



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



**Summative English Language
Proficiency Assessments for California
Technical Report
2018–2019 Administration**

Chapter 8 Appendices

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Appendix 8.A. Classical Item Analyses

Table 8.A.1 Item Analysis—Listening for Kindergarten

Item ID	Item Type	N	<i>p</i> -value	Point-Biserial	Percent Omit
VH574303	MC	151,512	0.88	0.54	0.03
VH574282	MC	151,512	0.87	0.45	0.07
VH574316	MC	151,512	0.90	0.44	0.05
VH574336	MC	151,512	0.79	0.54	0.05
VH574286	MC	151,512	0.93	0.54	0.14
VH583749	MC	151,512	0.84	0.53	0.07
VH583753	MC	151,512	0.72	0.57	0.08
VH583759	MC	151,512	0.85	0.47	0.18
VH583369	MC	151,512	0.28	0.40	1.40
VH583376	MC	151,512	0.90	0.49	1.39
VH583383	MC	151,512	0.63	0.43	1.40
VH583630	MC	151,512	0.68	0.50	1.47
VH583637	MC	151,512	0.87	0.51	1.49
VH583647	MC	151,512	0.54	0.56	1.53
VH592480	MC	151,512	0.61	0.39	1.43
VH592482	MC	151,512	0.69	0.44	1.45
VH592483	MC	151,512	0.77	0.52	1.47
VH592460	MC	151,512	0.25	0.35	1.55
VH592462	MC	151,512	0.48	0.42	1.66
VH592464	MC	151,512	0.89	0.51	1.67

Table 8.A.2 Item Analysis—Listening for Grade One

Item ID	Item Type	N	<i>p</i>-value	Point-Biserial	Percent Omit
VH575355	MC	126,501	0.94	0.41	0.02
VH575192	MC	126,501	0.90	0.43	0.02
VH575021	MC	126,501	0.87	0.42	0.05
VH575201	MC	126,501	0.88	0.40	0.09
VH582569	MC	126,501	0.76	0.51	0.05
VH582578	MC	126,501	0.69	0.33	0.06
VH582601	MC	126,501	0.81	0.52	0.09
VH582737	MC	126,501	0.94	0.49	0.86
VH582747	MC	126,501	0.95	0.51	0.90
VH582767	MC	126,501	0.74	0.47	0.91
VH581036	MC	126,501	0.89	0.48	0.93
VH581041	MC	126,501	0.74	0.53	0.96
VH581048	MC	126,501	0.76	0.49	0.96
VH592014	MC	126,501	0.77	0.53	0.93
VH592015	MC	126,501	0.59	0.39	0.94
VH592016	MC	126,501	0.76	0.53	0.95
VH592029	MC	126,501	0.81	0.59	1.01
VH592032	MC	126,501	0.61	0.45	1.06
VH592036	MC	126,501	0.70	0.56	1.00
VH590917	MC	126,501	0.56	0.38	1.05
VH590924	MC	126,501	0.78	0.58	1.06
VH590926	MC	126,501	0.82	0.54	1.10

Table 8.A.3 Item Analysis—Listening for Grade Two

Item ID	Item Type	N	<i>p</i>-value	Point-Biserial	Percent Omit
VH574615	MC	114,216	0.89	0.39	0.24
VH572878	MC	114,216	0.82	0.31	0.22
VH574611	MC	114,216	0.92	0.38	0.20
VH574630	MC	114,216	0.82	0.38	0.16
VH581568	MC	114,216	0.96	0.45	0.17
VH581573	MC	114,216	0.83	0.52	1.03
VH581575	MC	114,216	0.92	0.43	0.31
VH581416	MC	114,216	0.91	0.46	0.18
VH581418	MC	114,216	0.93	0.52	0.25
VH581424	MC	114,216	0.94	0.50	0.22
VH581349	MC	114,216	0.91	0.55	0.20
VH581352	MC	114,216	0.81	0.53	0.39
VH581353	MC	114,216	0.84	0.43	0.32
VH592327	MC	114,216	0.80	0.51	0.24
VH592378	MC	114,216	0.49	0.40	1.11
VH592380	MC	114,216	0.79	0.37	0.36
VH592395	MC	114,216	0.38	0.25	0.27
VH592399	MC	114,216	0.72	0.49	0.37
VH592404	MC	114,216	0.76	0.53	0.33
VH592309	MC	114,216	0.77	0.46	0.29
VH592313	MC	114,216	0.49	0.36	0.41
VH592317	MC	114,216	0.92	0.41	0.53

