STATE SUMMARY REPORT

All Students

Grade 11
Spring 2011

MME READING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1077)	(1078-1099)	(1100-1157)	(1158-1250)	(1100-1250)
2011	107,995	1107	1107-1107	14%	22%	60%	3%	63%
2010	109,617	1108	1108-1108	14%	21%	62%	3%	65%
2009	111,804	1106	1106-1106	16%	24%	57%	3%	60%
2008	113,642	1105	1105-1105	17%	21%	59%	3%	62%
2007	113,956	1104	1104-1104	17%	24%	58%	2%	60%

MME SCIENCE

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1086)	(1087-1099)	(1100-1142)	(1143-1250)	(1100-1250)
2011	107,653	1103	1103-1103	24%	15%	52%	9%	61%
2010	109,268	1101	1101-1101	27%	15%	49%	9%	58%
2009	111,346	1099	1099-1099	29%	15%	48%	8%	56%
2008	113,180	1099	1099-1099	27%	17%	50%	6%	57%
2007	113,630	1098	1098-1098	28%	16%	50%	6%	56%

MME WRITING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1050)	(1051-1099)	(1100-1145)	(1146-1250)	(1100-1250)
2011	108,590	1095	1094-1095	8%	45%	42%	5%	47%
2010	110,151	1092	1092-1092	8%	48%	40%	4%	44%
2009	112,677	1091	1091-1091	10%	47%	40%	4%	43%
2008	112,954	1090	1090-1090	11%	48%	39%	3%	41%
2007	111,479	1089	1089-1089	10%	50%	38%	2%	40%

MME SOCIAL STUDIES

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1085)	(1086-1099)	(1100-1128)	(1129-1250)	(1100-1250)
2011	107,757	1123	1123-1123	8%	15%	36%	41%	78%
2010	109,408	1123	1123-1123	7%	14%	42%	37%	79%
2009	111,455	1127	1127-1127	8%	11%	39%	42%	81%
2008	114,125	1123	1123-1123	7%	13%	39%	41%	80%
2007	113,718	1123	1123-1123	7%	9%	42%	41%	83%

MME MATHEMATICS

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1088)	(1089-1099)	(1100-1127)	(1128-1250)	(1100-1250)
2011	107,293	1094	1094-1094	33%	15%	39%	13%	52%
2010	108,932	1094	1094-1094	33%	16%	39%	11%	50%
2009	110,876	1094	1094-1094	36%	15%	37%	12%	49%
2008	113,234	1093	1093-1093	38%	16%	36%	10%	46%
2007	113,839	1093	1093-1093	38%	16%	37%	10%	46%

* Includes students who received valid scores.

** This is the likely range within which the true mean scale score would fall for the students listed on this report.

Due to rounding, percentages might not total 100%.

STATE SUMMARY REPORT

All Students

MICHIGAN Department of Education

mme™ Michigan Merit Examination

Grade 11
Spring 2011

Subscore	No. of Students Assessed	Mean Points	Points Possible	Percent of Students Scoring in Each Raw Score Range												
MME Reading	**107,995**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**
R2.1 Strategy Development		10.8	18	0	0	1	2	3	4	6	14	16	17	16	13	7
R2.2 Meaning Beyond Literal		8.0	15	0	1	2	5	7	9	11	21	19	15	9	2	
R2.3 Independent Reading		7.7	12	0	0	1	2	4	7	12	37	30	7			
L3.1 Close Literature Reading		3.2	6	4	13	19	21	18	14	10						
MME Writing	**108,590**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**
W1.1 Writing Process		7.7	15	0	1	3	14	21	21	17	13	10				
W1.3 Purpose & Audience		15.7	27	0	0	0	1	2	4	6	10	23	26	20	8	0
ACT Writing*		6.6	12	0	0	4	9	33	46	8	0					
W1.4 Inquiry & Research		1.3	2	12	45	43										
LAN4.1 Effective Use of Language		7.4	13	0	1	3	14	21	23	20	14	3				
MME Mathematics	**107,293**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8-9**	**10-11**	**12-13**	**14-15**	**16-17**
L1 Reasoning about Numbers		2.7	6	5	18	26	23	15	9	4						
L2 Calculations, Algorithms		3.7	8	4	12	16	17	15	13	11	8	4				
L3 Math Reasoning, Logic & Proof		1.2	2	18	43	39										
A1 Expressions & Equations		5.5	11	1	5	9	11	12	12	12	11	17	9			
A2 Functions		2.1	5	12	25	27	21	11	4							
A3 Families of Functions		1.7	4	15	30	28	18	9								
G1 Figures & Properties		6.7	17	0	2	6	10	13	13	12	9	13	9	7	4	2
G2 Relationships between Figures		0.4	1	56	44											
G3 Transformations of Figures		1.2	2	18	40	41										
S1 Univariate Data: Distributions		2.0	3	5	22	42	31									
S2 Bivariate Data: Relationships		0.8	2	37	43	21										
S4 Probability Models, Operations		0.7	1	30	70											
MME Science	**107,653**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**	**19-20**	**21-22**
R1 Inquiry & Reflection		11.4	22	0	0	1	4	10	14	15	15	14	12	8	5	2
E2 Earth Systems		1.2	2	21	41	37										
E3 The Solid Earth		0.9	2	34	44	22										
E4 The Fluid Earth		1.0	2	27	44	28										
E5 Earth in Space & Time		0.9	2	31	46	23										
B2 Organization of Living Systems		1.2	2	18	41	41										
B3 Living Systems & Environment		1.1	2	24	41	35										
B4 Genetics		1.1	2	23	44	33										
B5 Evolution & Biodiversity		1.2	2	19	40	42										
P2 Motion of Objects		1.2	2	21	42	37										
P3 Forces & Motion		1.2	2	19	40	41										
P4a Energy Part a		1.0	2	29	39	32										
P4b Energy Part b		0.8	2	38	45	16										
C23 Energy Transfer & Conservation		1.2	2	20	39	41										
C4 Properties of Matter		0.9	2	32	43	25										
C5 Changes in Matter		0.9	2	32	44	24										
MME Social Studies	**107,757**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**		
World History & Geography		5.4	10	1	4	8	11	14	14	14	13	11	7	3		
US History & Geography		6.1	10	0	2	5	8	11	12	14	14	15	12	5		
Civics		3.6	6	4	11	15	17	18	19	17						
Economics		3.1	6	6	15	18	18	17	16	10						
Inquiry		3.1	6	2	9	22	29	23	12	3						

