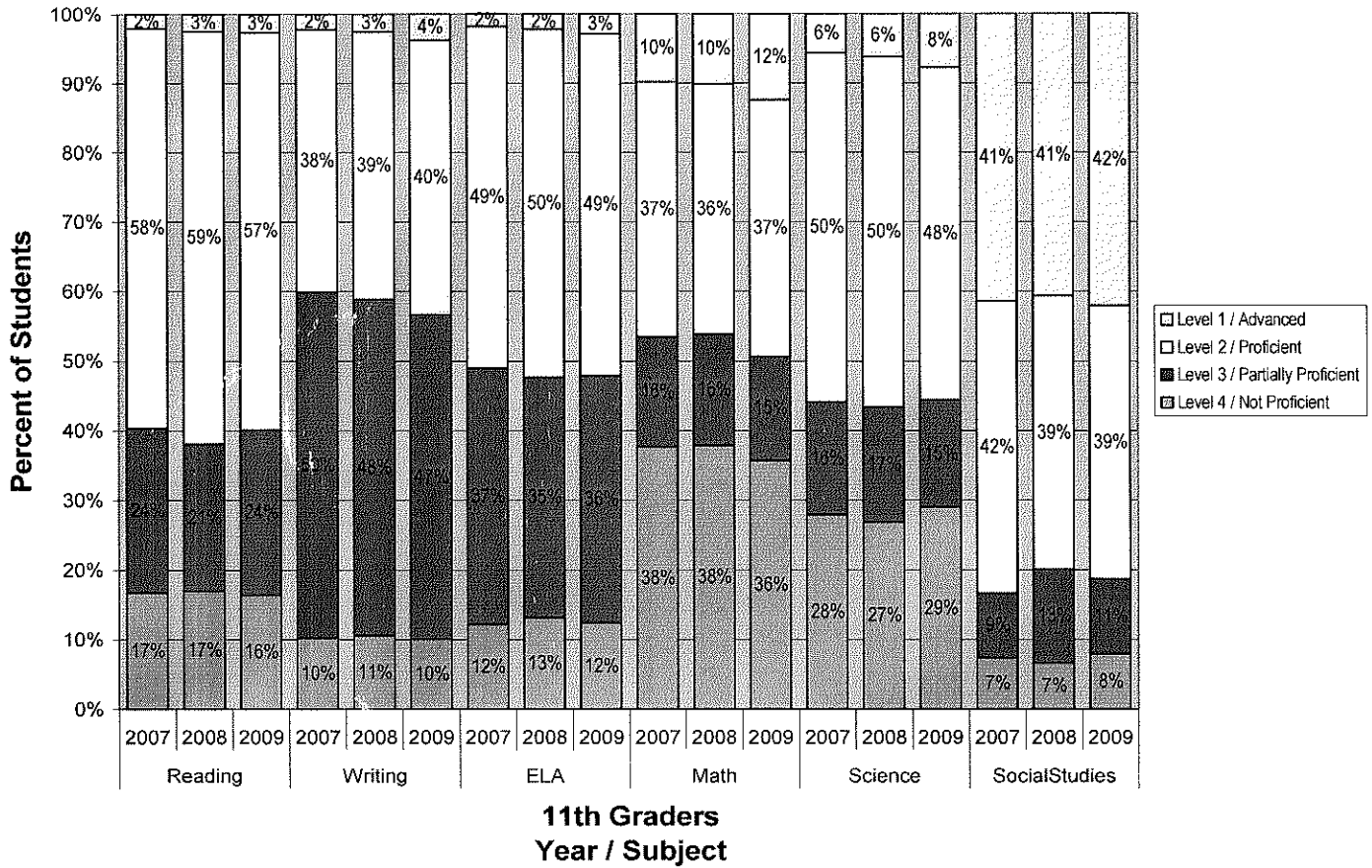
Michigan Educational Assessment Program
Score Categories and Scale Score Ranges
 Fall 2005
 Grades 3-9

Please see Scale Score and Performance Level definitions on page 4 of the Fall 2005 Guide to Reports.

Subject	Grade	Level 4		Level 3		Level 2		Level 1	
		Apprentice	Basic	Met Standards	Exceeded Standards				
Mathematics	3	179 - 278	279 - 299	300 - 326	327 - 400				
	4	252 - 377	378 - 399	400 - 431	432 - 524				
	5	335 - 476	477 - 499	500 - 526	527 - 654				
	6	449 - 579	580 - 599	600 - 621	622 - 742				
	7	546 - 675	676 - 699	700 - 721	722 - 841				
	8	636 - 783	784 - 799	800 - 819	820 - 952				
	3	186 - 279	280 - 299	300 - 337	338 - 471				
	4	269 - 372	373 - 399	400 - 442	443 - 622				
Reading	5	379 - 481	482 - 499	500 - 537	538 - 647				
	6	477 - 579	580 - 599	600 - 637	638 - 765				
	7	566 - 683	684 - 699	700 - 737	738 - 863				
	8	670 - 779	780 - 799	800 - 833	834 - 937				
	3	206 - 270	271 - 299	300 - 348	349 - 461				
	4	284 - 361	362 - 399	400 - 450	451 - 561				
	5	381 - 461	462 - 499	500 - 553	554 - 630				
	6	494 - 562	563 - 599	600 - 649	650 - 723				
Writing	7	600 - 668	669 - 699	700 - 757	758 - 816				
	8	702 - 773	774 - 799	800 - 845	846 - 905				
	3	193 - 276	277 - 299	300 - 341	342 - 468				
	4	274 - 368	369 - 399	400 - 445	446 - 602				
	5	380 - 474	475 - 499	500 - 542	543 - 641				
	6	483 - 573	574 - 599	600 - 641	642 - 751				
	7	577 - 678	679 - 699	700 - 744	745 - 847				
	8	681 - 777	778 - 799	800 - 837	838 - 926				
Science	5	357 - 475	476 - 499	500 - 532	533 - 659				
	8	656 - 780	781 - 799	800 - 831	832 - 959				
Social Studies	6	479 - 586	587 - 599	600 - 618	619 - 734				
	9	775 - 880	881 - 899	900 - 928	929 - 1053				