Table 8.A.4 Item Analysis—Listening for Grade Span Three Through Five

Item ID	Item Type	N	p-value	Point-Biserial	Percent Omit
VH575204	MC	286,447	0.79	0.37	0.17
VH575216	MC	286,447	0.81	0.38	0.24
VH575208	MC	286,447	0.65	0.36	0.29
VH579818	MC	286,447	0.77	0.45	0.15
VH579819	MC	286,447	0.70	0.45	0.22
VH579827	MC	286,447	0.84	0.50	0.20
VH582493	MC	286,447	0.84	0.40	0.26
VH582498	MC	286,447	0.91	0.40	0.31
VH582505	MC	286,447	0.89	0.45	0.36
VH585392	MC	286,447	0.56	0.47	0.16
VH585393	MC	286,447	0.77	0.47	0.19
VH585394	MC	286,447	0.70	0.42	0.22
VH585382	MC	286,447	0.90	0.39	0.25
VH585383	MC	286,447	0.85	0.46	0.27
VH585384	MC	286,447	0.83	0.42	0.30
VH594444	MC	286,447	0.60	0.38	0.19
VH594446	MC	286,447	0.57	0.42	0.23
VH594448	MC	286,447	0.49	0.33	0.28
VH594450	MC	286,447	0.46	0.33	0.30
VH594033	MC	286,447	0.78	0.45	0.25
VH594044	MC	286,447	0.60	0.45	0.29
VH594050	MC	286,447	0.51	0.41	0.50

Table 8.A.5 Item Analysis—Listening for Grade Span Six Through Eight

Item ID	Item Type	N	p-value	Point-Biserial	Percent Omit
VH574684	MC	200,355	0.85	0.42	0.12
VH575462	MC	200,355	0.92	0.43	0.12
VH575067	MC	200,355	0.94	0.42	0.13
VH575110	MC	200,355	0.92	0.39	0.09
VH575112	MC	200,355	0.85	0.37	0.15
VH575114	MC	200,355	0.89	0.37	0.11
VH592977	MC	200,355	0.66	0.36	0.12
VH593022	MC	200,355	0.74	0.35	0.16
VH593024	MC	200,355	0.56	0.34	0.16
VH593029	MC	200,355	0.50	0.27	0.22
VH592775	MC	200,355	0.72	0.38	0.21
VH592777	MC	200,355	0.70	0.40	0.24
VH592783	MC	200,355	0.68	0.43	0.25
VH592785	MC	200,355	0.39	0.32	0.34
VH585577	MC	200,355	0.82	0.42	0.17
VH585579	MC	200,355	0.53	0.30	0.25
VH585583	MC	200,355	0.81	0.47	0.20
VH585586	MC	200,355	0.73	0.35	0.30
VH587161	MC	200,355	0.79	0.45	0.21
VH587175	MC	200,355	0.74	0.44	0.23
VH587183	MC	200,355	0.51	0.23	0.29
VH587223	MC	200,355	0.80	0.45	0.30

Table 8.A.6 Item Analysis—Listening for Grade Span Nine and Ten

Item ID	Item Type	N	p-value	Point-Biserial	Percent Omit
VH575075	MC	98,562	0.76	0.49	0.31
VH575081	MC	98,562	0.84	0.41	0.26
VH574720	MC	98,562	0.86	0.47	0.21
VH567844	MC	98,562	0.74	0.35	0.17
VH567891	MC	98,562	0.66	0.34	0.40
VH567899	MC	98,562	0.86	0.48	0.25
VH593202	MC	98,562	0.61	0.42	0.20
VH593206	MC	98,562	0.74	0.44	0.30
VH593218	MC	98,562	0.75	0.50	0.26
VH593226	MC	98,562	0.54	0.41	0.30
VH593068	MC	98,562	0.65	0.46	0.34
VH593083	MC	98,562	0.62	0.43	0.36
VH593093	MC	98,562	0.76	0.51	0.34
VH593104	MC	98,562	0.61	0.50	0.44
VH579170	MC	98,562	0.50	0.22	0.23
VH579175	MC	98,562	0.82	0.50	0.26
VH579180	MC	98,562	0.68	0.51	0.29
VH579185	MC	98,562	0.55	0.37	0.37
VH585396	MC	98,562	0.61	0.51	0.39
VH585397	MC	98,562	0.80	0.45	0.34
VH585398	MC	98,562	0.71	0.50	0.42
VH585399	MC	98,562	0.71	0.49	0.40