* The ACT Writing score is included in the W1.3 Purpose and Audience subscore data.

Due to rounding, percentages might not total 100%.

STATE SUMMARY REPORT

Students with Disabilities

MICHIGAN Department of Education

mme™ Michigan Merit Examination

Grade 11
Spring 2011

MME READING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1077)	(1078-1099)	(1100-1157)	(1158-1250)	(1100-1250)
2011	9,996	1075	1075-1075	47%	29%	23%	1%	24%
2010	10,056	1074	1073-1075	47%	29%	23%	0%	24%
2009	10,163	1073	1072-1074	49%	28%	23%	0%	23%
2008	10,548	1068	1067-1069	57%	24%	19%	0%	19%
2007	9,716	1068	1067-1069	57%	24%	19%	0%	19%

MME SCIENCE

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1086)	(1087-1099)	(1100-1142)	(1143-1250)	(1100-1250)
2011	9,914	1067	1066-1067	66%	15%	17%	2%	19%
2010	9,957	1063	1062-1064	70%	14%	16%	1%	17%
2009	10,091	1062	1061-1063	71%	13%	14%	1%	15%
2008	10,486	1063	1062-1064	70%	13%	16%	1%	17%
2007	9,667	1058	1057-1059	73%	12%	15%	1%	15%

MME WRITING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1050)	(1051-1099)	(1100-1145)	(1146-1250)	(1100-1250)
2011	9,972	1054	1053-1054	32%	58%	10%	0%	10%
2010	10,127	1052	1051-1053	33%	58%	9%	0%	9%
2009	10,231	1050	1049-1051	36%	55%	9%	0%	9%
2008	10,342	1052	1051-1053	46%	48%	6%	0%	7%
2007	8,881	1049	1048-1050	47%	47%	6%	0%	6%

MME SOCIAL STUDIES

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1085)	(1086-1099)	(1100-1128)	(1129-1250)	(1100-1250)
2011	10,012	1101	1101-1101	25%	29%	35%	11%	46%
2010	10,035	1102	1102-1102	26%	24%	37%	12%	49%
2009	10,163	1102	1102-1102	23%	27%	36%	13%	49%
2008	10,698	1099	1099-1099	27%	31%	32%	9%	41%
2007	9,502	1098	1098-1098	32%	25%	35%	8%	43%

MME MATHEMATICS

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1088)	(1089-1099)	(1100-1127)	(1128-1250)	(1100-1250)
2011	9,889	1053	1053-1054	79%	10%	10%	1%	11%
2010	9,924	1055	1054-1056	78%	11%	10%	1%	11%
2009	10,032	1056	1055-1057	81%	9%	9%	1%	10%
2008	10,472	1058	1057-1059	83%	8%	8%	1%	8%
2007	9,675	1057	1056-1058	83%	8%	8%	1%	9%

