

# Appendix I—DECISION ACCURACY AND CONSISTENCY RESULTS



**Table I-1. 2009–10 PAAP: Summary of Decision Accuracy (and Consistency) Results by Subject and Grade—Overall and Conditional on Performance Level**

Subject	Grade	Overall	Kappa	Conditional on level	
				Not Proficient	Proficient
Mathematics	2	0.78 (0.71)	0.54	0.69 (0.65)	0.84 (0.71)
	3	0.83 (0.76)	0.60	0.72 (0.70)	0.77 (0.60)
	4	0.89 (0.85)	0.72	0.81 (0.78)	0.73 (0.65)
	5	0.92 (0.89)	0.78	0.84 (0.83)	0.37 (0.52)
	6	0.89 (0.85)	0.72	0.83 (0.79)	0.87 (0.78)
	7	0.88 (0.84)	0.67	0.75 (0.71)	0.70 (0.67)
	HS	0.88 (0.84)	0.72	0.85 (0.84)	0.75 (0.64)
Reading	2	0.84 (0.79)	0.62	0.75 (0.69)	0.85 (0.78)
	3	0.78 (0.72)	0.53	0.64 (0.61)	0.73 (0.62)
	4	0.90 (0.86)	0.64	0.73 (0.65)	0.75 (0.69)
	5	0.91 (0.89)	0.55	0.59 (0.47)	0.61 (0.63)
	6	0.87 (0.82)	0.62	0.69 (0.64)	0.67 (0.56)
	7	0.83 (0.79)	0.55	0.60 (0.56)	0.45 (0.53)
	HS	0.85 (0.80)	0.66	0.81 (0.78)	0.70 (0.55)
Science	5	0.90 (0.86)	0.73	0.81 (0.79)	0.62 (0.61)
	8	0.85 (0.81)	0.59	0.69 (0.61)	0.76 (0.69)
	HS	0.86 (0.81)	0.67	0.85 (0.85)	0.75 (0.59)
Writing	4	0.76 (0.71)	0.54	0.66 (0.63)	0.54 (0.46)
	7	0.62 (0.59)	0.41	0.53 (0.52)	0.45 (0.36)
	HS	0.80 (0.74)	0.58	0.71 (0.67)	0.72 (0.61)

**Table I-2. 2009–10 PAAP: Summary of Decision Accuracy (and Consistency) Results by Subject and Grade—Conditional on Cutpoint**

<i>Subject</i>	<i>Grade</i>	<i>Not Proficient/Proficient</i>		
		<i>Accuracy (consistency)</i>	<i>False positive</i>	<i>False negative</i>
Mathematics	2	0.78 (0.71)	0.16	0.06
	3	0.83 (0.76)	0.14	0.03
	4	0.89 (0.85)	0.07	0.04
	5	0.92 (0.89)	0.06	0.02
	6	0.89 (0.85)	0.07	0.04
	7	0.88 (0.84)	0.08	0.04
	HS	0.88 (0.84)	0.08	0.04
Reading	2	0.84 (0.79)	0.09	0.07
	3	0.78 (0.72)	0.18	0.03
	4	0.90 (0.86)	0.06	0.05
	5	0.91 (0.89)	0.05	0.04
	6	0.87 (0.82)	0.10	0.03
	7	0.83 (0.79)	0.14	0.03
	HS	0.85 (0.80)	0.10	0.05
Science	5	0.90 (0.86)	0.07	0.03
	8	0.85 (0.81)	0.08	0.06
	HS	0.86 (0.81)	0.10	0.04
Writing	4	0.76 (0.71)	0.17	0.07
	7	0.62 (0.59)	0.32	0.07
	HS	0.80 (0.74)	0.14	0.06