C-25

SPRING 2009 MICHIGAN MERIT EXAM (MME) Statewide Public Results



Subject	Year	Number of Students Assessed	Level 4 / Not Proficient	Level 3 / Partially Proficient	Level 2 / Proficient	Level 1 / Advanced	Levels 1 & 2 / Proficient or Above	Mean Scale Score
Reading	2007	113,956	17%	24%	58%	2%	60%	1104
	2008	113,842	17%	21%	59%	3%	62%	1105
	2009	111,804	16%	24%	57%	3%	60%	1106
Writing	2007	111,479	10%	50%	38%	2%	40%	1089
	2008	112,954	11%	48%	39%	3%	41%	1090
	2009	112,677	10%	47%	40%	4%	44%	1091
Total ELA	2007	111,000	12%	37%	49%	2%	51%	1097
	2008	112,506	13%	35%	50%	2%	52%	1098
	2009	111,573	12%	36%	49%	3%	52%	1099
Mathematics	2007	113,839	38%	16%	37%	10%	46%	1093
	2008	113,234	38%	16%	36%	10%	46%	1093
	2009	110,876	36%	15%	37%	12%	49%	1094
Science	2007	113,630	28%	16%	50%	6%	56%	1098
	2008	113,180	27%	17%	50%	6%	57%	1099
	2009	111,346	29%	15%	48%	8%	56%	1099
Social Studies	2007	113,718	7%	9%	42%	41%	83%	1124
	2008	114,125	7%	13%	39%	41%	80%	1123
	2009	111,455	8%	11%	39%	42%	81%	1127

C-26

Michigan Merit Examination (MME)
Score Categories and Scale Score Ranges

Spring 2009

SUBJECT	Level 4 Not Proficient	Level 3 Partially Proficient	Level 2 Proficient	Level 1 Advanced
MATHEMATICS	(950-1088)	(1089-1099)	(1100-1127)	(1128-1250)
SCIENCE	(950-1086)	(1087-1099)	(1100-1142)	(1143-1250)
SOCIAL STUDIES	(950-1085)	(1086-1099)	(1100-1128)	(1129-1250)
ENGLISH LANGUAGE ARTS	Reading	(1078-1099)	(1100-1157)	(1158-1250)
	Writing	(1051-1099)	(1100-1145)	(1146-1250)
	Total ELA*	(1065-1099)	(1100-1151)	(1152-1250)

*The Total ELA scale score is the arithmetic average of the reading scale score and the writing scale score.

C-27

Michigan Merit Examination (MME)
Score Categories and Scale Score Ranges

Spring 2008

SUBJECT		Level 4 Not Proficient	Level 3 Partially Proficient	Level 2 Proficient	Level 1 Advanced
MATHEMATICS		(950-1088)	(1089-1099)	(1100-1127)	(1128-1250)
SCIENCE		(950-1086)	(1087-1099)	(1100-1142)	(1143-1250)
SOCIAL STUDIES		(950-1085)	(1086-1099)	(1100-1128)	(1129-1250)
ENGLISH LANGUAGE ARTS	Reading	(950-1077)	(1078-1099)	(1100-1157)	(1158-1250)
	Writing	(950-1050)	(1051-1099)	(1100-1145)	(1146-1250)
	Total ELA*	(950-1064)	(1065-1099)	(1100-1151)	(1152-1250)

*The Total ELA scale score is the average of the reading and writing scale scores.

**Michigan Merit Examination
Score Categories and Scale Score Ranges**

Spring 2007

SUBJECT	Grade 11	Level 4 Apprentice	Level 3 At Basic Level	Level 2 Met Michigan Standards	Level 1 Exceeded Michigan Standards
MATHEMATICS	Grade 11	(950-1088)	(1089-1099)	(1100-1127)	(1128-1250)
SCIENCE	Grade 11	(950-1086)	(1087-1099)	(1100-1142)	(1143-1250)
SOCIAL STUDIES	Grade 11	(950-1085)	(1086-1099)	(1100-1128)	(1129-1250)
ENGLISH LANGUAGE ARTS	Grade 11 Reading	(950-1077)	(1078-1099)	(1100-1157)	(1158-1250)
	Grade 11 Writing	(950-1050)	(1051-1099)	(1100-1145)	(1146-1250)
	Grade 11 Total ELA*	(950-1064)	(1065-1099)	(1100-1151)	(1152-1250)

*The Total ELA scale score is the average of the reading and writing scale scores.

C-29



DATA NARRATIVE STATEMENTS

Date _____
Building _____
Data Team _____

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	

C-30