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STATE SUMMARY REPORT

Students with Disabilities

MICHIGAN Department of Education

mme™ Michigan Merit Examination

Grade 11
Spring 2011

Subscore	No. of Students Assessed	Mean Points	Points Possible	Percent of Students Scoring in Each Raw Score Range												
MME Reading	**9,996**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**
R2.1 Strategy Development		6.8	18	0	1	3	7	11	14	15	23	13	6	4	2	1
R2.2 Meaning Beyond Literal		5.9	15	0	1	5	10	15	18	16	19	9	4	2	0	
R2.3 Independent Reading		6.4	12	0	2	4	6	10	13	16	29	15	4			
L3.1 Close Literature Reading		2.4	6	9	21	25	22	14	7	2						
MME Writing	**9,972**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**
W1.1 Writing Process		5.1	15	1	4	10	31	28	15	7	3	2				
W1.3 Purpose & Audience		11.2	27	0	0	0	3	10	16	18	17	19	11	5	1	0
ACT Writing*		4.8	12	0	0	21	26	33	18	2	0					
W1.4 Inquiry & Research		0.7	2	41	45	14										
LAN4.1 Effective Use of Language		4.8	13	1	5	10	34	28	14	5	2	0				
MME Mathematics	**9,889**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8-9**	**10-11**	**12-13**	**14-15**	**16-17**
L1 Reasoning about Numbers		2.3	6	6	22	31	24	11	4	1						
L2 Calculations, Algorithms		2.2	8	12	25	27	18	10	4	2	1	0				
L3 Math Reasoning, Logic & Proof		0.9	2	33	45	22										
A1 Expressions & Equations		3.3	11	5	15	21	19	15	10	6	4	4	1			
A2 Functions		1.2	5	27	38	23	9	3	1							
A3 Families of Functions		1.1	4	31	39	22	7	1								
G1 Figures & Properties		4.7	17	1	4	11	17	19	16	12	8	7	3	1	1	0
G2 Relationships between Figures		0.2	1	77	23											
G3 Transformations of Figures		0.7	2	46	42	12										
S1 Univariate Data: Distributions		1.5	3	18	34	31	17									
S2 Bivariate Data: Relationships		0.5	2	55	37	7										
S4 Probability Models, Operations		0.4	1	63	37											
MME Science	**9,914**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**	**19-20**	**21-22**
R1 Inquiry & Reflection		7.6	22	0	0	2	14	26	25	16	8	4	2	1	1	0
E2 Earth Systems		1.0	2	31	43	27										
E3 The Solid Earth		0.7	2	43	42	15										
E4 The Fluid Earth		1.2	2	21	38	40										
E5 Earth in Space & Time		0.8	2	39	44	16										
B2 Organization of Living Systems		0.8	2	37	48	15										
B3 Living Systems & Environment		0.8	2	38	42	20										
B4 Genetics		0.8	2	39	42	19										
B5 Evolution & Biodiversity		0.8	2	38	48	14										
P2 Motion of Objects		0.8	2	37	46	17										
P3 Forces & Motion		0.7	2	41	44	14										
P4a Energy Part a		0.7	2	45	41	14										
P4b Energy Part b		0.6	2	50	37	13										
C23 Energy Transfer & Conservation		0.7	2	41	46	13										
C4 Properties of Matter		0.7	2	42	42	16										
C5 Changes in Matter		0.7	2	43	42	15										
MME Social Studies	**10,012**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**		
World History & Geography		4.0	10	2	8	16	19	17	14	9	7	4	2	1		
US History & Geography		4.6	10	1	6	12	16	18	15	12	8	6	4	2		
Civics		2.3	6	10	23	26	18	11	7	4						
Economics		2.0	6	13	27	27	17	9	5	2						
Inquiry		2.2	6	8	23	28	23	12	4	1						

* The ACT Writing score is included in the W1.3 Purpose and Audience subscore data.

Due to rounding, percentages might not total 100%.

STATE SUMMARY REPORT

All Except Students with Disabilities

MICHIGAN Department of Education

mme™ Michigan Merit Examination

Grade 11
Spring 2011

MME READING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1077)	(1078-1099)	(1100-1157)	(1158-1250)	(1100-1250)
2011	97,999	1111	1110-1111	11%	22%	64%	4%	67%
2010	99,561	1111	1111-1111	10%	20%	66%	3%	69%
2009	101,641	1109	1109-1109	13%	23%	61%	3%	64%
2008	103,094	1109	1109-1109	13%	21%	64%	3%	66%
2007	104,240	1107	1107-1107	13%	24%	61%	2%	63%

MME SCIENCE

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1086)	(1087-1099)	(1100-1142)	(1143-1250)	(1100-1250)
2011	97,739	1107	1107-1107	20%	15%	55%	10%	65%
2010	99,311	1104	1104-1104	23%	15%	52%	10%	62%
2009	101,255	1103	1103-1103	25%	16%	51%	8%	60%
2008	102,694	1102	1102-1102	23%	17%	54%	7%	61%
2007	103,963	1102	1102-1102	24%	17%	54%	6%	60%

MME WRITING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1050)	(1051-1099)	(1100-1145)	(1146-1250)	(1100-1250)
2011	98,618	1099	1099-1099	5%	44%	45%	5%	51%
2010	100,024	1096	1096-1096	5%	47%	43%	4%	47%
2009	102,446	1095	1095-1095	8%	46%	43%	4%	47%
2008	102,612	1093	1093-1093	7%	48%	42%	3%	45%
2007	102,598	1093	1093-1093	7%	50%	41%	2%	43%

