

Appendix H—SUBGROUP RELIABILITY

Table H-1. 2009–10 PAAP: Subgroup Reliabilities – Mathematics

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
2	All students	176	69	37.05	13.07	0.67	7.51
	Male	123	69	37.76	13.28	0.66	7.74
	Female	53	69	35.42	12.55	0.69	6.99
	Gender not reported	0	69				
	American Indian or Alaskan Native	1	69				
	Asian	1	69				
	Black or African American	10	69	33.70	13.12	0.55	8.80
	Hispanic or Latino	4	69				
	Native Hawaiian or Pacific Islander	0	69				
	White (non-Hispanic)	160	69	37.18	13.10	0.65	7.75
	No primary race/ethnicity reported	0	69				
	Currently receiving LEP services	7	69				
	Former LEP student - monitoring year 1	0	69				
	Former LEP student - monitoring year 2	0	69				
	LEP: all other students	169	69	36.83	13.09	0.67	7.52
	Students with an IEP	176	69	37.05	13.07	0.67	7.51
	IEP: all other students	0	69				
	Economically disadvantaged students	122	69	36.85	12.89	0.68	7.29
	SES: all other students	54	69	37.50	13.59	0.66	7.92
	Migrant students	0	69				
	Migrant: all other students	176	69	37.05	13.07	0.67	7.51
	Students receiving Title 1 services	13	69	41.69	13.00	0.37	10.32
	Title 1: all other students	163	69	36.68	13.05	0.68	7.38
	Plan 504	0	69				
	Plan 504: all other students	176	69	37.05	13.07	0.67	7.51
	3	All students	205	69	41.87	16.50	0.71
Male		143	69	41.88	16.19	0.65	9.58
Female		62	69	41.84	17.31	0.82	7.34
Gender not reported		0	69				
American Indian or Alaskan Native		3	69				
Asian		1	69				
Black or African American		6	69				
Hispanic or Latino		10	69	32.20	17.64	0.75	8.82
Native Hawaiian or Pacific Islander		0	69				
White (non-Hispanic)		185	69	42.51	16.40	0.72	8.68

continued

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
3	No primary race/ethnicity reported	0	69				
	Currently receiving LEP services	7	69				
	Former LEP student - monitoring year 1	0	69				
	Former LEP student - monitoring year 2	0	69				
	LEP: all other students	198	69	42.41	16.32	0.71	8.79
	Students with an IEP	205	69	41.87	16.50	0.71	8.89
	IEP: all other students	0	69				
	Economically disadvantaged students	143	69	43.84	15.48	0.62	9.54
	SES: all other students	62	69	37.32	17.94	0.76	8.79
	Migrant students	0	69				
	Migrant: all other students	205	69	41.87	16.50	0.71	8.89
	Students receiving Title 1 services	6	69				
	Title 1: all other students	199	69	41.69	16.61	0.71	8.94
	Plan 504	0	69				
	Plan 504: all other students	205	69	41.87	16.50	0.71	8.89
4	All students	234	69	46.51	16.47	0.81	7.18
	Male	167	69	46.13	16.54	0.72	8.75
	Female	67	69	47.46	16.38	0.91	4.91
	Gender not reported	0	69				
	American Indian or Alaskan Native	2	69				
	Asian	3	69				
	Black or African American	8	69				
	Hispanic or Latino	3	69				
	Native Hawaiian or Pacific Islander	0	69				
	White (non-Hispanic)	218	69	46.90	16.04	0.76	7.86
	No primary race/ethnicity reported	0	69				
	Currently receiving LEP services	7	69				
	Former LEP student - monitoring year 1	0	69				
	Former LEP student - monitoring year 2	0	69				
	LEP: all other students	227	69	46.62	16.36	0.77	7.85
	Students with an IEP	234	69	46.51	16.47	0.81	7.18
	IEP: all other students	0	69				
	Economically disadvantaged students	161	69	47.61	16.26	0.84	6.50
SES: all other students	73	69	44.07	16.78	0.76	8.22	
Migrant students	0	69					
Migrant: all other students	234	69	46.51	16.47	0.81	7.18	

