

APPENDIX 19: FIELD-TEST DIFFERENTIAL ITEM FUNCTIONING (DIF) SUMMARY

MATHEMATICS

Table 19–1. Mathematics—Field-Test DIF Summary

Grade	Form	Reference/Focal	Number of Items per DIF Classification					
			A-	A+	B-	B+	C-	C+
10	1	Male/Female	4	10	1	0	1	0
		White/Alaska Native	13	3	0	0	0	0
	2	Male/Female	7	7	0	1	1	0
		White/Alaska Native	9	6	0	1	0	0
	3	Male/Female	8	6	0	2	0	0
		White/Alaska Native	12	2	1	0	1	0
	4	Male/Female	10	5	0	0	1	0
		White/Alaska Native	10	6	0	0	0	0
	5	Male/Female	7	6	1	2	0	0
		White/Alaska Native	8	7	1	0	0	0
	6	Male/Female	8	6	1	0	0	1
		White/Alaska Native	8	7	0	1	0	0
	7	Male/Female	6	7	1	0	0	2
		White/Alaska Native	11	3	2	0	0	0

READING

Table 19–2. Reading—Field-Test DIF Summary

Grade	Form	Reference/Focal	Number of Items per DIF Classification					
			A-	A+	B-	B+	C-	C+
10	1	Male/Female	5	5	0	0	0	1
		White/Alaska Native	7	2	1	0	1	0
	2	Male/Female	3	4	0	2	0	1
		White/Alaska Native	5	2	2	0	2	0
	3	Male/Female	3	5	1	2	0	0
		White/Alaska Native	5	1	4	1	0	0
	4	Male/Female	2	7	0	2	0	0
		White/Alaska Native	8	2	1	0	0	0
	5	Male/Female	2	9	0	0	0	0
		White/Alaska Native	6	0	2	0	3	0
	6	Male/Female	4	5	0	1	0	1
		White/Alaska Native	6	2	2	0	1	0
	7	Male/Female	2	7	0	1	0	1
		White/Alaska Native	6	1	3	1	0	0

WRITING

Table 19–3. Writing—Field-Test DIF Summary

Grade	Form	Reference/Focal	Number of Items per DIF Classification					
			A-	A+	B-	B+	C-	C+
10	1	Male/Female	2	8	1	1	0	1
		White/Alaska Native	6	5	2	0	0	0
	2	Male/Female	5	6	0	1	0	1
		White/Alaska Native	7	3	1	0	2	0
	3	Male/Female	3	7	0	1	0	2
		White/Alaska Native	5	4	3	0	1	0
	4	Male/Female	2	9	0	1	0	1
		White/Alaska Native	8	4	0	1	0	0
	5	Male/Female	4	8	0	0	0	1
		White/Alaska Native	7	1	2	2	1	0
	6	Male/Female	4	7	0	0	0	2
		White/Alaska Native	6	3	2	0	2	0
	7	Male/Female	3	9	0	0	0	1
		White/Alaska Native	5	3	2	1	2	0