MME SOCIAL STUDIES

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1085)	(1086-1099)	(1100-1128)	(1129-1250)	(1100-1250)
2011	97,745	1125	1125-1125	6%	13%	37%	44%	81%
2010	99,373	1125	1125-1125	5%	13%	42%	40%	82%
2009	101,292	1129	1129-1129	6%	9%	39%	45%	84%
2008	103,427	1126	1126-1126	5%	12%	40%	44%	84%
2007	104,216	1126	1126-1126	5%	8%	43%	44%	87%

MME MATHEMATICS

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1088)	(1089-1099)	(1100-1127)	(1128-1250)	(1100-1250)
2011	97,404	1098	1098-1098	28%	16%	42%	14%	56%
2010	99,008	1097	1097-1097	29%	17%	42%	12%	54%
2009	100,844	1098	1098-1098	31%	16%	40%	14%	53%
2008	102,762	1096	1096-1096	33%	17%	39%	11%	50%
2007	104,164	1096	1096-1096	33%	17%	39%	11%	50%

* Includes students who received valid scores.

** This is the likely range within which the true mean scale score would fall for the students listed on this report.

Due to rounding, percentages might not total 100%.

STATE SUMMARY REPORT

All Except Students with Disabilities

MICHIGAN Department of Education

mme™ Michigan Merit Examination

Grade 11
Spring 2011

Subscore	No. of Students Assessed	Mean Points	Points Possible	Percent of Students Scoring in Each Raw Score Range												
MME Reading	**97,999**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**
R2.1 Strategy Development		11.2	18	0	0	0	1	2	3	5	13	17	18	18	14	7
R2.2 Meaning Beyond Literal		8.2	15	0	1	2	4	7	9	10	21	20	16	9	2	
R2.3 Independent Reading		7.9	12	0	0	0	1	3	6	12	38	31	8			
L3.1 Close Literature Reading		3.3	6	4	12	18	21	19	15	11						
MME Writing	**98,618**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**
W1.1 Writing Process		8.0	15	0	1	2	12	21	22	18	14	10				
W1.3 Purpose & Audience		16.2	27	0	0	0	0	1	3	5	10	23	28	22	8	1
ACT Writing*		6.8	12	0	0	2	7	33	48	8	0					
W1.4 Inquiry & Research		1.4	2	9	45	46										
LAN4.1 Effective Use of Language		7.7	13	0	1	2	12	20	24	22	16	4				
MME Mathematics	**97,404**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8-9**	**10-11**	**12-13**	**14-15**	**16-17**
L1 Reasoning about Numbers		2.7	6	5	17	25	23	16	9	5						
L2 Calculations, Algorithms		3.9	8	4	10	15	16	16	14	11	9	5				
L3 Math Reasoning, Logic & Proof		1.2	2	17	42	41										
A1 Expressions & Equations		5.8	11	1	4	7	10	12	13	13	12	18	10			
A2 Functions		2.1	5	11	23	28	22	12	4							
A3 Families of Functions		1.8	4	13	30	29	19	9								
G1 Figures & Properties		7.0	17	0	2	5	9	12	13	12	10	14	10	7	5	2
G2 Relationships between Figures		0.5	1	54	46											
G3 Transformations of Figures		1.3	2	16	40	44										
S1 Univariate Data: Distributions		2.1	3	3	20	43	33									
S2 Bivariate Data: Relationships		0.9	2	35	43	22										
S4 Probability Models, Operations		0.7	1	27	73											
MME Science	**97,739**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**	**19-20**	**21-22**
R1 Inquiry & Reflection		11.8	22	0	0	0	3	9	13	15	16	15	13	9	5	2
E2 Earth Systems		1.2	2	21	41	38										
E3 The Solid Earth		0.9	2	33	45	23										
E4 The Fluid Earth		1.0	2	28	45	27										
E5 Earth in Space & Time		0.9	2	31	46	24										
B2 Organization of Living Systems		1.3	2	16	41	44										
B3 Living Systems & Environment		1.1	2	22	41	37										
B4 Genetics		1.1	2	22	44	34										
B5 Evolution & Biodiversity		1.3	2	17	39	45										
P2 Motion of Objects		1.2	2	19	42	39										
P3 Forces & Motion		1.3	2	16	40	44										
P4a Energy Part a		1.1	2	28	39	34										
P4b Energy Part b		0.8	2	37	46	16										
C23 Energy Transfer & Conservation		1.3	2	18	38	44										
C4 Properties of Matter		0.9	2	31	43	26										
C5 Changes in Matter		0.9	2	31	44	25										
MME Social Studies	**97,745**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**		
World History & Geography		5.5	10	1	3	7	11	13	14	15	14	12	7	3		
US History & Geography		6.2	10	0	2	4	7	10	12	14	15	16	13	5		
Civics		3.7	6	4	10	14	16	18	20	18						
Economics		3.3	6	5	13	17	18	18	17	11						
Inquiry		3.2	6	1	8	21	29	25	12	4						

* The ACT Writing score is included in the W1.3 Purpose and Audience subscore data.

