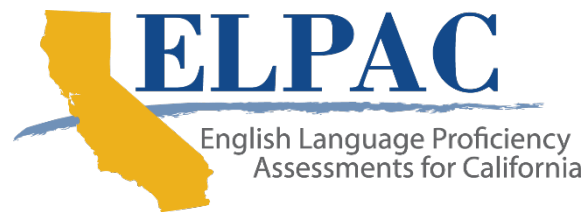




**California Department of Education
Assessment Development &
Administration Division**



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

Chapter 7 Appendices

Contract #CN140284

**Prepared for the California Department of Education by
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Appendix 7.A: Correlations Between Initial Domain and Composite Scores

Note: In [table 7.A.1](#) through [table 7.A.6](#)

- “N/A” indicates the cell contains repeated data.

Table 7.A.1 Correlation Coefficients Among Domain and Composite Scores for Kindergarten

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.652	0.702	0.431	0.854	0.636
Speaking	N/A	1.000	0.648	0.396	0.951	0.587
Reading	N/A	N/A	1.000	0.563	0.730	0.877
Writing	N/A	N/A	N/A	1.000	0.447	0.891
Oral Language	N/A	N/A	N/A	N/A	1.000	0.661
Written Language	N/A	N/A	N/A	N/A	N/A	1.000

Table 7.A.2 Correlation Coefficients Among Domain and Composite Scores for Grade One

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.625	0.652	0.582	0.905	0.658
Speaking	N/A	1.000	0.595	0.573	0.897	0.623
Reading	N/A	N/A	1.000	0.759	0.692	0.937
Writing	N/A	N/A	N/A	1.000	0.641	0.939
Oral Language	N/A	N/A	N/A	N/A	1.000	0.711
Written Language	N/A	N/A	N/A	N/A	N/A	1.000

Table 7.A.3 Correlation Coefficients Among Domain and Composite Scores for Grade Two

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.667	0.541	0.528	0.874	0.574
Speaking	N/A	1.000	0.467	0.556	0.945	0.546
Reading	N/A	N/A	1.000	0.736	0.542	0.939
Writing	N/A	N/A	N/A	1.000	0.595	0.924
Oral Language	N/A	N/A	N/A	N/A	1.000	0.608
Written Language	N/A	N/A	N/A	N/A	N/A	1.000

Table 7.A.4 Correlation Coefficients Among Domain and Composite Scores for Grade Span Three Through Five

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.538	0.644	0.605	0.821	0.678
Speaking	N/A	1.000	0.433	0.622	0.923	0.556
Reading	N/A	N/A	1.000	0.707	0.587	0.944
Writing	N/A	N/A	N/A	1.000	0.698	0.900
Oral Language	N/A	N/A	N/A	N/A	1.000	0.686
Written Language	N/A	N/A	N/A	N/A	N/A	1.000

Table 7.A.5 Correlation Coefficients Among Domain and Composite Scores for Grade Span Six Through Eight

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.659	0.601	0.682	0.851	0.719
Speaking	N/A	1.000	0.443	0.746	0.955	0.679
Reading	N/A	N/A	1.000	0.609	0.545	0.874
Writing	N/A	N/A	N/A	1.000	0.788	0.917
Oral Language	N/A	N/A	N/A	N/A	1.000	0.755
Written Language	N/A	N/A	N/A	N/A	N/A	1.000

Table 7.A.6 Correlation Coefficients Among Domain and Composite Scores for Grade Span Nine Through Twelve

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.736	0.789	0.781	0.890	0.837
Speaking	N/A	1.000	0.628	0.846	0.964	0.771
Reading	N/A	N/A	1.000	0.757	0.734	0.953
Writing	N/A	N/A	N/A	1.000	0.878	0.919
Oral Language	N/A	N/A	N/A	N/A	1.000	0.849
Written Language	N/A	N/A	N/A	N/A	N/A	1.000

Appendix 7.B: Reliability and Performance Classification Accuracy and Consistency by Grade