continued

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
4	Students receiving Title 1 services	5	69				
	Title 1: all other students	229	69	46.95	16.03	0.74	8.17
	Plan 504	0	69				
	Plan 504: all other students	234	69	46.51	16.47	0.81	7.18
5	All students	186	69	51.87	18.45	0.78	8.65
	Male	117	69	50.64	19.04	0.79	8.73
	Female	69	69	53.96	17.33	0.76	8.49
	Gender not reported	0	69				
	American Indian or Alaskan Native	3	69				
	Asian	2	69				
	Black or African American	1	69				
	Hispanic or Latino	1	69				
	Native Hawaiian or Pacific Islander	0	69				
	White (non-Hispanic)	179	69	51.41	18.60	0.78	8.72
	No primary race/ethnicity reported	0	69				
	Currently receiving LEP services	2	69				
	Former LEP student - monitoring year 1	0	69				
	Former LEP student - monitoring year 2	0	69				
	LEP: all other students	184	69	51.77	18.51	0.78	8.68
	Students with an IEP	186	69	51.87	18.45	0.78	8.65
	IEP: all other students	0	69				
	Economically disadvantaged students	127	69	55.07	17.55	0.78	8.23
	SES: all other students	59	69	44.98	18.60	0.78	8.72
	Migrant students	0	69				
	Migrant: all other students	186	69	51.87	18.45	0.78	8.65
	Students receiving Title 1 services	7	69				
	Title 1: all other students	179	69	51.99	18.17	0.72	9.61
Plan 504	1	69					
Plan 504: all other students	185	69	51.79	18.47	0.78	8.66	
6	All students	226	99	60.26	24.19	0.81	10.54
	Male	151	99	59.66	24.65	0.76	12.08
	Female	75	99	61.47	23.37	0.88	8.10
	Gender not reported	0	99				
	American Indian or Alaskan Native	1	99				
	Asian	3	99				
	Black or African American	10	99	68.80	13.07	0.47	9.52

continued

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
6	Hispanic or Latino	2	99				
	Native Hawaiian or Pacific Islander	0	99				
	White (non-Hispanic)	210	99	59.84	24.49	0.82	10.39
	No primary race/ethnicity reported	0	99				
	Currently receiving LEP services	6	99				
	Former LEP student - monitoring year 1	0	99				
	Former LEP student - monitoring year 2	0	99				
	LEP: all other students	220	99	60.29	24.26	0.81	10.57
	Students with an IEP	226	99	60.26	24.19	0.81	10.54
	IEP: all other students	0	99				
	Economically disadvantaged students	146	99	63.84	22.42	0.85	8.68
	SES: all other students	80	99	53.73	26.04	0.74	13.28
	Migrant students	0	99				
	Migrant: all other students	226	99	60.26	24.19	0.81	10.54
	Students receiving Title 1 services	13	99	79.85	16.31	0.60	10.32
	Title 1: all other students	213	99	59.06	24.11	0.81	10.51
	Plan 504	0	99				
Plan 504: all other students	226	99	60.26	24.19	0.81	10.54	
7	All students	206	99	67.71	24.38	0.79	11.17
	Male	129	99	68.53	23.04	0.74	11.75
	Female	77	99	66.35	26.57	0.85	10.29
	Gender not reported	0	99				
	American Indian or Alaskan Native	3	99				
	Asian	5	99				
	Black or African American	11	99	64.55	27.55	0.66	16.06
	Hispanic or Latino	2	99				
	Native Hawaiian or Pacific Islander	0	99				
	White (non-Hispanic)	185	99	67.25	24.43	0.80	10.93
	No primary race/ethnicity reported	0	99				
	Currently receiving LEP services	9	99				
	Former LEP student - monitoring year 1	0	99				
	Former LEP student - monitoring year 2	0	99				
	LEP: all other students	197	99	67.97	24.53	0.80	10.97
	Students with an IEP	206	99	67.71	24.38	0.79	11.17
	IEP: all other students	0	99				
Economically disadvantaged students	127	99	71.06	23.28	0.71	12.54	