Due to rounding, percentages might not total 100%.

STATE SUMMARY REPORT

All Students

Grade 12
Spring 2011

MME READING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1077)	(1078-1099)	(1100-1157)	(1158-1250)	(1100-1250)
2011	4,395	1086	1085-1086	33%	31%	36%	1%	37%
2010	4,057	1090	1089-1091	30%	29%	40%	1%	41%
2009	4,848	1088	1087-1089	33%	28%	38%	1%	39%
2008	8,427	1092	1091-1093	26%	28%	46%	0%	46%
2007	11	1072	1047-1097	45%	36%	18%	0%	18%

MME SCIENCE

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1086)	(1087-1099)	(1100-1142)	(1143-1250)	(1100-1250)
2011	4,354	1074	1073-1075	55%	17%	26%	2%	28%
2010	4,032	1076	1075-1077	53%	17%	27%	3%	29%
2009	4,815	1074	1073-1075	56%	16%	26%	2%	28%
2008	8,326	1084	1083-1085	41%	21%	37%	1%	38%
2007	11	1076	1063-1089	64%	27%	9%	0%	9%

MME WRITING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1050)	(1051-1099)	(1100-1145)	(1146-1250)	(1100-1250)
2011	4,572	1064	1064-1065	27%	56%	16%	1%	17%
2010	4,179	1068	1067-1069	23%	59%	17%	1%	19%
2009	5,043	1064	1063-1065	27%	53%	18%	1%	19%
2008	8,264	1073	1072-1074	19%	60%	20%	0%	20%
2007	11	1036	1007-1065	55%	36%	9%	0%	9%

MME SOCIAL STUDIES

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1085)	(1086-1099)	(1100-1128)	(1129-1250)	(1100-1250)
2011	4,364	1106	1105-1106	19%	27%	37%	17%	54%
2010	4,036	1109	1108-1110	16%	24%	41%	19%	60%
2009	4,810	1112	1111-1113	18%	17%	41%	23%	65%
2008	8,587	1112	1112-1112	11%	20%	46%	23%	69%
2007	15	1102	1089-1115	27%	27%	33%	13%	47%

MME MATHEMATICS

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1088)	(1089-1099)	(1100-1127)	(1128-1250)	(1100-1250)
2011	4,280	1066	1066-1067	63%	15%	19%	3%	22%
2010	3,963	1070	1069-1071	63%	16%	18%	3%	21%
2009	4,724	1074	1073-1075	62%	14%	20%	4%	24%
2008	8,390	1079	1078-1080	54%	20%	24%	2%	26%
2007	11	1064	1051-1077	91%	9%	0%	0%	0%

* Includes students who received valid scores.

** This is the likely range within which the true mean scale score would fall for the students listed on this report.

Due to rounding, percentages might not total 100%.

STATE SUMMARY REPORT

All Students

MICHIGAN Department of Education

mme™ Michigan Merit Examination

Grade 12
Spring 2011

Subscore	No. of Students Assessed	Mean Points	Points Possible	Percent of Students Scoring in Each Raw Score Range												
MME Reading	**4,395**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**
R2.1 Strategy Development		8.2	18	0	0	2	4	7	11	12	21	17	12	8	4	2
R2.2 Meaning Beyond Literal		6.3	15	0	2	5	10	13	14	13	20	12	7	3	0	
R2.3 Independent Reading		6.9	12	0	1	2	4	6	11	15	36	20	4			
L3.1 Close Literature Reading		2.4	6	8	21	25	22	13	7	3						
MME Writing	**4,572**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**
W1.1 Writing Process		5.8	15	0	2	7	25	30	20	9	4	2				
W1.3 Purpose & Audience		12.0	27	0	0	0	3	7	12	16	17	24	14	5	1	0
ACT Writing*		5.2	12	0	0	13	24	38	23	2	0					
W1.4 Inquiry & Research		1.0	2	24	52	25										
LAN4.1 Effective Use of Language		5.7	13	1	3	7	27	26	19	10	5	1				
MME Mathematics	**4,280**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8-9**	**10-11**	**12-13**	**14-15**	**16-17**
L1 Reasoning about Numbers		2.1	6	9	26	31	21	9	3	1						
L2 Calculations, Algorithms		2.7	8	8	20	24	20	13	8	5	2	1				
L3 Math Reasoning, Logic & Proof		1.0	2	29	47	24										
A1 Expressions & Equations		3.9	11	4	11	18	18	15	11	8	6	7	2			
A2 Functions		1.5	5	20	34	26	13	5	1							
A3 Families of Functions		1.3	4	26	38	24	9	3								
G1 Figures & Properties		4.9	17	1	5	10	16	18	17	12	8	6	3	2	1	0
G2 Relationships between Figures		0.3	1	67	33											
G3 Transformations of Figures		0.8	2	37	42	21										
S1 Univariate Data: Distributions		1.6	3	11	33	38	18									
S2 Bivariate Data: Relationships		0.6	2	49	40	11										
S4 Probability Models, Operations		0.5	1	50	50											
MME Science	**4,354**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**	**19-20**	**21-22**
R1 Inquiry & Reflection		8.2	22	0	1	2	12	21	23	16	11	7	4	2	1	0
E2 Earth Systems		0.9	2	35	43	22										
E3 The Solid Earth		0.7	2	46	41	13										
E4 The Fluid Earth		0.7	2	42	42	16										
E5 Earth in Space & Time		0.8	2	40	44	16										
B2 Organization of Living Systems		0.9	2	31	44	25										
B3 Living Systems & Environment		0.8	2	37	43	20										
B4 Genetics		0.9	2	34	45	21										
B5 Evolution & Biodiversity		1.0	2	30	45	25										
P2 Motion of Objects		0.9	2	34	43	23										
P3 Forces & Motion		0.9	2	30	45	25										
P4a Energy Part a		0.7	2	46	38	16										
P4b Energy Part b		0.6	2	51	39	10										
C23 Energy Transfer & Conservation		0.9	2	34	42	24										
C4 Properties of Matter		0.7	2	46	41	13										
C5 Changes in Matter		0.7	2	43	42	15										
MME Social Studies	**4,364**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**		
World History & Geography		4.3	10	1	7	14	18	16	15	12	8	5	3	1		
US History & Geography		4.8	10	1	5	11	15	17	15	13	10	7	5	2		
Civics		2.6	6	9	19	24	19	14	9	6						
Economics		2.3	6	11	24	24	18	12	7	3						
Inquiry		2.5	6	5	16	28	28	16	5	1						