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

Grade	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
K	990	0.75	944	0.82	989	0.70	651	0.84	980	0.88	834	0.88	810	0.88
1	1005	0.70	963	0.77	997	0.70	957	0.72	942	0.83	957	0.82	888	0.88
2	1114	0.73	1059	0.75	1098	0.70	1041	0.76	1066	0.85	1027	0.83	995	0.89
3	699	0.63	602	0.75	703	0.47	649	0.73	603	0.85	692	0.77	591	0.88
4	612	0.67	573	0.76	610	0.61	583	0.75	562	0.87	598	0.80	543	0.90
5	536	0.69	497	0.79	546	0.62	520	0.72	479	0.87	536	0.81	468	0.90
6	771	0.59	634	0.80	761	0.52	699	0.67	649	0.84	743	0.67	632	0.87
7	460	0.67	409	0.85	450	0.50	391	0.71	425	0.88	431	0.69	406	0.90
8	360	0.68	316	0.84	350	0.62	309	0.75	336	0.89	345	0.75	329	0.91
9	520	0.74	416	0.88	507	0.62	411	0.76	475	0.91	496	0.74	457	0.92
10	436	0.78	362	0.89	429	0.59	356	0.77	399	0.92	413	0.73	386	0.92
11	319	0.78	274	0.86	315	0.65	271	0.75	297	0.91	308	0.77	288	0.93
12	236	0.79	209	0.84	234	0.64	217	0.71	217	0.89	233	0.76	216	0.91

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 Reliability Estimates by Student Groups for Kindergarten

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	463	0.74	457	0.82	465	0.69	306	0.84	465	0.87	400	0.89	389	0.88
Female	527	0.76	487	0.81	524	0.70	345	0.84	515	0.88	434	0.88	421	0.88
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	78	0.82	76	0.81	79	0.81	66	0.86	78	0.89	70	0.90	70	0.90
Native Hawaiian or Other Pacific Islander	0	N/A	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Filipino	5	N/A	6	N/A	6	N/A	2	N/A	5	N/A	4	N/A	3	N/A
Hispanic or Latino	819	0.73	783	0.81	819	0.68	518	0.83	814	0.87	687	0.87	667	0.88
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	28	N/A	25	N/A	26	N/A	22	N/A	28	N/A	23	N/A	23	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	598	0.73	565	0.81	595	0.69	378	0.83	592	0.88	497	0.87	481	0.88
Not economically disadvantaged	196	0.77	186	0.80	194	0.71	148	0.84	194	0.87	174	0.89	170	0.89
Students receiving special education services	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Students not receiving special education services	990	0.75	944	0.82	989	0.70	651	0.84	980	0.88	834	0.88	810	0.88
Migrant	33	0.67	28	N/A	33	0.66	14	N/A	35	0.89	26	N/A	25	N/A
Nonmigrant	957	0.75	916	0.81	956	0.69	637	0.84	945	0.87	808	0.88	785	0.88

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

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	480	0.69	459	0.78	475	0.66	456	0.70	449	0.84	456	0.81	422	0.88
Female	525	0.71	504	0.77	522	0.73	501	0.74	493	0.83	501	0.83	466	0.88
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	115	0.81	113	0.75	114	0.80	116	0.68	113	0.86	116	0.86	112	0.89
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	8	N/A	7	N/A	8	N/A	8	N/A	8	N/A	8	N/A	8	N/A
Hispanic or Latino	835	0.67	796	0.77	828	0.67	786	0.71	774	0.82	786	0.80	721	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	30	N/A	30	N/A	30	N/A	30	N/A	30	N/A	30	N/A	30	N/A
Two or more races	6	N/A	6	N/A	6	N/A	6	N/A	6	N/A	6	N/A	6	N/A
Economically disadvantaged	621	0.66	608	0.78	616	0.68	590	0.71	587	0.82	589	0.81	547	0.86
Not economically disadvantaged	170	0.76	160	0.77	169	0.74	169	0.70	163	0.85	169	0.83	161	0.88
Students receiving special education services	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
Students not receiving special education services	1004	0.70	962	0.77	996	0.70	956	0.72	941	0.83	956	0.82	887	0.88
Migrant	21	N/A	23	N/A	22	N/A	20	N/A	20	N/A	20	N/A	18	N/A
Nonmigrant	984	0.70	940	0.77	975	0.70	937	0.72	922	0.83	937	0.82	870	0.87

