

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+
3	1	Male/Female	3	3	0	1	0	0
		White/Alaska Native	3	2	2	0	0	0
4	1	Male/Female	2	5	0	0	0	0
		White/Alaska Native	3	3	1	0	0	0
5	1	Male/Female	2	4	0	1	0	0
		White/Alaska Native	2	5	0	0	0	0
6	1	Male/Female	3	4	0	0	0	0
		White/Alaska Native	3	3	1	0	0	0
7	1	Male/Female	2	4	0	1	0	0
		White/Alaska Native	2	3	2	0	0	0
8	1	Male/Female	3	4	0	0	0	0
		White/Alaska Native	4	3	0	0	0	0
9	1	Male/Female	1	6	0	0	0	0
		White/Alaska Native	5	1	1	0	0	0
10	1	Male/Female	8	6	2	0	0	0
		White/Alaska Native	8	5	2	0	1	0
	2	Male/Female	4	11	0	0	1	0
		White/Alaska Native	10	4	2	0	0	0
	3	Male/Female	9	6	0	1	0	0
		White/Alaska Native	8	6	1	0	1	0
	4	Male/Female	7	6	1	1	1	0
		White/Alaska Native	10	6	0	0	0	0
	5	Male/Female	7	6	0	0	0	0
		White/Alaska Native	8	6	2	0	0	0
	6	Male/Female	4	11	0	0	1	0
		White/Alaska Native	6	7	1	0	2	0
	7	Male/Female	9	4	0	1	2	0
		White/Alaska Native	8	4	4	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+
3	1	Male/Female	5	6	0	0	0	0
		White/Alaska Native	8	3	0	0	0	0
4	1	Male/Female	4	6	0	1	0	0
		White/Alaska Native	10	1	0	0	0	0
5	1	Male/Female	3	7	0	0	0	1
		White/Alaska Native	8	2	1	0	0	0
6	1	Male/Female	2	7	1	1	0	0
		White/Alaska Native	7	4	0	0	0	0
7	1	Male/Female	0	8	0	2	0	1
		White/Alaska Native	7	4	0	0	0	0
8	1	Male/Female	4	4	0	2	0	1
		White/Alaska Native	8	3	0	0	0	0
9	1	Male/Female	0	5	0	5	0	1
		White/Alaska Native	7	4	0	0	0	0
10	1	Male/Female	3	6	0	1	0	1
		White/Alaska Native	5	1	4	0	1	0
	2	Male/Female	7	2	1	1	0	0
		White/Alaska Native	4	3	2	0	2	0
	3	Male/Female	2	6	0	2	0	1
		White/Alaska Native	6	1	2	0	2	0
	4	Male/Female	4	7	0	0	0	0
		White/Alaska Native	5	4	2	0	0	0
	5	Male/Female	4	5	0	2	0	0
		White/Alaska Native	8	3	0	0	0	0
	6	Male/Female	5	3	1	1	0	1
		White/Alaska Native	3	5	1	1	1	0
	7	Male/Female	4	5	1	0	0	1
		White/Alaska Native	6	1	2	1	1	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+
3	1	Male/Female	3	6	0	0	0	0
		White/Alaska Native	7	1	1	0	0	0
4	1	Male/Female	3	6	0	1	0	0
		White/Alaska Native	6	2	2	0	0	0
5	1	Male/Female	6	2	0	2	0	0
		White/Alaska Native	5	5	0	0	0	0
6	1	Male/Female	4	4	0	1	0	1
		White/Alaska Native	5	3	1	0	1	0
7	1	Male/Female	3	5	0	1	0	1
		White/Alaska Native	6	1	3	0	0	0
8	1	Male/Female	6	2	0	1	0	1
		White/Alaska Native	6	2	1	0	1	0
9	1	Male/Female	4	5	0	0	0	1
		White/Alaska Native	4	4	2	0	0	0
10	1	Male/Female	6	4	1	1	0	1
		White/Alaska Native	8	4	0	0	1	0
	2	Male/Female	4	7	0	1	0	1
		White/Alaska Native	3	4	3	0	3	0
	3	Male/Female	7	4	0	2	0	0
		White/Alaska Native	7	1	4	0	1	0
	4	Male/Female	6	5	0	6	0	0
		White/Alaska Native	8	3	1	0	1	0
	5	Male/Female	2	8	0	1	0	2
		White/Alaska Native	7	5	1	0	0	0
	6	Male/Female	4	6	0	3	0	0
		White/Alaska Native	7	3	2	0	1	0
	7	Male/Female	4	4	1	3	0	1
		White/Alaska Native	8	0	1	0	4	0