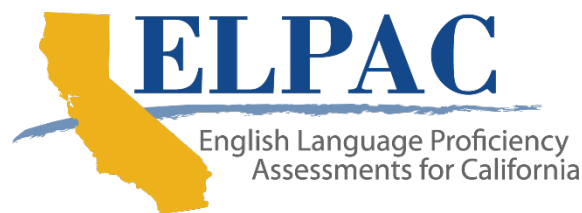




**California Department of Education
Assessment Development &
Administration Division**



**Computer-based Summative English
Language Proficiency Assessments for
California (ELPAC) Fall 2019 Field Test
Technical Report**

Chapter 7 Appendices

**Submitted September 21, 2020
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Appendix 7.A: Correlations Between Summative Domains by Administration and Delivery Mode

Note: In [Table 7.A.1](#) through [Table 7.A.18](#)

- FT = field test,
- OP = operational test,
- CBA = computer-based assessment,
- PPT = paper-pencil test,
- L = Listening,
- S = Speaking,
- R = Reading,
- W = Writing,
- a hyphen (-) indicates that the cell contains repeated data, and
- x.xx indicates that correlations are not available because each student responded to either Listening and Speaking or Reading and Writing in the field test PPT administration. Corresponding results from the 2018–19 operational administration also are reported as x.xx.

Table 7.A.1 Correlations Between Domains by Administration for Kindergarten

PPT (2019 FT)	L	S	R	W	PPT (2019 OP)	L	S	R	W
L	1.00	-	-	-	L	1.00	-	-	-
S	0.60	1.00	-	-	S	0.67	1.00	-	-
R	x.xx	x.xx	1.00	-	R	x.xx	x.xx	1.00	-
W	x.xx	x.xx	0.24	1.00	W	x.xx	x.xx	0.69	1.00

Table 7.A.2 Correlations Between Domains by Administration for Grade One

PPT (2019 FT)	L	S	R	W	PPT (2019 OP)	L	S	R	W
L	1.00	-	-	-	L	1.00	-	-	-
S	0.58	1.00	-	-	S	0.69	1.00	-	-
R	x.xx	x.xx	1.00	-	R	x.xx	x.xx	1.00	-
W	x.xx	x.xx	0.34	1.00	W	x.xx	x.xx	0.76	1.00

Table 7.A.3 Correlations Between Domains by Administration for Grade Two

PPT (2019 FT)	L	S	R	W	PPT (2019 OP)	L	S	R	W
L	1.00	-	-	-	L	1.00	-	-	-
S	0.60	1.00	-	-	S	0.67	1.00	-	-
R	x.xx	x.xx	1.00	-	R	x.xx	x.xx	1.00	-
W	x.xx	x.xx	0.37	1.00	W	x.xx	x.xx	0.76	1.00

Table 7.A.4 Correlations Between Domains by Administration for Grade Span Three Through Five

PPT (2019 FT)	L	S	R	W	PPT (2019 OP)	L	S	R	W
L	1.00	-	-	-	L	1.00	-	-	-
S	0.47	1.00	-	-	S	0.64	1.00	-	-
R	x.xx	x.xx	1.00	-	R	x.xx	x.xx	1.00	-
W	x.xx	x.xx	0.69	1.00	W	x.xx	x.xx	0.74	1.00

Table 7.A.5 Correlations Between Domains by Administration for Grade Span Six Through Eight

PPT (2019 FT)	L	S	R	W	PPT (2019 OP)	L	S	R	W
L	1.00	-	-	-	L	1.00	-	-	-
S	0.50	1.00	-	-	S	0.65	1.00	-	-
R	x.xx	x.xx	1.00	-	R	x.xx	x.xx	1.00	-
W	x.xx	x.xx	0.56	1.00	W	x.xx	x.xx	0.60	1.00

Table 7.A.6 Correlations Between Domains by Administration for Grade Span Ten and Eleven

PPT (2019 FT)	L	S	R	W	PPT (2019 OP)	L	S	R	W
L	1.00	-	-	-	L	1.00	-	-	-
S	0.70	1.00	-	-	S	0.70	1.00	-	-
R	x.xx	x.xx	1.00	-	R	x.xx	x.xx	1.00	-
W	x.xx	x.xx	0.61	1.00	W	x.xx	x.xx	0.67	1.00

Table 7.A.7 Correlations Between Domains by Administration for Grade Span Eleven and Twelve