Table 8.A.7 Item Analysis—Listening for Grade Span Eleven and Twelve

Item ID	Item Type	N	<i>p</i> -value	Point-Biserial	Percent Omit
VH575718	MC	73,441	0.78	0.34	0.25
VH574951	MC	73,441	0.59	0.31	0.29
VH575869	MC	73,441	0.74	0.49	0.27
VH570664	MC	73,441	0.64	0.34	0.18
VH570700	MC	73,441	0.51	0.22	0.28
VH570707	MC	73,441	0.75	0.39	0.24
VH593368	MC	73,441	0.72	0.38	0.17
VH593369	MC	73,441	0.72	0.42	0.17
VH593370	MC	73,441	0.66	0.38	0.24
VH593375	MC	73,441	0.55	0.29	0.32
VH593346	MC	73,441	0.67	0.39	0.32
VH593347	MC	73,441	0.44	0.38	0.31
VH593348	MC	73,441	0.58	0.41	0.42
VH593352	MC	73,441	0.63	0.43	0.42
VH584191	MC	73,441	0.73	0.49	0.27
VH584193	MC	73,441	0.62	0.41	0.34
VH584196	MC	73,441	0.58	0.44	0.35
VH584201	MC	73,441	0.76	0.49	0.34
VH584148	MC	73,441	0.68	0.45	0.42
VH584157	MC	73,441	0.62	0.45	0.42
VH584158	MC	73,441	0.55	0.47	0.44
VH584163	MC	73,441	0.73	0.39	0.45

Table 8.A.8 Item Analysis—Speaking for Kindergarten

Item ID	Item Type	N	<i>p</i> -value	Point-Biserial	Percent Omit
VH591388	CR	151,484	0.87	0.59	0.02
VH591397	CR	151,484	0.89	0.60	0.02
VH591400	CR	151,484	0.81	0.64	0.08
VH591401	CR	151,484	0.70	0.74	0.23
VH591402	CR	151,484	0.83	0.74	0.21
VH591403	CR	151,484	0.64	0.75	0.48
VH573448	CR	151,484	0.78	0.75	0.24
VH573464	CR	151,484	0.79	0.76	2.61
VH582962	CR	151,484	0.54	0.84	2.79
VH586749	CR	151,484	0.52	0.83	2.72

Table 8.A.9 Item Analysis—Speaking for Grade One

Item ID	Item Type	N	p-value	Point-Biserial	Percent Omit
VH592221	CR	126,444	0.96	0.53	0.03
VH592223	CR	126,444	0.65	0.52	0.05
VH592225	CR	126,444	0.95	0.52	0.05
VH592226	CR	126,444	0.77	0.71	0.17
VH592227	CR	126,444	0.79	0.70	0.11
VH592230	CR	126,444	0.79	0.75	0.32
VH573706	CR	126,444	0.88	0.71	0.15
VH573681	CR	126,444	0.87	0.71	1.48
VH587025	CR	126,444	0.70	0.85	1.61
VH583018	CR	126,444	0.47	0.77	1.57

Table 8.A.10 Item Analysis—Speaking for Grade Two

Item ID	Item Type	N	p-value	Point-Biserial	Percent Omit
VH590643	CR	114,468	0.95	0.57	0.07
VH590645	CR	114,468	0.87	0.53	0.07
VH590646	CR	114,468	0.89	0.58	0.12
VH590647	CR	114,468	0.80	0.69	0.12
VH590648	CR	114,468	0.80	0.66	0.17
VH590651	CR	114,468	0.88	0.68	0.55
VH579523	CR	114,468	0.86	0.69	0.21
VH581085	CR	114,468	0.74	0.67	2.00
VH581086	CR	114,468	0.81	0.65	2.13
VH574180	CR	114,468	0.94	0.71	1.69
VH574520	CR	114,468	0.85	0.69	1.81
VH588439	CR	114,468	0.78	0.83	1.75
VH585318	CR	114,468	0.60	0.76	1.81