* The ACT Writing score is included in the W1.3 Purpose and Audience subscore data.

Due to rounding, percentages might not total 100%.

STATE SUMMARY REPORT

Students with Disabilities

MICHIGAN Department of Education

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MME READING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1077)	(1078-1099)	(1100-1157)	(1158-1250)	(1100-1250)
2011	626	1067	1065-1068	56%	25%	18%	1%	19%
2010	516	1067	1063-1071	55%	28%	17%	1%	18%
2009	678	1065	1062-1068	58%	23%	19%	0%	19%
2008	1,289	1066	1064-1068	58%	24%	17%	0%	17%
2007	< 10							

MME SCIENCE

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1086)	(1087-1099)	(1100-1142)	(1143-1250)	(1100-1250)
2011	618	1053	1051-1055	78%	13%	8%	1%	9%
2010	518	1054	1050-1058	77%	10%	12%	1%	12%
2009	680	1051	1047-1055	79%	10%	10%	0%	11%
2008	1,261	1060	1057-1063	73%	12%	14%	1%	15%
2007	< 10							

MME WRITING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1050)	(1051-1099)	(1100-1145)	(1146-1250)	(1100-1250)
2011	634	1034	1031-1036	50%	44%	5%	0%	6%
2010	516	1039	1035-1043	46%	48%	6%	0%	6%
2009	696	1032	1028-1036	54%	41%	5%	0%	5%
2008	1,239	1047	1045-1049	51%	43%	5%	0%	5%
2007	< 10							

MME SOCIAL STUDIES

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1085)	(1086-1099)	(1100-1128)	(1129-1250)	(1100-1250)
2011	622	1095	1094-1096	34%	33%	26%	7%	33%
2010	522	1098	1096-1100	34%	25%	30%	11%	41%
2009	672	1098	1096-1100	30%	27%	31%	11%	42%
2008	1,303	1097	1096-1098	30%	33%	29%	9%	37%
2007	< 10							

MME MATHEMATICS

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1088)	(1089-1099)	(1100-1127)	(1128-1250)	(1100-1250)
2011	608	1038	1036-1040	88%	7%	5%	0%	6%
2010	511	1047	1043-1051	84%	10%	6%	0%	7%
2009	661	1045	1042-1048	88%	7%	5%	0%	5%
2008	1,276	1053	1051-1055	86%	8%	6%	0%	7%
2007	< 10							

* Includes students who received valid scores.