continued

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
7	SES: all other students	79	99	62.33	25.28	0.86	9.46
	Migrant students	0	99				
	Migrant: all other students	206	99	67.71	24.38	0.79	11.17
	Students receiving Title 1 services	8	99				
	Title 1: all other students	198	99	67.43	24.61	0.79	11.28
	Plan 504	0	99				
	Plan 504: all other students	206	99	67.71	24.38	0.79	11.17
HS	All students	240	129	75.88	35.56	0.81	15.50
	Male	142	129	74.17	36.30	0.86	13.58
	Female	98	129	78.36	34.50	0.63	20.99
	Gender not reported	0	129				
	American Indian or Alaskan Native	4	129				
	Asian	3	129				
	Black or African American	6	129				
	Hispanic or Latino	5	129				
	Native Hawaiian or Pacific Islander	0	129				
	White (non-Hispanic)	222	129	76.14	36.06	0.82	15.30
	No primary race/ethnicity reported	0	129				
	Currently receiving LEP services	4	129				
	Former LEP student - monitoring year 1	0	129				
	Former LEP student - monitoring year 2	0	129				
	LEP: all other students	236	129	75.52	35.55	0.81	15.50
	Students with an IEP	240	129	75.88	35.56	0.81	15.50
	IEP: all other students	0	129				
	Economically disadvantaged students	140	129	79.04	33.94	0.72	17.96
	SES: all other students	100	129	71.45	37.44	0.86	14.01
	Migrant students	0	129				
	Migrant: all other students	240	129	75.88	35.56	0.81	15.50
	Students receiving Title 1 services	3	129				
	Title 1: all other students	237	129	75.76	35.33	0.81	15.40
	Plan 504	0	129				
	Plan 504: all other students	240	129	75.88	35.56	0.81	15.50

Table H-2. 2009–10 PAAP: Subgroup Reliabilities – Reading

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
2	All students	198	46	26.68	9.44	0.74	4.81
	Male	137	46	26.96	9.39	0.72	4.97
	Female	61	46	26.03	9.62	0.77	4.61
	Gender not reported	0	46				
	American Indian or Alaskan Native	3	46				
	Asian	1	46				
	Black or African American	10	46	22.90	9.68	0.70	5.30
	Hispanic or Latino	4	46				
	Native Hawaiian or Pacific Islander	0	46				
	White (non-Hispanic)	180	46	26.73	9.44	0.67	5.42
	No primary race/ethnicity reported	0	46				
	Currently receiving LEP services	7	46				
	Former LEP student - monitoring year 1	0	46				
	Former LEP student - monitoring year 2	0	46				
	LEP: all other students	191	46	26.74	9.53	0.75	4.77
	Students with an IEP	198	46	26.68	9.44	0.74	4.81
	IEP: all other students	0	46				
	Economically disadvantaged students	143	46	27.25	9.43	0.70	5.17
	SES: all other students	55	46	25.18	9.39	0.79	4.30
	Migrant students	0	46				
	Migrant: all other students	198	46	26.68	9.44	0.74	4.81
	Students receiving Title 1 services	15	46	26.27	9.73	0.76	4.77
	Title 1: all other students	183	46	26.71	9.45	0.74	4.82
	Plan 504	0	46				
	Plan 504: all other students	198	46	26.68	9.44	0.74	4.81
	3	All students	208	46	28.38	11.14	0.74
Male		149	46	28.18	10.81	0.59	6.92
Female		59	46	28.88	12.02	0.87	4.33
Gender not reported		0	46				
American Indian or Alaskan Native		3	46				
Asian		1	46				
Black or African American		6	46				
Hispanic or Latino		10	46	25.00	10.67	0.59	6.83
Native Hawaiian or Pacific Islander		0	46				
White (non-Hispanic)		188	46	28.60	11.18	0.73	5.81