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

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	544	0.74	518	0.74	537	0.70	511	0.76	523	0.85	505	0.83	487	0.89
Female	570	0.70	541	0.76	561	0.70	530	0.76	543	0.85	522	0.82	508	0.89
American Indian or Alaska Native	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A	3	N/A
Asian	110	0.83	99	0.80	110	0.78	107	0.79	105	0.91	104	0.85	100	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	6	N/A	6	N/A	6	N/A	6	N/A	6	N/A	6	N/A	6	N/A
Hispanic or Latino	970	0.71	929	0.74	955	0.69	902	0.75	928	0.83	891	0.82	864	0.88
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	10	N/A	10	N/A	10	N/A	9	N/A	8	N/A
Two or more races	6	N/A	5	N/A	6	N/A	5	N/A	6	N/A	6	N/A	6	N/A
Economically disadvantaged	673	0.72	646	0.76	663	0.70	619	0.74	640	0.84	611	0.82	590	0.88
Not economically disadvantaged	208	0.72	196	0.69	205	0.68	203	0.78	205	0.85	199	0.82	197	0.88
Students receiving special education services	4	N/A	3	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A
Students not receiving special education services	1110	0.72	1056	0.75	1094	0.70	1037	0.76	1062	0.85	1023	0.83	991	0.89
Migrant	37	0.76	37	0.83	37	0.72	35	0.68	37	0.85	36	0.81	36	0.89
Nonmigrant	1077	0.72	1022	0.75	1061	0.70	1006	0.76	1029	0.85	991	0.83	959	0.89

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

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	357	0.64	309	0.74	354	0.48	325	0.71	311	0.83	345	0.75	303	0.87
Female	342	0.62	293	0.77	349	0.45	324	0.73	292	0.87	347	0.78	288	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	74	0.77	64	0.82	71	0.69	65	0.78	67	0.89	72	0.86	67	0.93
Native Hawaiian or Other Pacific Islander	0	N/A	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Filipino	8	N/A	7	N/A	8	N/A	8	N/A	7	N/A	8	N/A	7	N/A
Hispanic or Latino	594	0.60	513	0.73	602	0.40	558	0.72	509	0.84	589	0.74	497	0.86
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	13	N/A	12	N/A	13	N/A	12	N/A	12	N/A	13	N/A	12	N/A
Two or more races	4	N/A	3	N/A	4	N/A	4	N/A	3	N/A	4	N/A	3	N/A
Economically disadvantaged	447	0.61	395	0.70	454	0.38	422	0.72	384	0.83	447	0.73	377	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
Students receiving special education services	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A
Students not receiving special education services	695	0.63	598	0.75	699	0.47	645	0.73	599	0.85	688	0.77	587	0.88
Migrant	23	N/A	21	N/A	24	N/A	23	N/A	21	N/A	23	N/A	21	N/A
Nonmigrant	676	0.63	581	0.75	679	0.47	626	0.73	582	0.85	669	0.77	570	0.88

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

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	312	0.68	300	0.76	311	0.61	295	0.74	287	0.86	307	0.81	277	0.90
Female	300	0.66	273	0.77	299	0.62	288	0.76	275	0.87	291	0.79	266	0.89
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	76	0.76	68	0.84	77	0.79	73	0.76	72	0.91	75	0.86	70	0.93
Native Hawaiian or Other Pacific Islander	1	N/A	1	N/A	1	N/A	0	N/A	1	N/A	1	N/A	1	N/A
Filipino	9	N/A	8	N/A	9	N/A	9	N/A	8	N/A	9	N/A	8	N/A
Hispanic or Latino	504	0.65	479	0.73	503	0.54	481	0.74	463	0.86	493	0.78	447	0.88
Black or African American	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
White	10	N/A	10	N/A	10	N/A	10	N/A	10	N/A	10	N/A	10	N/A
Two or more races	8	N/A	5	N/A	7	N/A	7	N/A	5	N/A	7	N/A	4	N/A
Economically disadvantaged	391	0.63	377	0.74	390	0.56	372	0.75	356	0.84	380	0.79	343	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
Students receiving special education services	7	N/A	6	N/A	7	N/A	7	N/A	6	N/A	7	N/A	6	N/A
Students not receiving special education services	605	0.68	567	0.76	603	0.61	576	0.74	556	0.87	591	0.80	537	0.90
Migrant	28	N/A	32	0.54	28	N/A	27	N/A	28	N/A	27	N/A	27	N/A
Nonmigrant	584	0.68	541	0.77	582	0.62	556	0.75	534	0.87	571	0.80	516	0.90