PPT (2019 FT)	L	S	R	W	PPT (2019 OP)	L	S	R	W
L	1.00	-	-	-	L	1.00	-	-	-
S	0.59	1.00	-	-	S	0.68	1.00	-	-
R	x.xx	x.xx	1.00	-	R	x.xx	x.xx	1.00	-
W	x.xx	x.xx	0.62	1.00	W	x.xx	x.xx	0.70	1.00

Table 7.A.8 Correlations Between Domains by Delivery Mode for Kindergarten

CBA (2019 FT)	L	S	PPT (2018 OP)	L	S
L	1.00	-	L	1.00	-
S	0.65	1.00	S	0.66	1.00

Table 7.A.9 Correlations Between Domains by Delivery Mode for Grade One

CBA (2019 FT)	L	S	PPT (2018 OP)	L	S
L	1.00	-	L	1.00	-
S	0.59	1.00	S	0.65	1.00

Table 7.A.10 Correlations Between Domains by Delivery Mode for Grade Two

CBA (2019 FT)	L	S	PPT (2018 OP)	L	S
L	1.00	-	L	1.00	-
S	0.59	1.00	S	0.59	1.00

Table 7.A.11 Correlations Between Domains by Delivery Mode for Grade Span Three Through Five

CBA (2019 FT)	L	S	PPT (2018 OP)	L	S
L	1.00	-	L	1.00	-
S	0.44	1.00	S	0.54	1.00

Table 7.A.12 Correlations Between Domains by Delivery Mode for Grade Span Six Through Eight

CBA (2019 FT)			PPT (2018 OP)		
	L	S		L	S
L	1.00	-	L	1.00	-
S	0.50	1.00	S	0.53	1.00

Table 7.A.13 Correlations Between Domains by Delivery Mode for Grade Span Nine and Ten

CBA (2019 FT)			PPT (2018 OP)		
	L	S		L	S
L	1.00	-	L	1.00	-
S	0.62	1.00	S	0.60	1.00

Table 7.A.14 Correlations Between Domains by Delivery Mode for Grade Span Eleven and Twelve

CBA (2019 FT)			PPT (2018 OP)		
	L	S		L	S
L	1.00	-	L	1.00	-
S	0.69	1.00	S	0.57	1.00

Table 7.A.15 Correlations Between Domains by Delivery Mode for Grade Span Three Through Five

CBA (2019 FT)			PPT (2018 OP)		
	R	W		R	W
R	1.00	-	R	1.00	-
W	0.68	1.00	W	0.68	1.00

Table 7.A.16 Correlations Between Domains by Delivery Mode for Grade Span Six Through Eight

CBA (2019 FT)			PPT (2018 OP)		
	R	W		R	W
R	1.00	-	R	1.00	-
W	0.58	1.00	W	0.58	1.00

Table 7.A.17 Correlations Between Domains by Delivery Mode for Grade Span Nine and Ten

CBA (2019 FT)			PPT (2018 OP)		
	R	W		R	W
R	1.00	-	R	1.00	-
W	0.66	1.00	W	0.65	1.00

Table 7.A.18 Correlations Between Domains by Delivery Mode for Grade Span Eleven and Twelve

CBA (2019 FT)	R	W	PPT (2018 OP)	R	W
R	1.00	-	R	1.00	-
W	0.66	1.00	W	0.63	1.00

Appendix 7.B: Reliability of ELPAC Performance Classification

Table 7.B.1 F1 Reliability Coefficient Alpha for Domain, Composite, and Overall Scores

Grade	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
K	1,113	0.78	1,046	0.82	1,103	0.82	991	0.89	1,030	0.87	1,008	0.91	942	0.93
1	873	0.72	818	0.78	875	0.86	806	0.80	793	0.82	792	0.89	714	0.91
2	1,127	0.73	1,003	0.78	1,098	0.87	1,011	0.82	982	0.86	959	0.90	893	0.91
3	900	0.61	785	0.79	903	0.73	870	0.75	780	0.80	871	0.82	750	0.88
4	734	0.59	652	0.80	726	0.78	721	0.73	642	0.79	707	0.84	622	0.87
5	280	0.71	250	0.84	280	0.77	277	0.71	244	0.83	269	0.83	244	0.89
6	655	0.67	584	0.88	635	0.64	617	0.76	575	0.87	618	0.77	553	0.89
7	535	0.70	509	0.87	524	0.72	520	0.79	497	0.87	520	0.81	486	0.91
8	317	0.77	246	0.91	320	0.73	309	0.77	246	0.91	312	0.82	242	0.93
9	245	0.71	203	0.91	236	0.81	243	0.77	206	0.91	227	0.86	198	0.93
10	331	0.70	282	0.88	337	0.81	332	0.81	288	0.91	333	0.86	282	0.93
11	291	0.79	246	0.86	293	0.78	282	0.73	244	0.88	283	0.84	241	0.91
12	245	0.82	201	0.89	241	0.82	234	0.77	197	0.90	233	0.87	194	0.94