continued

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
3	No primary race/ethnicity reported	0	46				
	Currently receiving LEP services	7	46				
	Former LEP student - monitoring year 1	0	46				
	Former LEP student - monitoring year 2	0	46				
	LEP: all other students	201	46	28.66	11.13	0.73	5.78
	Students with an IEP	208	46	28.38	11.14	0.74	5.68
	IEP: all other students	0	46				
	Economically disadvantaged students	147	46	29.48	10.71	0.69	5.96
	SES: all other students	61	46	25.74	11.80	0.81	5.14
	Migrant students	0	46				
	Migrant: all other students	208	46	28.38	11.14	0.74	5.68
	Students receiving Title 1 services	6	46				
	Title 1: all other students	202	46	28.22	11.14	0.74	5.68
	Plan 504	0	46				
	Plan 504: all other students	208	46	28.38	11.14	0.74	5.68
4	All students	251	46	32.12	10.92	0.77	5.24
	Male	183	46	32.07	10.80	0.76	5.29
	Female	68	46	32.25	11.30	0.79	5.18
	Gender not reported	0	46				
	American Indian or Alaskan Native	2	46				
	Asian	3	46				
	Black or African American	10	46	31.20	12.31	0.95	2.75
	Hispanic or Latino	3	46				
	Native Hawaiian or Pacific Islander	0	46				
	White (non-Hispanic)	233	46	32.31	10.86	0.74	5.54
	No primary race/ethnicity reported	0	46				
	Currently receiving LEP services	7	46				
	Former LEP student - monitoring year 1	0	46				
	Former LEP student - monitoring year 2	0	46				
	LEP: all other students	244	46	32.25	10.85	0.74	5.53
Students with an IEP	251	46	32.12	10.92	0.77	5.24	
IEP: all other students	0	46					
Economically disadvantaged students	174	46	33.44	10.54	0.74	5.37	
SES: all other students	77	46	29.13	11.22	0.80	5.02	
Migrant students	0	46					
Migrant: all other students	251	46	32.12	10.92	0.77	5.24	

continued

Grade	Group	Number of students	Raw score			Alpha	SEM	
			Maximum	Mean	Standard deviation			
4	Students receiving Title 1 services	7	46					
	Title 1: all other students	244	46	32.34	10.64	0.72	5.63	
	Plan 504	0	46					
	Plan 504: all other students	251	46	32.12	10.92	0.77	5.24	
5	All students	208	46	35.68	11.12	0.57	7.29	
	Male	132	46	35.18	11.54	0.65	6.83	
	Female	76	46	36.55	10.37	0.36	8.30	
	Gender not reported	0	46					
	American Indian or Alaskan Native	4	46					
	Asian	3	46					
	Black or African American	1	46					
	Hispanic or Latino	2	46					
	Native Hawaiian or Pacific Islander	0	46					
	White (non-Hispanic)	198	46	35.60	11.31	0.58	7.33	
	No primary race/ethnicity reported	0	46					
	Currently receiving LEP services	3	46					
	Former LEP student - monitoring year 1	0	46					
	Former LEP student - monitoring year 2	0	46					
	LEP: all other students	205	46	35.68	11.19	0.57	7.34	
	Students with an IEP	208	46	35.68	11.12	0.57	7.29	
	IEP: all other students	0	46					
	Economically disadvantaged students	146	46	37.40	10.20	0.58	6.61	
	SES: all other students	62	46	31.63	12.20	0.54	8.27	
	Migrant students	0	46					
	Migrant: all other students	208	46	35.68	11.12	0.57	7.29	
	Students receiving Title 1 services	10	46	34.40	13.65	0.91	4.10	
	Title 1: all other students	198	46	35.75	11.02	0.48	7.95	
	Plan 504	1	46					
	Plan 504: all other students	207	46	35.64	11.13	0.58	7.21	
	6	All students	233	66	40.57	16.02	0.73	8.32
		Male	162	66	39.76	15.99	0.69	8.90
Female		71	66	42.42	16.03	0.81	6.99	
Gender not reported		0	66					
American Indian or Alaskan Native		1	66					
Asian		3	66					
Black or African American		11	66	50.09	10.56	0.58	6.84	