Table 8.A.11 Item Analysis—Speaking for Grade Span Three Through Five

Item ID	Item Type	N	<i>p</i> -value	Point-Biserial	Percent Omit
VH586404	CR	288,147	0.96	0.62	0.02
VH586416	CR	288,147	0.93	0.62	0.05
VH586419	CR	288,147	0.96	0.63	0.24
VH586440	CR	288,147	0.90	0.67	0.18
VH586450	CR	288,147	0.92	0.73	0.18
VH586452	CR	288,147	0.91	0.69	0.50
VH588315	CR	288,147	0.87	0.71	0.16
VH572856	CR	288,147	0.78	0.69	1.72
VH573004	CR	288,147	0.83	0.71	1.89
VH572692	CR	288,147	0.85	0.82	1.60
VH570625	CR	288,147	0.81	0.80	1.71
VH589600	CR	288,147	0.77	0.83	1.65
VH582731	CR	288,147	0.64	0.76	1.85

Table 8.A.12 Item Analysis—Speaking for Grade Span Six Through Eight

Item ID	Item Type	N	<i>p</i> -value	Point-Biserial	Percent Omit
VH586468	CR	201,215	0.97	0.62	0.04
VH586472	CR	201,215	0.95	0.68	0.03
VH586476	CR	201,215	0.89	0.67	0.10
VH586478	CR	201,215	0.93	0.76	0.15
VH586496	CR	201,215	0.85	0.72	0.18
VH586500	CR	201,215	0.89	0.72	0.61
VH573017	CR	201,215	0.77	0.71	0.32
VH573303	CR	201,215	0.89	0.71	1.76
VH572624	CR	201,215	0.80	0.82	1.92
VH573085	CR	201,215	0.83	0.84	1.98
VH570113	CR	201,215	0.76	0.79	1.97
VH570166	CR	201,215	0.62	0.72	2.13
VH588064	CR	201,215	0.70	0.82	2.27

Table 8.A.13 Item Analysis—Speaking for Grade Span Nine and Ten

Item ID	Item Type	N	<i>p</i> -value	Point-Biserial	Percent Omit
VH587594	CR	98,984	0.86	0.74	0.04
VH587603	CR	98,984	0.83	0.70	0.07
VH587610	CR	98,984	0.92	0.67	0.38
VH587619	CR	98,984	0.83	0.79	0.30
VH587625	CR	98,984	0.86	0.83	0.32
VH587631	CR	98,984	0.83	0.81	0.63
VH573042	CR	98,984	0.78	0.84	0.60
VH573248	CR	98,984	0.74	0.83	2.96
VH572682	CR	98,984	0.77	0.89	3.85
VH572838	CR	98,984	0.76	0.88	3.94
VH574287	CR	98,984	0.77	0.87	3.98
VH574569	CR	98,984	0.77	0.85	4.13
VH588228	CR	98,984	0.53	0.78	4.44

Table 8.A.14 Item Analysis—Speaking for Grade Span Eleven and Twelve

Item ID	Item Type	N	<i>p</i> -value	Point-Biserial	Percent Omit
VH587667	CR	73,942	0.93	0.64	0.04
VH587673	CR	73,942	0.89	0.64	0.08
VH587690	CR	73,942	0.71	0.58	0.41
VH587699	CR	73,942	0.89	0.71	0.25
VH587706	CR	73,942	0.85	0.78	0.25
VH587711	CR	73,942	0.89	0.77	0.53
VH573658	CR	73,942	0.84	0.79	0.35
VH573627	CR	73,942	0.82	0.80	1.85
VH572648	CR	73,942	0.80	0.86	2.44
VH573092	CR	73,942	0.82	0.86	2.50
VH573795	CR	73,942	0.76	0.84	2.53
VH573801	CR	73,942	0.66	0.77	2.77
VH588090	CR	73,942	0.65	0.83	3.02