Note: In [Table 7.B.2](#) through [Table 7.B.14](#), “N/A” indicates that reliability indices were not calculated for student groups with 30 or fewer students.

Table 7.B.2 F1 Reliability Estimates by Student Group for Kindergarten

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	564	0.76	533	0.80	564	0.81	507	0.89	523	0.86	519	0.92	482	0.92
Female	549	0.79	513	0.84	539	0.82	484	0.89	507	0.88	489	0.91	460	0.93
American Indian or Alaska Native	1	N/A	0	N/A	1	N/A	1	N/A	0	N/A	1	N/A	0	N/A
Asian	135	0.80	129	0.81	136	0.79	127	0.88	128	0.85	126	0.90	120	0.91
Native Hawaiian or Other Pacific Islander	1	N/A	0	N/A	1	N/A	1	N/A	0	N/A	1	N/A	0	N/A
Filipino	8	N/A	8	N/A	8	N/A	8	N/A	8	N/A	8	N/A	8	N/A
Hispanic or Latino	916	0.77	859	0.82	906	0.81	807	0.88	844	0.87	824	0.91	768	0.92
Black or African American	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
White	34	0.75	33	0.87	34	0.81	32	0.88	32	0.86	32	0.91	30	N/A
Two or more races	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A
Economically disadvantaged	720	0.77	684	0.82	715	0.81	632	0.89	671	0.87	649	0.91	608	0.93
Not economically disadvantaged	153	0.80	146	0.83	151	0.82	144	0.89	145	0.88	145	0.91	138	0.92
Special education services	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
No special education services	1,113	0.78	1,046	0.82	1,103	0.82	991	0.89	1,030	0.87	1,008	0.91	942	0.93
Migrant	31	0.73	31	0.78	33	0.88	31	0.88	29	N/A	29	N/A	27	N/A
Nonmigrant	1,082	0.78	1,015	0.82	1,070	0.81	960	0.89	1,001	0.87	979	0.91	915	0.93

Table 7.B.3 F1 Reliability Estimates by Student Group for Grade One

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	445	0.75	417	0.79	444	0.86	398	0.80	406	0.83	393	0.89	358	0.91
Female	428	0.68	401	0.77	431	0.85	408	0.81	387	0.80	399	0.89	356	0.90
American Indian or Alaska Native	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Asian	55	0.71	54	0.80	56	0.92	52	0.68	53	0.83	52	0.89	50	0.92
Native Hawaiian or Other Pacific Islander	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
Filipino	7	N/A	7	N/A	7	N/A	7	N/A	7	N/A	7	N/A	7	N/A
Hispanic or Latino	784	0.72	732	0.78	785	0.85	723	0.79	708	0.82	709	0.88	634	0.89
Black or African American	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
White	21	N/A	19	N/A	21	N/A	18	N/A	19	N/A	18	N/A	17	N/A
Two or more races	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A
Economically disadvantaged	618	0.72	580	0.79	614	0.86	570	0.80	563	0.82	557	0.89	504	0.90
Not economically disadvantaged	101	0.68	94	0.77	100	0.88	94	0.83	94	0.81	94	0.89	91	0.90
Special education services	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
No special education services	871	0.72	816	0.78	873	0.86	804	0.80	791	0.82	790	0.89	712	0.91
Migrant	39	0.78	36	0.87	39	0.79	33	0.76	36	0.88	33	0.86	30	N/A
Nonmigrant	834	0.72	782	0.77	836	0.86	773	0.80	757	0.81	759	0.89	684	0.91