continued

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
6	Hispanic or Latino	2	66				
	Native Hawaiian or Pacific Islander	0	66				
	White (non-Hispanic)	216	66	40.22	16.10	0.74	8.21
	No primary race/ethnicity reported	0	66				
	Currently receiving LEP services	6	66				
	Former LEP student - monitoring year 1	0	66				
	Former LEP student - monitoring year 2	0	66				
	LEP: all other students	227	66	40.52	16.00	0.73	8.31
	Students with an IEP	233	66	40.57	16.02	0.73	8.32
	IEP: all other students	0	66				
	Economically disadvantaged students	150	66	42.83	14.83	0.66	8.65
	SES: all other students	83	66	36.48	17.33	0.82	7.35
	Migrant students	0	66				
	Migrant: all other students	233	66	40.57	16.02	0.73	8.32
	Students receiving Title 1 services	14	66	55.21	7.00	0.51	4.90
	Title 1: all other students	219	66	39.63	15.98	0.73	8.30
	Plan 504	0	66				
Plan 504: all other students	233	66	40.57	16.02	0.73	8.32	
7	All students	217	66	46.40	17.12	0.64	10.27
	Male	142	66	47.41	16.16	0.66	9.42
	Female	75	66	44.48	18.77	0.62	11.57
	Gender not reported	0	66				
	American Indian or Alaskan Native	3	66				
	Asian	5	66				
	Black or African American	11	66	44.91	16.68	0.56	11.06
	Hispanic or Latino	2	66				
	Native Hawaiian or Pacific Islander	0	66				
	White (non-Hispanic)	196	66	46.01	17.37	0.65	10.28
	No primary race/ethnicity reported	0	66				
	Currently receiving LEP services	9	66				
	Former LEP student - monitoring year 1	0	66				
	Former LEP student - monitoring year 2	0	66				
	LEP: all other students	208	66	46.46	17.23	0.65	10.19
	Students with an IEP	217	66	46.40	17.12	0.64	10.27
	IEP: all other students	0	66				
Economically disadvantaged students	133	66	48.49	16.63	0.65	9.84	

continued

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
7	SES: all other students	84	66	43.08	17.46	0.63	10.62
	Migrant students	0	66				
	Migrant: all other students	217	66	46.40	17.12	0.64	10.27
	Students receiving Title 1 services	8	66				
	Title 1: all other students	209	66	46.13	17.29	0.64	10.37
	Plan 504	1	66				
	Plan 504: all other students	216	66	46.31	17.11	0.64	10.27
HS	All students	242	86	51.65	22.62	0.67	12.99
	Male	144	86	50.91	23.12	0.74	11.79
	Female	98	86	52.73	21.93	0.51	15.35
	Gender not reported	0	86				
	American Indian or Alaskan Native	4	86				
	Asian	3	86				
	Black or African American	6	86				
	Hispanic or Latino	5	86				
	Native Hawaiian or Pacific Islander	0	86				
	White (non-Hispanic)	224	86	52.21	22.75	0.68	12.87
	No primary race/ethnicity reported	0	86				
	Currently receiving LEP services	4	86				
	Former LEP student - monitoring year 1	0	86				
	Former LEP student - monitoring year 2	0	86				
	LEP: all other students	238	86	51.47	22.58	0.68	12.77
	Students with an IEP	242	86	51.65	22.62	0.67	12.99
	IEP: all other students	0	86				
	Economically disadvantaged students	143	86	53.76	21.49	0.56	14.25
	SES: all other students	99	86	48.61	23.94	0.79	10.97
	Migrant students	0	86				
	Migrant: all other students	242	86	51.65	22.62	0.67	12.99
	Students receiving Title 1 services	3	86				
	Title 1: all other students	239	86	51.74	22.59	0.68	12.78
	Plan 504	0	86				
	Plan 504: all other students	242	86	51.65	22.62	0.67	12.99