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STATE SUMMARY REPORT

Students with Disabilities

MICHIGAN Department of Education

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Subscore	No. of Students Assessed	Mean Points	Points Possible	Percent of Students Scoring in Each Raw Score Range												
MME Reading	**626**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**
R2.1 Strategy Development		6.4	18	0	1	4	9	13	17	15	20	10	6	2	2	1
R2.2 Meaning Beyond Literal		5.4	15	0	3	6	13	17	18	11	18	7	3	2	0	
R2.3 Independent Reading		6.0	12	0	2	5	10	12	15	15	26	13	3			
L3.1 Close Literature Reading		2.2	6	11	24	27	18	12	6	2						
MME Writing	**634**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**
W1.1 Writing Process		4.6	15	1	5	12	34	30	12	3	2	1				
W1.3 Purpose & Audience		9.4	27	0	0	0	7	18	21	18	14	12	7	2	0	0
ACT Writing*		4.1	12	0	0	32	32	24	11	0	0					
W1.4 Inquiry & Research		0.7	2	43	43	13										
LAN4.1 Effective Use of Language		4.4	13	1	7	10	39	26	10	5	2	0				
MME Mathematics	**608**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8-9**	**10-11**	**12-13**	**14-15**	**16-17**
L1 Reasoning about Numbers		1.9	6	11	28	31	21	7	1	0						
L2 Calculations, Algorithms		2.0	8	13	29	29	16	8	3	2	0	0				
L3 Math Reasoning, Logic & Proof		0.8	2	39	44	16										
A1 Expressions & Equations		2.8	11	7	18	25	22	13	6	5	3	1	0			
A2 Functions		1.1	5	29	43	19	8	1	0							
A3 Families of Functions		1.0	4	34	39	21	5	1								
G1 Figures & Properties		4.0	17	1	8	13	21	20	17	9	5	4	1	0	0	0
G2 Relationships between Figures		0.2	1	78	22											
G3 Transformations of Figures		0.5	2	53	38	8										
S1 Univariate Data: Distributions		1.3	3	22	39	29	10									
S2 Bivariate Data: Relationships		0.5	2	58	36	6										
S4 Probability Models, Operations		0.3	1	67	33											
MME Science	**618**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**	**19-20**	**21-22**
R1 Inquiry & Reflection		6.7	22	0	1	3	21	27	26	12	5	3	1	1	1	0
E2 Earth Systems		0.8	2	39	43	18										
E3 The Solid Earth		0.6	2	50	37	13										
E4 The Fluid Earth		0.9	2	35	40	25										
E5 Earth in Space & Time		0.7	2	45	42	12										
B2 Organization of Living Systems		0.8	2	39	46	15										
B3 Living Systems & Environment		0.7	2	45	41	14										
B4 Genetics		0.8	2	40	44	16										
B5 Evolution & Biodiversity		0.7	2	41	46	14										
P2 Motion of Objects		0.7	2	44	44	13										
P3 Forces & Motion		0.7	2	43	44	13										
P4a Energy Part a		0.5	2	56	34	10										
P4b Energy Part b		0.6	2	54	36	10										
C23 Energy Transfer & Conservation		0.6	2	49	39	12										
C4 Properties of Matter		0.6	2	50	41	8										
C5 Changes in Matter		0.6	2	49	41	10										
MME Social Studies	**622**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**		
World History & Geography		3.6	10	3	10	20	23	14	13	8	4	3	2	0		
US History & Geography		4.0	10	2	9	17	18	19	14	9	5	4	3	1		
Civics		2.1	6	14	25	27	18	9	4	3						
Economics		1.9	6	18	26	26	17	7	3	2						
Inquiry		2.0	6	9	27	31	22	8	3	0						

* The ACT Writing score is included in the W1.3 Purpose and Audience subscore data.

< 10 = No summary scores provided if fewer than 10 students.
Due to rounding, percentages might not total 100%.

STATE SUMMARY REPORT

All Except Students with Disabilities

MICHIGAN Department of Education

mme™ Michigan Merit Examination

Grade 12
Spring 2011

MME READING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1077)	(1078-1099)	(1100-1157)	(1158-1250)	(1100-1250)
2011	3,769	1089	1088-1090	29%	31%	39%	1%	40%
2010	3,541	1093	1092-1094	26%	29%	43%	1%	44%
2009	4,170	1092	1091-1093	29%	29%	41%	1%	42%
2008	7,138	1096	1095-1097	20%	29%	51%	0%	51%
2007	10	1073	1045-1101	40%	40%	20%	0%	20%

MME SCIENCE

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1086)	(1087-1099)	(1100-1142)	(1143-1250)	(1100-1250)
2011	3,736	1078	1077-1078	51%	18%	29%	2%	31%
2010	3,514	1080	1079-1081	50%	18%	29%	3%	32%
2009	4,135	1078	1077-1079	52%	17%	29%	3%	31%
2008	7,065	1088	1087-1089	35%	23%	41%	1%	42%
2007	10	1076	1062-1090	60%	30%	10%	0%	10%

MME WRITING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1050)	(1051-1099)	(1100-1145)	(1146-1250)	(1100-1250)
2011	3,938	1069	1068-1070	23%	58%	18%	1%	19%
2010	3,663	1072	1071-1073	19%	60%	19%	1%	20%
2009	4,347	1070	1069-1071	23%	55%	20%	1%	22%
2008	7,025	1078	1077-1079	14%	63%	23%	0%	23%
2007	10	1038	1007-1069	50%	40%	10%	0%	10%

MME SOCIAL STUDIES

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1085)	(1086-1099)	(1100-1128)	(1129-1250)	(1100-1250)
2011	3,742	1107	1107-1108	17%	26%	39%	18%	58%
2010	3,514	1111	1110-1112	13%	24%	42%	21%	63%
2009	4,138	1114	1113-1115	16%	16%	43%	25%	68%
2008	7,284	1115	1114-1116	8%	17%	49%	25%	75%
2007	12	1103	1087-1119	33%	17%	33%	17%	50%