Table 8.A.15 Item Analysis—Reading for Kindergarten

Item ID	Item Type	N	<i>p</i> -value	Point-Biserial	Percent Omit
VH589727	CR (machine scorable)	151,230	0.62	0.67	0.01
VH589737	MC	151,230	0.80	0.41	0.26
VH590627	CR (machine scorable)	151,230	0.64	0.69	0.03
VH590632	MC	151,230	0.75	0.44	0.23
VH588689	CR (machine scorable)	151,230	0.57	0.64	0.37
VH588702	MC	151,230	0.78	0.51	0.06
VH588707	MC	151,230	0.69	0.53	0.06
VH588710	MC	151,230	0.77	0.53	0.15
VH574344	MC	151,230	0.76	0.51	1.56
VH574347	MC	151,230	0.63	0.55	1.57
VH574351	MC	151,230	0.76	0.46	1.58
VH574308	MC	151,230	0.56	0.53	1.65
VH574313	MC	151,230	0.73	0.44	1.73
VH574315	MC	151,230	0.43	0.42	1.71

Table 8.A.16 Item Analysis—Reading for Grade One

Item ID	Item Type	N	<i>p</i> -value	Point-Biserial	Percent Omit
VH574780	MC	125,999	0.84	0.53	0.02
VH574904	MC	125,999	0.84	0.54	0.02
VH574908	MC	125,999	0.86	0.53	0.04
VH578939	MC	125,999	0.73	0.60	0.03
VH582906	MC	125,999	0.62	0.57	0.05
VH582892	MC	125,999	0.76	0.64	2.91
VH582881	MC	125,999	0.76	0.54	2.98
VH582867	MC	125,999	0.76	0.61	3.14
VH589386	MC	125,999	0.52	0.51	3.68
VH589389	MC	125,999	0.42	0.62	3.75
VH589390	MC	125,999	0.61	0.69	3.85
VH589871	MC	125,999	0.62	0.72	12.07
VH589872	MC	125,999	0.68	0.73	12.13
VH589874	MC	125,999	0.69	0.69	12.39
VH591428	MC	125,999	0.75	0.73	12.11
VH591435	MC	125,999	0.44	0.57	12.15
VH591437	MC	125,999	0.59	0.70	12.18
VH591625	MC	125,999	0.61	0.68	12.25
VH591629	MC	125,999	0.65	0.68	12.27
VH591635	MC	125,999	0.54	0.68	12.31

Table 8.A.17 Item Analysis—Reading for Grade Two

Item ID	Item Type	N	<i>p</i>-value	Point-Biserial	Percent Omit
VH575147	MC	114,073	0.89	0.42	0.26
VH574991	MC	114,073	0.88	0.41	0.31
VH581130	MC	114,073	0.94	0.39	0.20
VH581200	MC	114,073	0.93	0.43	0.27
VH581120	MC	114,073	0.83	0.42	0.99
VH581133	MC	114,073	0.90	0.51	0.27
VH581126	MC	114,073	0.83	0.43	0.58
VH578954	MC	114,073	0.85	0.46	0.35
VH590634	MC	114,073	0.51	0.36	0.54
VH590639	MC	114,073	0.64	0.56	2.54
VH590644	MC	114,073	0.68	0.52	0.91
VH590676	MC	114,073	0.65	0.40	0.61
VH590678	MC	114,073	0.66	0.53	0.86
VH590679	MC	114,073	0.74	0.57	0.89
VH591559	MC	114,073	0.67	0.55	1.51
VH591566	MC	114,073	0.75	0.62	1.88
VH591573	MC	114,073	0.68	0.56	1.84
VH591678	MC	114,073	0.68	0.61	0.75
VH591682	MC	114,073	0.63	0.57	0.95
VH591684	MC	114,073	0.73	0.59	1.11
VH590066	MC	114,073	0.70	0.54	2.83
VH590098	MC	114,073	0.76	0.63	1.90
VH590100	MC	114,073	0.62	0.45	0.95
VH591660	MC	114,073	0.71	0.61	1.47
VH591662	MC	114,073	0.69	0.50	1.19
VH591663	MC	114,073	0.52	0.39	1.09

