

APPENDIX G

**MCAS-ALT:
2007 INTER-SCORER CONSISTENCY TABLES**

The tables in this appendix show the 2007 MCAS-Alt number and percentage of exact agreements on two or more scores in every scoring dimension area for each content area strand. **Note:** Only records with at least two scores for the content area/strand/scoring dimension area were used.

Table G.1 shows 2007 MCAS-Alt inter-scorer consistency data, for students at all grade levels combined, in each scoring dimension for each content area strand (reporting category).

Table G.1: 2007 MCAS-Alt Inter-Scorer Consistency by Strand and Scoring Dimension

Strand	Dimension	Number of Portfolios with at least Two Scores	Number of Exact Scores	Percent of Exact Scores
English Language Arts/Reading				
Language	Complexity	1804	1736	96.23
	Skills	1804	1235	68.46
	Independence	1804	1690	93.68
	Self-Evaluation	1804	1745	96.73
	Generalized Performance	1804	1690	93.68
Literature	Complexity	1840	1782	96.85
	Skills	1840	1285	69.84
	Independence	1840	1713	93.10
	Self-Evaluation	1840	1783	96.90
	Generalized Performance	1840	1733	94.18
Composition	Complexity	1112	1064	95.68
	Skills	1112	774	69.60
	Independence	1112	1033	92.90
	Self-Evaluation	1112	1068	96.04
	Generalized Performance	1112	1040	93.53
Mathematics				
Number Sense and Operations	Complexity	1793	1729	96.43
	Skills	1793	1189	66.31
	Independence	1793	1664	92.81
	Self-Evaluation	1793	1715	95.65
	Generalized Performance	1793	1672	93.25
Patterns, Relations, and Algebra	Complexity	1065	1020	95.77
	Skills	1065	737	69.20
	Independence	1065	985	92.49
	Self-Evaluation	1065	1023	96.06
	Generalized Performance	1065	994	93.33
Geometry	Complexity	553	526	95.12
	Skills	553	394	71.25
	Independence	553	519	93.85
	Self-Evaluation	553	536	96.93
	Generalized Performance	553	522	94.39
Measurement	Complexity	563	537	95.38
	Skills	563	367	65.19
	Independence	563	515	91.47
	Self-Evaluation	563	544	96.63
	Generalized Performance	563	518	92.01
Data Analysis, Statistics, and Probability	Complexity	747	724	96.92
	Skills	747	533	71.35
	Independence	747	694	92.90
	Self-Evaluation	747	723	96.79
	Generalized Performance	747	714	95.58

(Table G.1 continued on next page)

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Table G.1: 2007 MCAS-Alt Inter-Scorer Consistency by Strand and Scoring Dimension

Strand	Dimension	Number of Portfolios with at least Two Scores	Number of Exact Scores	Percent of Exact Scores
<i>Science and Technology/Engineering</i>				
Earth and Space Science	Complexity	203	194	95.57
	Skills	203	149	73.40
	Independence	203	191	94.09
	Self-Evaluation	203	200	98.52
	Generalized Performance	203	190	93.60
Life Science	Complexity	201	194	96.52
	Skills	201	160	79.60
	Independence	201	192	95.52
	Self-Evaluation	201	197	98.01
Physical Sciences	Generalized Performance	201	193	96.02
	Complexity	167	161	96.41
	Skills	167	129	77.25
	Independence	167	161	96.41
Technology/Engineering	Self-Evaluation	167	162	97.01
	Generalized Performance	167	159	95.21
	Complexity	76	73	96.05
	Skills	76	64	84.21
High School End-of-Course Science and Technology/Engineering	Independence	76	72	94.74
	Self-Evaluation	76	74	97.37
	Generalized Performance	76	73	96.05
	Complexity	2008	1888	94.02
	Skills	2008	1511	75.25
	Independence	2008	1875	93.38
	Self-Evaluation	2008	1943	96.76
	Generalized Performance	2008	1916	95.42

Table G.2 shows 2007 MCAS-Alt inter-scorer consistency data for each content area overall.

Table G.2: 2007 MCAS-Alt Inter-Scorer Consistency By Content Area

Content Area	Number of Portfolios with At Least Two Scores	Number of Portfolios with Two Scores in Exact Agreement	Percentage of Portfolios with Two Scores in Exact Agreement
English Language Arts/Reading	23780	21371	89.87
Mathematics	23605	21094	89.36
Science and Technology/Engineering	13275	12121	91.31

Table G.3 shows 2007 MCAS-Alt inter-rater consistency data for each scoring dimension over all strands. The percentage of exact agreement exceeded 93 percent for all dimension scores except Generalized Performance, indicating that in at least 9 of 10 dimensions that were double-scored, two scorers agreed. This rate of agreement has risen steadily since 2001 due to increased clarity in scoring dimension rubrics, improved training of scorers, and scoring rules that minimize errors.

**Table G.3: 2007 MCAS-Alt
Inter-Rater Consistency by Scoring Dimension**

Scoring Dimension	Number of Portfolios with At Least Two Scores	Number of Portfolios with Two Scores in Exact Agreement	Percentage of Portfolios with Two Scores in Exact Agreement
Level of Complexity	12132	11683	96.29
Demonstration of Skills and Concepts	12132	11386	93.85
Independence	12132	11304	93.18
Self-Evaluation*	12132	11686	96.32
Generalized Performance*	12132	8527	70.29

*Note: Generalized Performance and Self-Evaluation are not calculated in the final performance level.

Table G.4 shows the overall inter-scorer consistency rate for the 2007 MCAS-Alt in all scoring dimension areas combined.

**Table G.4: 2007 MCAS-Alt
Aggregate Inter-Scorer Consistency
in All Scoring Dimension Areas Combined**

Double-Scores	Exact Agreement	Inter-Scorer Consistency
60660	54586	89.99