Table H-3. 2009–10 PAAP: Subgroup Reliabilities – Science

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
5	All students	181	69	48.74	16.96	0.81	7.39
	Male	115	69	48.57	17.77	0.84	7.11
	Female	66	69	49.05	15.55	0.61	9.71
	Gender not reported	0	69				
	American Indian or Alaskan Native	3	69				
	Asian	2	69				
	Black or African American	1	69				
	Hispanic or Latino	2	69				
	Native Hawaiian or Pacific Islander	0	69				
	White (non-Hispanic)	173	69	48.40	17.14	0.83	7.07
	No primary race/ethnicity reported	0	69				
	Currently receiving LEP services	3	69				
	Former LEP student - monitoring year 1	0	69				
	Former LEP student - monitoring year 2	0	69				
	LEP: all other students	178	69	48.72	17.05	0.83	7.03
	Students with an IEP	181	69	48.74	16.96	0.81	7.39
	IEP: all other students	0	69				
	Economically disadvantaged students	125	69	51.40	16.28	0.86	6.09
	SES: all other students	56	69	42.80	17.07	0.58	11.06
	Migrant students	0	69				
	Migrant: all other students	181	69	48.74	16.96	0.81	7.39
	Students receiving Title 1 services	7	69				
	Title 1: all other students	174	69	49.24	16.67	0.74	8.50
Plan 504	1	69					
Plan 504: all other students	180	69	48.64	16.95	0.81	7.39	
8	All students	219	99	67.54	22.01	0.70	12.06
	Male	132	99	64.42	23.13	0.60	14.63
	Female	87	99	72.26	19.39	0.78	9.09
	Gender not reported	0	99				
	American Indian or Alaskan Native	5	99				
	Asian	1	99				
	Black or African American	4	99				
	Hispanic or Latino	2	99				
	Native Hawaiian or Pacific Islander	0	99				
	White (non-Hispanic)	207	99	66.74	22.14	0.70	12.13

continued

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
8	No primary race/ethnicity reported	0	99				
	Currently receiving LEP services	3	99				
	Former LEP student - monitoring year 1	0	99				
	Former LEP student - monitoring year 2	0	99				
	LEP: all other students	216	99	67.59	22.10	0.70	12.10
	Students with an IEP	219	99	67.54	22.01	0.70	12.06
	IEP: all other students	0	99				
	Economically disadvantaged students	134	99	71.61	20.26	0.39	15.82
	SES: all other students	85	99	61.12	23.22	0.81	10.12
	Migrant students	0	99				
	Migrant: all other students	219	99	67.54	22.01	0.70	12.06
	Students receiving Title 1 services	11	99	84.82	4.94	0.00	4.94
	Title 1: all other students	208	99	66.63	22.19	0.70	12.15
	Plan 504	0	99				
	Plan 504: all other students	219	99	67.54	22.01	0.70	12.06
HS	All students	228	129	72.07	31.59	0.73	16.41
	Male	136	129	72.64	32.09	0.75	16.05
	Female	92	129	71.24	30.99	0.69	17.25
	Gender not reported	0	129				
	American Indian or Alaskan Native	4	129				
	Asian	3	129				
	Black or African American	6	129				
	Hispanic or Latino	4	129				
	Native Hawaiian or Pacific Islander	0	129				
	White (non-Hispanic)	211	129	72.22	31.90	0.73	16.58
	No primary race/ethnicity reported	0	129				
	Currently receiving LEP services	4	129				
	Former LEP student - monitoring year 1	0	129				
	Former LEP student - monitoring year 2	0	129				
	LEP: all other students	224	129	71.85	31.47	0.73	16.35
Students with an IEP	228	129	72.07	31.59	0.73	16.41	
IEP: all other students	0	129					
Economically disadvantaged students	135	129	74.50	30.06	0.71	16.19	
SES: all other students	93	129	68.55	33.53	0.75	16.77	
Migrant students	0	129					
Migrant: all other students	228	129	72.07	31.59	0.73	16.41	

continued

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
HS	Students receiving Title 1 services	3	129				
	Title 1: all other students	225	129	72.07	31.45	0.73	16.34
	Plan 504	0	129				
	Plan 504: all other students	228	129	72.07	31.59	0.73	16.41