Table 7.B.7 Reliability Estimates by Student Groups for Grade Five

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	278	0.69	254	0.80	283	0.62	264	0.66	244	0.87	277	0.80	239	0.90
Female	258	0.69	243	0.78	263	0.63	256	0.76	235	0.87	259	0.82	229	0.91
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	73	0.79	64	0.86	72	0.75	70	0.76	65	0.90	71	0.85	63	0.93
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	5	N/A	7	N/A	7	N/A	5	N/A	7	N/A	5	N/A
Hispanic or Latino	434	0.67	406	0.77	442	0.59	421	0.71	389	0.86	434	0.79	381	0.90
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	13	N/A	12	N/A	15	N/A	12	N/A	11	N/A	14	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	332	0.66	305	0.72	337	0.61	322	0.71	288	0.84	330	0.79	281	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
Students receiving special education services	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A	4	N/A
Students not receiving special education services	532	0.69	493	0.79	542	0.63	516	0.72	475	0.87	532	0.81	464	0.90
Migrant	12	N/A	17	N/A	15	N/A	15	N/A	11	N/A	15	N/A	11	N/A
Nonmigrant	524	0.69	480	0.79	531	0.63	505	0.71	468	0.87	521	0.81	457	0.90

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

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	416	0.61	333	0.81	408	0.51	370	0.65	343	0.85	398	0.67	334	0.88
Female	355	0.56	301	0.79	353	0.53	329	0.67	306	0.82	345	0.67	298	0.86
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	95	0.75	82	0.89	95	0.70	88	0.76	84	0.90	95	0.75	84	0.92
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	8	N/A	7	N/A	8	N/A	8	N/A	7	N/A	8	N/A	7	N/A
Hispanic or Latino	635	0.54	519	0.78	626	0.45	578	0.64	530	0.82	611	0.64	516	0.85
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	24	N/A	20	N/A	24	N/A	19	N/A	20	N/A	22	N/A	18	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	477	0.55	382	0.74	470	0.45	436	0.65	388	0.81	459	0.64	380	0.84
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Students receiving special education services	6	N/A	6	N/A	6	N/A	5	N/A	6	N/A	5	N/A	5	N/A
Students not receiving special education services	765	0.59	628	0.80	755	0.52	694	0.67	643	0.84	738	0.68	627	0.87
Migrant	12	N/A	11	N/A	12	N/A	10	N/A	10	N/A	12	N/A	10	N/A
Nonmigrant	759	0.59	623	0.80	749	0.52	689	0.67	639	0.84	731	0.67	622	0.87

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

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	252	0.69	216	0.83	249	0.50	211	0.64	227	0.89	240	0.69	221	0.91
Female	208	0.63	193	0.86	201	0.51	180	0.74	198	0.88	191	0.67	185	0.89
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	55	0.73	55	0.77	55	0.48	51	0.80	55	0.83	55	0.69	55	0.87
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	10	N/A	9	N/A	9	N/A	10	N/A	9	N/A	9	N/A	9	N/A
Hispanic or Latino	369	0.65	320	0.86	360	0.46	306	0.69	336	0.89	341	0.67	317	0.90
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	20	N/A	19	N/A	20	N/A	19	N/A	19	N/A	20	N/A	19	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	288	0.64	252	0.86	282	0.42	237	0.72	259	0.88	264	0.66	243	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
Students receiving special education services	6	N/A	6	N/A	6	N/A	6	N/A	6	N/A	6	N/A	6	N/A
Students not receiving special education services	454	0.66	403	0.85	444	0.50	385	0.70	419	0.88	425	0.68	400	0.90
Migrant	23	N/A	16	N/A	20	N/A	13	N/A	18	N/A	16	N/A	14	N/A
Nonmigrant	437	0.65	393	0.85	430	0.50	378	0.70	407	0.88	415	0.68	392	0.90