Table 7.B.4 F1 Reliability Estimates by Student Group for Grade Two

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	587	0.73	517	0.77	573	0.88	522	0.83	509	0.87	500	0.90	462	0.92
Female	540	0.72	486	0.79	525	0.85	489	0.80	473	0.84	459	0.89	431	0.91
American Indian or Alaska Native	2	N/A	1	N/A	2	N/A	2	N/A	1	N/A	2	N/A	1	N/A
Asian	115	0.80	112	0.83	114	0.89	110	0.88	112	0.90	111	0.92	109	0.94
Native Hawaiian or Other Pacific Islander	3	N/A	2	N/A	3	N/A	2	N/A	2	N/A	2	N/A	2	N/A
Filipino	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A
Hispanic or Latino	940	0.72	822	0.76	909	0.86	829	0.81	804	0.85	778	0.89	720	0.90
Black or African American	5	N/A	3	N/A	5	N/A	5	N/A	3	N/A	5	N/A	3	N/A
White	44	0.75	45	0.85	46	0.89	44	0.83	43	0.89	43	0.91	41	0.92
Two or more races	7	N/A	6	N/A	7	N/A	7	N/A	6	N/A	7	N/A	6	N/A
Economically disadvantaged	740	0.72	667	0.77	718	0.87	668	0.81	647	0.85	625	0.89	576	0.91
Not economically disadvantaged	130	0.76	120	0.82	128	0.87	127	0.84	122	0.90	127	0.90	119	0.92
Special education services	6	N/A	5	N/A	5	N/A	6	N/A	5	N/A	5	N/A	5	N/A
No special education services	1,121	0.73	998	0.78	1,093	0.87	1,005	0.82	977	0.86	954	0.90	888	0.91
Migrant	48	0.83	38	0.87	46	0.85	37	0.88	38	0.93	34	0.90	33	0.95
Nonmigrant	1,079	0.72	965	0.77	1,052	0.87	974	0.81	944	0.85	925	0.90	860	0.91

Table 7.B.5 F1 Reliability Estimates by Student Group for Grade Three

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	455	0.63	398	0.79	457	0.73	438	0.77	396	0.82	441	0.83	382	0.89
Female	445	0.58	387	0.79	446	0.72	432	0.72	384	0.78	430	0.81	368	0.87
American Indian or Alaska Native	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Asian	76	0.70	72	0.87	73	0.84	74	0.80	72	0.86	73	0.88	70	0.93
Native Hawaiian or Other Pacific Islander	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
Filipino	5	N/A	4	N/A	5	N/A	5	N/A	4	N/A	5	N/A	4	N/A
Hispanic or Latino	775	0.59	666	0.77	781	0.69	749	0.74	661	0.79	751	0.81	635	0.86
Black or African American	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A
White	36	0.71	35	0.86	36	0.75	34	0.75	35	0.85	34	0.83	33	0.89
Two or more races	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
Economically disadvantaged	635	0.58	545	0.79	639	0.68	617	0.76	541	0.79	616	0.80	520	0.86
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Special education services	5	N/A	5	N/A	5	N/A	4	N/A	5	N/A	4	N/A	4	N/A
No special education services	895	0.61	780	0.79	898	0.72	866	0.75	775	0.80	867	0.82	746	0.88
Migrant	34	0.57	28	N/A	36	0.75	35	0.75	28	N/A	36	0.83	28	N/A
Nonmigrant	866	0.61	757	0.79	867	0.72	835	0.75	752	0.80	835	0.82	722	0.88

Table 7.B.6 F1 Reliability Estimates by Student Group for Grade Four

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	393	0.63	352	0.83	391	0.80	379	0.75	349	0.82	379	0.85	339	0.89
Female	341	0.55	300	0.72	335	0.77	342	0.68	293	0.73	328	0.82	283	0.83
American Indian or Alaska Native	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
Asian	54	0.70	53	0.85	52	0.80	52	0.70	53	0.87	51	0.86	50	0.91
Native Hawaiian or Other Pacific Islander	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
Filipino	4	N/A	4	N/A	2	N/A	3	N/A	4	N/A	2	N/A	2	N/A
Hispanic or Latino	642	0.56	565	0.78	638	0.77	633	0.73	555	0.76	621	0.83	541	0.86
Black or African American	3	N/A	1	N/A	3	N/A	3	N/A	1	N/A	3	N/A	1	N/A
White	22	N/A	20	N/A	22	N/A	21	N/A	20	N/A	21	N/A	19	N/A
Two or more races	5	N/A	5	N/A	5	N/A	5	N/A	5	N/A	5	N/A	5	N/A
Economically disadvantaged	494	0.56	432	0.79	488	0.77	486	0.73	424	0.78	473	0.83	410	0.87
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Special education services	5	N/A	4	N/A	5	N/A	5	N/A	4	N/A	5	N/A	4	N/A
No special education services	729	0.59	648	0.80	721	0.78	716	0.73	638	0.79	702	0.84	618	0.87
Migrant	39	0.66	32	0.88	39	0.78	39	0.79	32	0.86	39	0.86	32	0.91
Nonmigrant	695	0.59	620	0.79	687	0.78	682	0.73	610	0.79	668	0.84	590	0.87