Table H-4. 2009–10 PAAP: Subgroup Reliabilities – Writing

Grade	Group	Number of students	Raw score			Alpha	SEM	
			Maximum	Mean	Standard deviation			
4	All students	241	23	14.56	5.81	0.54	3.94	
	Male	176	23	14.48	5.70	0.53	3.91	
	Female	65	23	14.78	6.14	0.55	4.12	
	Gender not reported	0	23					
	American Indian or Alaskan Native	2	23					
	Asian	3	23					
	Black or African American	9	23					
	Hispanic or Latino	3	23					
	Native Hawaiian or Pacific Islander	0	23					
	White (non-Hispanic)	224	23	14.66	5.71	0.49	4.08	
	No primary race/ethnicity reported	0	23					
	Currently receiving LEP services	6	23					
	Former LEP student - monitoring year 1	0	23					
	Former LEP student - monitoring year 2	0	23					
	LEP: all other students	235	23	14.59	5.78	0.48	4.17	
	Students with an IEP	241	23	14.56	5.81	0.54	3.94	
	IEP: all other students	0	23					
	Economically disadvantaged students	168	23	15.05	5.87	0.59	3.76	
	SES: all other students	73	23	13.44	5.53	0.35	4.46	
	Migrant students	0	23					
	Migrant: all other students	241	23	14.56	5.81	0.54	3.94	
	Students receiving Title 1 services	6	23					
	Title 1: all other students	235	23	14.66	5.73	0.47	4.17	
	Plan 504	0	23					
	Plan 504: all other students	241	23	14.56	5.81	0.54	3.94	
	7	All students	205	33	20.73	8.28	0.39	6.47

continued

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
7	Male	132	33	20.98	7.86	0.26	6.76
	Female	73	33	20.27	9.03	0.55	6.06
	Gender not reported	0	33				
	American Indian or Alaskan Native	3	33				
	Asian	5	33				
	Black or African American	11	33	20.00	9.30	0.00	9.30
	Hispanic or Latino	1	33				
	Native Hawaiian or Pacific Islander	0	33				
	White (non-Hispanic)	185	33	20.61	8.27	0.42	6.30
	No primary race/ethnicity reported	0	33				
	Currently receiving LEP services	9	33				
	Former LEP student - monitoring year 1	0	33				
	Former LEP student - monitoring year 2	0	33				
	LEP: all other students	196	33	20.79	8.27	0.40	6.41
	Students with an IEP	205	33	20.73	8.28	0.39	6.47
	IEP: all other students	0	33				
	Economically disadvantaged students	127	33	22.26	8.02	0.17	7.31
	SES: all other students	78	33	18.24	8.13	0.54	5.51
	Migrant students	0	33				
	Migrant: all other students	205	33	20.73	8.28	0.39	6.47
	Students receiving Title 1 services	8	33				
	Title 1: all other students	197	33	20.69	8.23	0.39	6.43
	Plan 504	0	33				
Plan 504: all other students	205	33	20.73	8.28	0.39	6.47	
HS	All students	232	43	23.07	10.82	0.64	6.49
	Male	138	43	22.32	10.71	0.72	5.67
	Female	94	43	24.18	10.95	0.26	9.42
	Gender not reported	0	43				
	American Indian or Alaskan Native	4	43				
	Asian	3	43				
	Black or African American	6	43				
	Hispanic or Latino	5	43				
	Native Hawaiian or Pacific Islander	0	43				
	White (non-Hispanic)	214	43	23.25	11.08	0.66	6.46
	No primary race/ethnicity reported	0	43				
	Currently receiving LEP services	4	43				

continued

Grade	Group	Number of students	Raw score			Alpha	SEM
			Maximum	Mean	Standard deviation		
HS	Former LEP student - monitoring year 1	0	43				
	Former LEP student - monitoring year 2	0	43				
	LEP: all other students	228	43	22.99	10.83	0.64	6.50
	Students with an IEP	232	43	23.07	10.82	0.64	6.49
	IEP: all other students	0	43				
	Economically disadvantaged students	137	43	24.31	10.46	0.52	7.25
	SES: all other students	95	43	21.29	11.15	0.74	5.69
	Migrant students	0	43				
	Migrant: all other students	232	43	23.07	10.82	0.64	6.49
	Students receiving Title 1 services	3	43				
	Title 1: all other students	229	43	23.01	10.76	0.64	6.46
	Plan 504	0	43				
	Plan 504: all other students	232	43	23.07	10.82	0.64	6.49