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

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	199	0.67	176	0.86	194	0.59	168	0.74	187	0.90	191	0.75	183	0.92
Female	161	0.69	140	0.79	156	0.64	141	0.71	149	0.88	154	0.74	146	0.91
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	36	0.69	36	0.80	35	0.49	34	0.68	35	0.84	35	0.70	34	0.88
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	11	N/A	9	N/A	10	N/A	10	N/A	9	N/A	10	N/A	9	N/A
Hispanic or Latino	299	0.68	257	0.85	291	0.60	253	0.75	278	0.90	286	0.74	272	0.91
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	10	N/A	10	N/A	10	N/A	8	N/A	10	N/A	10	N/A	10	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	240	0.65	211	0.84	234	0.59	206	0.76	222	0.89	229	0.73	218	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
Students receiving special education services	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
Students not receiving special education services	358	0.68	314	0.84	348	0.62	307	0.75	334	0.89	343	0.75	327	0.91
Migrant	20	N/A	16	N/A	19	N/A	13	N/A	18	N/A	17	N/A	17	N/A
Nonmigrant	340	0.68	300	0.85	331	0.62	296	0.74	318	0.89	328	0.75	312	0.91

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

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	297	0.76	245	0.88	288	0.65	234	0.74	281	0.91	283	0.76	269	0.92
Female	223	0.71	171	0.88	219	0.57	177	0.79	194	0.91	213	0.73	188	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	84	0.79	74	0.83	83	0.66	77	0.82	73	0.88	83	0.78	72	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	21	N/A	19	N/A	20	N/A	20	N/A	19	N/A	20	N/A	18	N/A
Hispanic or Latino	372	0.70	288	0.89	362	0.56	278	0.74	347	0.91	351	0.70	332	0.92
Black or African American	3	N/A	3	N/A	3	N/A	2	N/A	3	N/A	3	N/A	3	N/A
White	20	N/A	16	N/A	20	N/A	18	N/A	17	N/A	20	N/A	17	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	299	0.68	223	0.89	293	0.53	224	0.74	272	0.91	287	0.69	263	0.91
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Students receiving special education services	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Students not receiving special education services	520	0.74	416	0.88	507	0.62	411	0.76	475	0.91	496	0.74	457	0.92
Migrant	10	N/A	9	N/A	10	N/A	9	N/A	9	N/A	9	N/A	8	N/A
Nonmigrant	510	0.74	407	0.88	497	0.63	402	0.76	466	0.91	487	0.75	449	0.92

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

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	232	0.77	190	0.89	229	0.56	182	0.77	215	0.92	222	0.72	210	0.92
Female	204	0.80	172	0.90	200	0.62	174	0.75	184	0.92	191	0.74	176	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	84	0.82	74	0.82	83	0.68	74	0.68	74	0.92	80	0.78	73	0.93
Native Hawaiian or Other Pacific Islander	0	N/A	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Filipino	14	N/A	13	N/A	14	N/A	14	N/A	13	N/A	14	N/A	13	N/A
Hispanic or Latino	309	0.76	251	0.90	303	0.52	241	0.76	287	0.92	290	0.69	275	0.92
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	18	N/A	15	N/A	18	N/A	17	N/A	16	N/A	18	N/A	16	N/A
Two or more races	4	N/A	3	N/A	4	N/A	4	N/A	3	N/A	4	N/A	3	N/A
Economically disadvantaged	256	0.76	202	0.89	253	0.49	200	0.73	232	0.92	241	0.69	223	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
Students receiving special education services	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	N/A
Students not receiving special education services	435	0.78	361	0.89	428	0.59	355	0.76	398	0.92	412	0.73	385	0.92
Migrant	16	N/A	11	N/A	16	N/A	15	N/A	13	N/A	16	N/A	13	N/A
Nonmigrant	420	0.78	351	0.89	413	0.60	341	0.77	386	0.92	397	0.74	373	0.92

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

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	160	0.80	130	0.86	157	0.67	130	0.77	147	0.92	154	0.78	142	0.93
Female	159	0.76	144	0.86	158	0.63	141	0.71	150	0.90	154	0.75	146	0.92
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	71	0.79	67	0.81	71	0.75	68	0.74	70	0.90	71	0.82	70	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	9	N/A	9	N/A	9	N/A	9	N/A	9	N/A	9	N/A	9	N/A
Hispanic or Latino	214	0.76	176	0.88	210	0.55	169	0.72	195	0.91	203	0.72	186	0.92
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	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	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A	2	N/A
Economically disadvantaged	200	0.75	161	0.87	197	0.58	164	0.69	181	0.91	192	0.73	175	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
Students receiving special education services	4	N/A	4	N/A	4	N/A	3	N/A	4	N/A	4	N/A	4	N/A
Students not receiving special education services	315	0.78	270	0.86	311	0.65	268	0.75	293	0.91	304	0.77	284	0.93
Migrant	15	N/A	12	N/A	15	N/A	11	N/A	13	N/A	13	N/A	11	N/A
Nonmigrant	304	0.79	262	0.86	300	0.65	260	0.74	284	0.91	295	0.77	277	0.92