Table 7.B.7 F1 Reliability Estimates by Student Group for Grade Five

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	150	0.74	134	0.82	149	0.78	145	0.70	132	0.82	143	0.83	132	0.89
Female	130	0.67	116	0.86	131	0.75	132	0.71	112	0.84	126	0.81	112	0.89
American Indian or Alaska Native	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Asian	21	N/A	16	N/A	21	N/A	20	N/A	16	N/A	20	N/A	16	N/A
Native Hawaiian or Other Pacific Islander	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Filipino	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
Hispanic or Latino	246	0.69	222	0.83	247	0.75	245	0.71	217	0.81	237	0.82	217	0.88
Black or African American	1	N/A	2	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
White	7	N/A	7	N/A	7	N/A	7	N/A	7	N/A	7	N/A	7	N/A
Two or more races	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Economically disadvantaged	178	0.69	160	0.82	178	0.74	180	0.68	155	0.80	173	0.81	155	0.88
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Special education services	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
No special education services	280	0.71	250	0.84	280	0.77	277	0.71	244	0.83	269	0.83	244	0.89
Migrant	4	N/A	4	N/A	4	N/A	5	N/A	4	N/A	4	N/A	4	N/A
Nonmigrant	276	0.70	246	0.84	276	0.77	272	0.71	240	0.83	265	0.83	240	0.89

Table 7.B.8 F1 Reliability Estimates by Student Group for Grade Six

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	355	0.70	321	0.88	346	0.64	337	0.76	315	0.87	339	0.77	304	0.90
Female	300	0.64	263	0.87	289	0.63	280	0.74	260	0.86	279	0.76	249	0.89
American Indian or Alaska Native	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Asian	61	0.78	56	0.94	61	0.73	59	0.83	55	0.92	60	0.85	54	0.93
Native Hawaiian or Other Pacific Islander	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Filipino	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A
Hispanic or Latino	567	0.66	507	0.86	547	0.62	533	0.76	499	0.85	533	0.76	478	0.88
Black or African American	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
White	16	N/A	11	N/A	16	N/A	15	N/A	11	N/A	15	N/A	11	N/A
Two or more races	1	N/A	0	N/A	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Economically disadvantaged	449	0.65	407	0.88	435	0.61	422	0.77	400	0.86	421	0.76	384	0.89
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Special education services	2	N/A	3	N/A	3	N/A	3	N/A	2	N/A	3	N/A	2	N/A
No special education services	653	0.67	581	0.87	632	0.64	614	0.76	573	0.86	615	0.77	551	0.89
Migrant	29	N/A	24	N/A	29	N/A	26	N/A	24	N/A	26	N/A	23	N/A
Nonmigrant	626	0.67	560	0.87	606	0.65	591	0.76	551	0.86	592	0.77	530	0.89

Table 7.B.9 F1 Reliability Estimates by Student Group for Grade Seven

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	309	0.72	298	0.85	303	0.72	297	0.80	290	0.87	299	0.82	284	0.91
Female	226	0.66	211	0.89	221	0.72	223	0.77	207	0.87	221	0.81	202	0.91
American Indian or Alaska Native	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Asian	70	0.75	64	0.91	69	0.86	70	0.81	64	0.90	69	0.90	63	0.94
Native Hawaiian or Other Pacific Islander	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
Filipino	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
Hispanic or Latino	449	0.69	430	0.86	440	0.66	435	0.79	418	0.86	436	0.79	409	0.90
Black or African American	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
White	8	N/A	8	N/A	8	N/A	8	N/A	8	N/A	8	N/A	8	N/A
Two or more races	3	N/A	3	N/A	2	N/A	2	N/A	3	N/A	2	N/A	2	N/A
Economically disadvantaged	359	0.71	343	0.87	352	0.68	348	0.79	331	0.87	348	0.79	324	0.90
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Special education services	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
No special education services	533	0.70	507	0.87	522	0.72	518	0.79	495	0.87	518	0.81	484	0.91
Migrant	25	N/A	23	N/A	25	N/A	23	N/A	23	N/A	24	N/A	23	N/A
Nonmigrant	510	0.70	486	0.87	499	0.72	497	0.79	474	0.87	496	0.81	463	0.91