MME MATHEMATICS

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1088)	(1089-1099)	(1100-1127)	(1128-1250)	(1100-1250)
2011	3,672	1071	1070-1072	59%	16%	21%	4%	25%
2010	3,452	1074	1073-1075	60%	17%	19%	4%	23%
2009	4,063	1079	1078-1080	58%	15%	22%	5%	27%
2008	7,114	1084	1083-1085	48%	23%	27%	2%	29%
2007	10	1065	1052-1078	90%	10%	0%	0%	0%

* Includes students who received valid scores.

** This is the likely range within which the true mean scale score would fall for the students listed on this report.

Due to rounding, percentages might not total 100%.

STATE SUMMARY REPORT

All Except Students with Disabilities

MICHIGAN Department of Education

mme™ Michigan Merit Examination

Grade 12
Spring 2011

Subscore	No. of Students Assessed	Mean Points	Points Possible	Percent of Students Scoring in Each Raw Score Range												
MME Reading	**3,769**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**
R2.1 Strategy Development		8.5	18	0	0	2	4	6	10	11	21	18	13	9	5	2
R2.2 Meaning Beyond Literal		6.5	15	0	2	5	9	13	13	13	21	13	7	3	0	
R2.3 Independent Reading		7.0	12	0	1	2	3	6	10	15	38	21	4			
L3.1 Close Literature Reading		2.5	6	8	21	25	22	13	7	3						
MME Writing	**3,938**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**
W1.1 Writing Process		6.0	15	0	2	6	23	30	21	9	5	3				
W1.3 Purpose & Audience		12.4	27	0	0	0	2	5	11	16	18	26	15	6	1	0
ACT Writing*		5.4	12	0	0	10	23	41	25	2	0					
W1.4 Inquiry & Research		1.1	2	21	53	26										
LAN4.1 Effective Use of Language		5.9	13	1	3	6	25	26	21	11	6	1				
MME Mathematics	**3,672**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8-9**	**10-11**	**12-13**	**14-15**	**16-17**
L1 Reasoning about Numbers		2.1	6	9	25	31	21	9	4	1						
L2 Calculations, Algorithms		2.8	8	7	19	23	20	13	9	5	3	1				
L3 Math Reasoning, Logic & Proof		1.0	2	27	48	26										
A1 Expressions & Equations		4.0	11	3	10	17	17	15	12	9	7	7	3			
A2 Functions		1.6	5	19	33	27	14	5	2							
A3 Families of Functions		1.3	4	24	38	24	10	3								
G1 Figures & Properties		5.0	17	1	5	10	15	18	17	12	8	7	4	2	1	0
G2 Relationships between Figures		0.4	1	65	35											
G3 Transformations of Figures		0.9	2	34	43	23										
S1 Univariate Data: Distributions		1.7	3	10	32	39	19									
S2 Bivariate Data: Relationships		0.6	2	48	40	12										
S4 Probability Models, Operations		0.5	1	47	53											
MME Science	**3,736**			**0**	**1**	**2**	**3-4**	**5-6**	**7-8**	**9-10**	**11-12**	**13-14**	**15-16**	**17-18**	**19-20**	**21-22**
R1 Inquiry & Reflection		8.5	22	0	1	2	11	21	22	16	11	7	4	2	1	0
E2 Earth Systems		0.9	2	35	43	23										
E3 The Solid Earth		0.7	2	46	41	13										
E4 The Fluid Earth		0.7	2	43	42	15										
E5 Earth in Space & Time		0.8	2	39	44	17										
B2 Organization of Living Systems		1.0	2	29	44	27										
B3 Living Systems & Environment		0.9	2	35	43	21										
B4 Genetics		0.9	2	33	45	22										
B5 Evolution & Biodiversity		1.0	2	28	45	27										
P2 Motion of Objects		0.9	2	32	43	25										
P3 Forces & Motion		1.0	2	28	45	27										
P4a Energy Part a		0.7	2	44	38	17										
P4b Energy Part b		0.6	2	50	40	10										
C23 Energy Transfer & Conservation		0.9	2	32	43	26										
C4 Properties of Matter		0.7	2	45	41	14										
C5 Changes in Matter		0.7	2	42	42	16										
MME Social Studies	**3,742**			**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**		
World History & Geography		4.4	10	1	7	12	17	17	16	12	8	5	3	1		
US History & Geography		4.9	10	1	4	10	14	16	15	13	11	8	5	3		
Civics		2.7	6	8	18	24	19	15	10	6						
Economics		2.4	6	10	24	24	18	13	8	3						
Inquiry		2.6	6	5	15	28	29	17	6	1						

* The ACT Writing score is included in the W1.3 Purpose and Audience subscore data.

Due to rounding, percentages might not total 100%.