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

Student Group	Listening N	Listening Domain	Speaking N	Speaking Domain	Reading N	Reading Domain	Writing N	Writing Domain	Oral Composite N	Oral Composite	Written Composite N	Written Composite	Overall Score N	Overall Score
Male	125	0.78	112	0.83	123	0.54	111	0.66	119	0.90	122	0.71	118	0.91
Female	111	0.79	97	0.85	111	0.71	106	0.73	98	0.89	111	0.79	98	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	60	0.81	56	0.83	59	0.62	58	0.78	56	0.89	58	0.76	55	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	6	N/A	6	N/A	6	N/A	5	N/A	6	N/A	6	N/A	6	N/A
Hispanic or Latino	148	0.75	126	0.85	147	0.58	132	0.61	134	0.89	147	0.72	134	0.90
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	9	N/A	9	N/A	9	N/A	9	N/A	9	N/A	9	N/A	9	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	161	0.78	138	0.83	160	0.61	147	0.70	145	0.89	158	0.74	144	0.91
Not economically disadvantaged	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Students receiving special education services	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A
Students not receiving special education services	236	0.79	209	0.84	234	0.64	217	0.71	217	0.89	233	0.76	216	0.91
Migrant	6	N/A	4	N/A	6	N/A	5	N/A	4	N/A	6	N/A	4	N/A
Nonmigrant	230	0.79	205	0.84	228	0.64	212	0.70	213	0.89	227	0.76	212	0.91

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

Grade Level or Grade Span	Threshold Score Between Level 1 and Level 2	Threshold Score Between Level 2 and Level 3
K	0.89	0.90
1	0.90	0.87
2	0.95	0.87
3–5	0.94	0.86
6–8	0.94	0.86
9–12	0.92	0.89

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

Grade Level or Grade Span	Threshold Score Between Level 1 and Level 2	Threshold Score Between Level 2 and Level 3
K	0.92	0.96
1	0.89	0.89
2	0.90	0.88
3–5	0.87	0.90
6–8	0.82	0.93
9–12	0.84	0.91

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

Grade Level or Grade Span	Threshold Score Between Level 1 and Level 2	Threshold Score Between Level 2 and Level 3
K	0.90	0.92
1	0.92	0.89
2	0.95	0.90
3–5	0.92	0.91
6–8	0.93	0.89
9–12	0.92	0.92

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

Grade Level or Grade Span	Threshold Score Between Level 1 and Level 2	Threshold Score Between Level 2 and Level 3
K	0.85	0.86
1	0.86	0.82
2	0.93	0.82
3–5	0.91	0.82
6–8	0.92	0.82
9–12	0.89	0.86

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

Grade Level or Grade Span	Threshold Score Between Level 1 and Level 2	Threshold Score Between Level 2 and Level 3
K	0.89	0.95
1	0.84	0.85
2	0.86	0.84
3–5	0.82	0.87
6–8	0.75	0.90
9–12	0.78	0.87

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

Grade Level or Grade Span	Threshold Score Between Level 1 and Level 2	Threshold Score Between Level 2 and Level 3
K	0.86	0.89
1	0.89	0.85
2	0.93	0.86
3–5	0.88	0.87
6–8	0.90	0.85
9–12	0.89	0.89

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

Grade Level or Grade Span	Oral Accuracy	Oral Consistency	Written Accuracy	Written Consistency	Overall Accuracy	Overall Consistency
K	0.80	0.73	0.88	0.84	0.82	0.75
1	0.77	0.69	0.77	0.69	0.82	0.74
2	0.82	0.75	0.78	0.70	0.85	0.79
3–5	0.81	0.74	0.77	0.69	0.82	0.75
6–8	0.83	0.77	0.76	0.67	0.82	0.75
9–12	0.83	0.77	0.76	0.68	0.83	0.78