Table 7.B.10 F1 Reliability Estimates by Student Group for Grade Eight

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	177	0.77	137	0.90	178	0.72	170	0.78	139	0.90	172	0.82	137	0.92
Female	140	0.77	109	0.92	142	0.74	139	0.77	107	0.92	140	0.82	105	0.94
American Indian or Alaska Native	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Asian	15	N/A	14	N/A	15	N/A	15	N/A	13	N/A	15	N/A	13	N/A
Native Hawaiian or Other Pacific Islander	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Filipino	9	N/A	7	N/A	9	N/A	9	N/A	8	N/A	9	N/A	8	N/A
Hispanic or Latino	281	0.76	213	0.91	284	0.70	273	0.76	214	0.91	276	0.80	210	0.92
Black or African American	2	N/A	1	N/A	2	N/A	2	N/A	1	N/A	2	N/A	1	N/A
White	7	N/A	8	N/A	7	N/A	7	N/A	7	N/A	7	N/A	7	N/A
Two or more races	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
Economically disadvantaged	230	0.76	178	0.91	233	0.69	224	0.76	179	0.91	226	0.80	176	0.92
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Special education services	2	N/A	2	N/A	3	N/A	3	N/A	2	N/A	3	N/A	2	N/A
No special education services	315	0.77	244	0.91	317	0.73	306	0.78	244	0.91	309	0.82	240	0.93
Migrant	17	N/A	15	N/A	18	N/A	17	N/A	15	N/A	17	N/A	14	N/A
Nonmigrant	300	0.76	231	0.90	302	0.73	292	0.76	231	0.90	295	0.82	228	0.92

Table 7.B.11 F1 Reliability Estimates by Student Group for Grade Nine

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	123	0.74	109	0.92	119	0.84	118	0.76	110	0.91	114	0.87	105	0.93
Female	122	0.68	94	0.89	117	0.79	125	0.78	96	0.91	113	0.86	93	0.93
American Indian or Alaska Native	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
Asian	10	N/A	9	N/A	10	N/A	10	N/A	9	N/A	10	N/A	9	N/A
Native Hawaiian or Other Pacific Islander	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Filipino	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A
Hispanic or Latino	216	0.70	178	0.91	206	0.80	213	0.77	180	0.91	197	0.86	172	0.93
Black or African American	4	N/A	3	N/A	4	N/A	4	N/A	3	N/A	4	N/A	3	N/A
White	10	N/A	8	N/A	11	N/A	11	N/A	9	N/A	11	N/A	9	N/A
Two or more races	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Economically disadvantaged	180	0.66	149	0.90	170	0.80	179	0.76	152	0.90	164	0.86	146	0.93
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Special education services	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
No special education services	245	0.71	203	0.91	236	0.81	243	0.77	206	0.91	227	0.86	198	0.93
Migrant	21	N/A	16	N/A	20	N/A	20	N/A	21	N/A	18	N/A	18	N/A
Nonmigrant	224	0.71	187	0.89	216	0.82	223	0.76	185	0.89	209	0.87	180	0.92

Table 7.B.12 F1 Reliability Estimates by Student Group for Grade Ten

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	191	0.72	153	0.88	193	0.81	189	0.81	163	0.91	191	0.86	160	0.94
Female	140	0.68	129	0.89	144	0.81	143	0.79	125	0.89	142	0.87	122	0.93
American Indian or Alaska Native	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
Asian	18	N/A	16	N/A	17	N/A	16	N/A	16	N/A	17	N/A	15	N/A
Native Hawaiian or Other Pacific Islander	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
Filipino	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A
Hispanic or Latino	292	0.71	245	0.89	297	0.81	293	0.81	252	0.91	293	0.86	247	0.93
Black or African American	2	N/A	1	N/A	2	N/A	2	N/A	1	N/A	2	N/A	1	N/A
White	8	N/A	9	N/A	10	N/A	10	N/A	8	N/A	10	N/A	8	N/A
Two or more races	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
Economically disadvantaged	244	0.70	209	0.89	246	0.81	244	0.81	218	0.91	243	0.87	213	0.94
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Special education services	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
No special education services	329	0.70	280	0.88	335	0.81	330	0.81	286	0.91	331	0.87	280	0.93
Migrant	23	N/A	13	N/A	22	N/A	21	N/A	23	N/A	20	N/A	20	N/A
Nonmigrant	308	0.69	269	0.88	315	0.81	311	0.79	265	0.88	313	0.86	262	0.92