Table 8.A.18 Item Analysis—Reading for Grade Span Three Through Five

Item ID	Item Type	N	p-value	Point-Biserial	Percent Omit
VH585440	MC	286,501	0.86	0.31	0.15
VH585437	MC	286,501	0.70	0.44	0.19
VH594168	MC	286,501	0.81	0.55	0.10
VH594170	MC	286,501	0.74	0.48	0.17
VH594172	MC	286,501	0.74	0.51	0.15
VH594157	MC	286,501	0.63	0.47	0.32
VH594158	MC	286,501	0.47	0.42	0.39
VH633339	MC	286,501	0.47	0.46	0.50
VH583431	MC	286,501	0.60	0.37	0.25
VH583705	MC	286,501	0.35	0.34	0.26
VH583715	MC	286,501	0.53	0.40	0.27
VH583874	MC	286,501	0.33	0.36	0.29
VH583861	MC	286,501	0.58	0.46	0.39
VH583885	MC	286,501	0.39	0.21	1.37
VH592042	MC	286,501	0.78	0.54	0.31
VH592062	MC	286,501	0.67	0.55	0.45
VH592066	MC	286,501	0.60	0.55	0.38
VH592075	MC	286,501	0.70	0.54	0.40
VH592077	MC	286,501	0.71	0.57	0.57
VH592080	MC	286,501	0.78	0.55	1.95
VH593446	MC	286,501	0.50	0.54	0.41
VH593450	MC	286,501	0.50	0.40	0.44
VH593454	MC	286,501	0.45	0.41	0.53
VH593464	MC	286,501	0.59	0.37	0.61
VH593470	MC	286,501	0.69	0.48	0.61
VH593477	MC	286,501	0.41	0.36	0.77

Table 8.A.19 Item Analysis—Reading for Grade Span Six Through Eight

Item ID	Item Type	N	<i>p</i>-value	Point-Biserial	Percent Omit
VH593976	MC	200,392	0.44	0.33	0.20
VH593990	MC	200,392	0.62	0.37	0.25
VH593996	MC	200,392	0.40	0.27	0.23
VH594085	MC	200,392	0.51	0.40	0.40
VH594089	MC	200,392	0.66	0.43	0.38
VH594090	MC	200,392	0.47	0.33	0.44
VH584012	MC	200,392	0.40	0.46	0.21
VH584014	MC	200,392	0.72	0.45	0.21
VH584015	MC	200,392	0.37	0.34	0.28
VH584016	MC	200,392	0.54	0.36	0.22
VH584019	MC	200,392	0.33	0.33	1.08
VH584025	MC	200,392	0.39	0.39	0.50
VH584026	MC	200,392	0.51	0.46	0.63
VH584028	MC	200,392	0.43	0.44	0.62
VH592766	MC	200,392	0.25	0.33	0.34
VH592767	MC	200,392	0.30	0.44	0.34
VH592768	MC	200,392	0.38	0.36	0.37
VH592770	MC	200,392	0.55	0.46	0.46
VH592771	MC	200,392	0.36	0.33	0.69
VH592773	MC	200,392	0.33	0.33	1.75
VH614051	MC	200,392	0.54	0.47	0.48
VH614058	MC	200,392	0.47	0.46	0.49
VH614059	MC	200,392	0.29	0.27	0.60
VH614061	MC	200,392	0.21	0.31	0.64
VH614062	MC	200,392	0.30	0.19	0.70
VH614067	MC	200,392	0.57	0.45	0.77

