

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

MATHEMATICS

Table 19–1. Mathematics—Field Test DIF Summary by Form

Form	Reference/Focal	Number of Items per DIF Classification					
		A-	A+	B-	B+	C-	C+
1	Male/Female	8	7	1			
	White/Alaska Native or American Indian	9	7				
2	Male/Female	5	7		4		
	White/Alaska Native or American Indian	12	3			1	
3	Male/Female	6	6	2			1
	White/Alaska Native or American Indian	9	2	2		2	
4	Male/Female	8	7	1			
	White/Alaska Native or American Indian	9	6			1	
5	Male/Female	6	6	2	2		
	White/Alaska Native or American Indian	7	4	2		2	1
6	Male/Female	8	8				
	White/Alaska Native or American Indian	9	7				
7	Male/Female	12	2	1	1		
	White/Alaska Native or American Indian	8	6	1		1	
8	Male/Female	3	8	2	2	1	
	White/Alaska Native or American Indian	9	4			2	1
9	Male/Female	6	10				
	White/Alaska Native or American Indian	8	7			1	
10	Male/Female	8	5	1		1	1
	White/Alaska Native or American Indian	10	4	2			
11	Male/Female	5	8		2	1	
	White/Alaska Native or American Indian	12	4				
12	Male/Female	9	4	2		1	
	White/Alaska Native or American Indian	11	2	1	1	1	
13	Male/Female	7	9				
	White/Alaska Native or American Indian	13	2	1			
14	Male/Female	9	6	1			
	White/Alaska Native or American Indian	8	8				
Total	Male/Female	100	93	13	11	4	2
	White/Alaska Native or American Indian	134	66	9	1	11	2

READING

Table 19–2. Reading—Field Test DIF Summary by Form

Form	Reference/Focal	Number of Items per DIF Classification					
		A-	A+	B-	B+	C-	C+
1	Male/Female	2	1		8		
	White/Alaska Native or American Indian	5	2	3		1	
2	Male/Female	1	7		1		2
	White/Alaska Native or American Indian	7	3		1		
3	Male/Female	3	6	1	1		
	White/Alaska Native or American Indian	1	6	2	1	1	
4	Male/Female	1	9		1		
	White/Alaska Native or American Indian	5	4			2	
5	Male/Female	3	5		3		
	White/Alaska Native or American Indian	5	4	1		1	
6	Male/Female	3	6		2		
	White/Alaska Native or American Indian	5	3	1		2	
7	Male/Female	2	7			2	
	White/Alaska Native or American Indian	5	3	1		1	1
8	Male/Female	3	6		1		1
	White/Alaska Native or American Indian	5	4	1		1	
9	Male/Female		6		3		2
	White/Alaska Native or American Indian	7	4				
10	Male/Female	1	6	1	2		1
	White/Alaska Native or American Indian	8	3				
11	Male/Female	5	6				
	White/Alaska Native or American Indian	4	5			2	
12	Male/Female	5	5		1		
	White/Alaska Native or American Indian	7	4				
13	Male/Female	2	6				3
	White/Alaska Native or American Indian	3	3	2	1	2	
14	Male/Female	2	5		2		2
	White/Alaska Native or American Indian	7	4				
Total	Male/Female	33	81	2	25	2	11
	White/Alaska Native or American Indian	74	52	11	3	13	1

WRITING

Table 19–3. Writing—Field Test DIF Summary by Form

Form	Reference/Focal	Number of Items per DIF Classification					
		A-	A+	B-	B+	C-	C+
1	Male/Female	3	7		3		
	White/Alaska Native or American Indian	7	2	2		2	
2	Male/Female	2	6		4		1
	White/Alaska Native or American Indian	6	3	1		3	
3	Male/Female	6	6		1		
	White/Alaska Native or American Indian	7	4	2			
4	Male/Female	1	11		1		
	White/Alaska Native or American Indian	4	5	2		2	
5	Male/Female	4	6		1	1	1
	White/Alaska Native or American Indian	5	1	2		5	
6	Male/Female	4	7	2			
	White/Alaska Native or American Indian	6	3	1		3	
7	Male/Female	4	7		2		
	White/Alaska Native or American Indian	3	2	2		6	
8	Male/Female	5	6				2
	White/Alaska Native or American Indian	9	2	2			
9	Male/Female	4	7		1	1	
	White/Alaska Native or American Indian	8	1	1	1	2	
10	Male/Female	3	7		2		1
	White/Alaska Native or American Indian	5	5			3	
11	Male/Female	3	6	1	2		1
	White/Alaska Native or American Indian	6	2	2	1	1	1
12	Male/Female	4	8		1		
	White/Alaska Native or American Indian	7	3	1		1	1
13	Male/Female	6	6		1		
	White/Alaska Native or American Indian	7	1	1		4	
14	Male/Female	8	5				
	White/Alaska Native or American Indian	8	2	1	1	1	
Total	Male/Female	57	95	3	19	2	6
	White/Alaska Native or American Indian	88	36	20	3	33	2