Table 7.B.13 F1 Reliability Estimates by Student Group for Grade Eleven

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	173	0.78	148	0.87	174	0.78	172	0.70	145	0.88	171	0.83	144	0.91
Female	118	0.80	98	0.85	119	0.79	110	0.76	99	0.89	112	0.84	97	0.92
American Indian or Alaska Native	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Asian	26	N/A	26	N/A	26	N/A	25	N/A	26	N/A	25	N/A	25	N/A
Native Hawaiian or Other Pacific Islander	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Filipino	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
Hispanic or Latino	245	0.79	203	0.86	247	0.78	237	0.74	201	0.88	238	0.83	199	0.91
Black or African American	2	N/A	1	N/A	2	N/A	2	N/A	1	N/A	2	N/A	1	N/A
White	13	N/A	11	N/A	13	N/A	13	N/A	11	N/A	13	N/A	11	N/A
Two or more races	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Economically disadvantaged	204	0.80	171	0.87	205	0.78	195	0.73	170	0.89	197	0.84	168	0.92
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Special education services	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
No special education services	289	0.79	244	0.86	291	0.78	280	0.73	242	0.88	281	0.83	239	0.91
Migrant	6	N/A	5	N/A	6	N/A	5	N/A	5	N/A	5	N/A	5	N/A
Nonmigrant	285	0.79	241	0.85	287	0.78	277	0.72	239	0.88	278	0.83	236	0.91

Table 7.B.14 F1 Reliability Estimates by Student Groups for Grade Twelve

Student Group	Listening N	Listening Alpha	Speaking N	Speaking Alpha	Reading N	Reading Alpha	Writing N	Writing Alpha	Oral Composite N	Oral Alpha	Written Composite N	Written Alpha	Overall Score N	Overall Alpha
Male	140	0.82	116	0.89	139	0.83	132	0.76	117	0.90	134	0.87	115	0.94
Female	105	0.83	85	0.89	102	0.79	102	0.76	80	0.90	99	0.86	79	0.93
American Indian or Alaska Native	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Asian	27	N/A	25	N/A	26	N/A	26	N/A	26	N/A	26	N/A	25	N/A
Native Hawaiian or Other Pacific Islander	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Filipino	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A
Hispanic or Latino	202	0.82	161	0.88	199	0.82	192	0.77	156	0.90	191	0.87	154	0.94
Black or African American	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
White	11	N/A	10	N/A	11	N/A	11	N/A	10	N/A	11	N/A	10	N/A
Two or more races	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Economically disadvantaged	176	0.83	146	0.90	174	0.83	169	0.77	143	0.91	168	0.87	140	0.94
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Special education services	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
No special education services	245	0.82	201	0.89	241	0.82	234	0.77	197	0.90	233	0.87	194	0.94
Migrant	9	N/A	6	N/A	9	N/A	6	N/A	7	N/A	6	N/A	6	N/A
Nonmigrant	236	0.83	195	0.89	232	0.82	228	0.77	190	0.90	227	0.86	188	0.93

Table 7.B.15 F1 Classification Accuracy at Each Proficiency Threshold Score, Oral Language Composite

Grade	Cut Between Level 1 and Level 2	Cut Between Level 2 and Level 3	Cut Between Level 3 and Level 4
K	0.96	0.89	0.89
1	0.98	0.89	0.86
2	0.97	0.90	0.87
3	0.97	0.87	0.86
4	0.98	0.90	0.85
5	0.96	0.90	0.86
6	0.95	0.88	0.88
7	0.95	0.86	0.89
8	0.94	0.87	0.90
9	0.91	0.86	0.92
10	0.93	0.86	0.92
11	0.93	0.87	0.91
12	0.93	0.89	0.92

Table 7.B.16 F1 Classification Accuracy at Each Proficiency Threshold Score, Written Language Composite

Grade	Cut Between Level 1 and Level 2	Cut Between Level 2 and Level 3	Cut Between Level 3 and Level 4
K	0.96	0.91	0.90
1	0.96	0.89	0.92
2	0.97	0.90	0.91
3	0.90	0.87	0.96
4	0.91	0.87	0.94
5	0.92	0.88	0.92
6	0.86	0.88	0.96
7	0.87	0.90	0.96
8	0.87	0.90	0.96
9	0.88	0.92	0.97
10	0.89	0.90	0.96
11	0.87	0.95	0.99
12	0.90	0.92	0.98

Table 7.B.17 F1 Classification Accuracy at Each Proficiency Threshold Score, Overall Score

Grade	Cut Between Level 1 and Level 2	Cut Between Level 2 and Level 3	Cut Between Level 3 and Level 4
K	0.97	0.92	0.93
1	0.98	0.92	0.92
2	0.98	0.92	0.93
3	0.94	0.89	0.94
4	0.96	0.89	0.92
5	0.95	0.90	0.91
6	0.94	0.89	0.94
7	0.93	0.90	0.94
8	0.94	0.91	0.95
9	0.94	0.92	0.96
10	0.93	0.92	0.96
11	0.92	0.92	0.97
12	0.93	0.92	0.95

Table 7.B.18 F1 Classification Consistency at Each Proficiency Threshold Score, Oral Language Composite

Grade	Cut Between Level 1 and Level 2	Cut Between Level 2 and Level 3	Cut Between Level 3 and Level 4
K	0.95	0.85	0.85
1	0.97	0.85	0.81
2	0.97	0.87	0.82
3	0.95	0.83	0.81
4	0.97	0.87	0.79
5	0.94	0.86	0.81
6	0.92	0.85	0.84
7	0.92	0.83	0.85
8	0.91	0.84	0.87
9	0.90	0.83	0.89
10	0.90	0.83	0.89
11	0.90	0.83	0.88
12	0.90	0.85	0.88

Table 7.B.19 F1 Classification Consistency at Each Proficiency Threshold Score, Written Language Composite

Grade	Cut Between Level 1 and Level 2	Cut Between Level 2 and Level 3	Cut Between Level 3 and Level 4
K	0.94	0.87	0.87
1	0.95	0.86	0.89
2	0.96	0.87	0.88
3	0.86	0.82	0.94
4	0.87	0.83	0.92
5	0.88	0.83	0.89
6	0.81	0.84	0.94
7	0.81	0.86	0.94
8	0.82	0.86	0.94
9	0.83	0.89	0.96
10	0.85	0.87	0.95
11	0.82	0.93	0.98
12	0.86	0.89	0.97

Table 7.B.20 F1 Classification Consistency at Each Proficiency Threshold Score, Overall Score

Grade	Cut Between Level 1 and Level 2	Cut Between Level 2 and Level 3	Cut Between Level 3 and Level 4
K	0.96	0.90	0.90
1	0.97	0.88	0.89
2	0.98	0.89	0.90
3	0.92	0.84	0.92
4	0.94	0.85	0.89
5	0.93	0.86	0.88
6	0.91	0.85	0.91
7	0.91	0.86	0.92
8	0.91	0.88	0.93
9	0.91	0.89	0.94
10	0.91	0.89	0.94
11	0.89	0.89	0.96
12	0.90	0.89	0.94

Table 7.B.21 F1 Classification Accuracy and Consistency for Reported Composite and Overall Scores

Grade	Oral Accuracy	Oral Consistency	Written Accuracy	Written Consistency	Overall Accuracy	Overall Consistency
K	0.75	0.67	0.78	0.70	0.82	0.75
1	0.74	0.65	0.79	0.70	0.83	0.76
2	0.75	0.67	0.79	0.71	0.84	0.78
3	0.71	0.61	0.73	0.62	0.77	0.68
4	0.73	0.64	0.72	0.62	0.77	0.68
5	0.73	0.64	0.73	0.63	0.78	0.69
6	0.72	0.64	0.71	0.61	0.77	0.68
7	0.72	0.63	0.73	0.63	0.78	0.70
8	0.74	0.66	0.73	0.63	0.80	0.72
9	0.72	0.66	0.78	0.70	0.82	0.74
10	0.73	0.65	0.76	0.67	0.82	0.74
11	0.72	0.63	0.81	0.73	0.81	0.74
12	0.74	0.65	0.80	0.72	0.82	0.74