Table 8.A.20 Item Analysis—Reading for Grade Span Nine and Ten

Item ID	Item Type	N	p-value	Point-Biserial	Percent Omit
VH593308	MC	98,749	0.46	0.39	0.18
VH593312	MC	98,749	0.52	0.25	0.26
VH593318	MC	98,749	0.29	0.35	0.31
VH593411	MC	98,749	0.54	0.44	0.48
VH593413	MC	98,749	0.50	0.35	0.58
VH593417	MC	98,749	0.77	0.47	0.61
VH583418	MC	98,749	0.61	0.50	0.19
VH583439	MC	98,749	0.55	0.38	0.22
VH583446	MC	98,749	0.38	0.47	0.40
VH583451	MC	98,749	0.46	0.48	0.35
VH583454	MC	98,749	0.49	0.38	0.81
VH583458	MC	98,749	0.48	0.38	0.67
VH583948	MC	98,749	0.65	0.39	0.69
VH583474	MC	98,749	0.44	0.34	0.70
VH592017	MC	98,749	0.67	0.44	0.42
VH592095	MC	98,749	0.41	0.49	0.39
VH592114	MC	98,749	0.38	0.43	0.54
VH592119	MC	98,749	0.70	0.53	0.52
VH592134	MC	98,749	0.55	0.57	0.87
VH592144	MC	98,749	0.52	0.50	2.36
VH613961	MC	98,749	0.73	0.52	0.64
VH613990	MC	98,749	0.48	0.44	0.67
VH613994	MC	98,749	0.38	0.40	0.91
VH614007	MC	98,749	0.45	0.51	0.94
VH614015	MC	98,749	0.59	0.54	1.09
VH614027	MC	98,749	0.35	0.31	1.36

Table 8.A.21 Item Analysis—Reading for Grade Span Eleven and Twelve

Item ID	Item Type	N	p-value	Point-Biserial	Percent Omit
VH593631	MC	73,673	0.64	0.46	0.14
VH593637	MC	73,673	0.59	0.39	0.16
VH594523	MC	73,673	0.40	0.35	0.29
VH594409	MC	73,673	0.44	0.32	0.48
VH594413	MC	73,673	0.24	0.36	0.50
VH594412	MC	73,673	0.43	0.39	0.54
VH585340	MC	73,673	0.64	0.43	0.24
VH585351	MC	73,673	0.46	0.39	0.23
VH585357	MC	73,673	0.54	0.55	0.51
VH585359	MC	73,673	0.57	0.33	0.29
VH585361	MC	73,673	0.41	0.36	0.74
VH585366	MC	73,673	0.72	0.47	0.57
VH585379	MC	73,673	0.59	0.48	0.60
VH585380	MC	73,673	0.78	0.47	0.59
VH592466	MC	73,673	0.62	0.55	0.52
VH592469	MC	73,673	0.59	0.48	0.48
VH592479	MC	73,673	0.64	0.52	0.57
VH592484	MC	73,673	0.49	0.31	0.60
VH592492	MC	73,673	0.60	0.45	0.92
VH592497	MC	73,673	0.47	0.48	2.32
VH594027	MC	73,673	0.57	0.40	0.78
VH594031	MC	73,673	0.46	0.39	0.70
VH594041	MC	73,673	0.45	0.18	0.80
VH594045	MC	73,673	0.53	0.26	1.07
VH594049	MC	73,673	0.45	0.31	0.95
VH594054	MC	73,673	0.27	0.14	1.29

Table 8.A.22 Item Analysis—Writing by Grade Level or Grade Span

Grade Level or Grade Span	Item ID	Item Type	N	p-value	Point- Biserial	Percent Omit
Kindergarten	VH590330	CR	148,617	0.81	0.64	3.49
Kindergarten	VH590343	CR	148,617	0.89	0.55	0.61
Kindergarten	VH590348	CR	148,617	0.70	0.88	3.83
Kindergarten	VH590354	CR	148,617	0.72	0.88	3.95
Kindergarten	VH574038	CR	148,617	0.74	0.76	6.67
Kindergarten	VH574059	CR	148,617	0.80	0.74	5.84
Kindergarten	VH574063	CR	148,617	0.73	0.89	6.23
Kindergarten	VH574079	CR	148,617	0.68	0.90	7.08
Grade 1	VH575294	CR	125,169	0.94	0.43	0.30
Grade 1	VH575317	CR	125,169	0.93	0.50	0.28
Grade 1	VH575322	CR	125,169	0.77	0.68	0.64
Grade 1	VH575326	CR	125,169	0.62	0.80	4.11
Grade 1	VH581478	CR	125,169	0.66	0.79	5.13
Grade 1	VH581484	CR	125,169	0.60	0.82	7.58
Grade 1	VH581453	CR	125,169	0.61	0.85	6.20
Grade 2	VH573925	CR	113,876	0.92	0.46	0.73
Grade 2	VH573927	CR	113,876	0.91	0.50	1.00
Grade 2	VH573930	CR	113,876	0.67	0.72	0.53
Grade 2	VH573933	CR	113,876	0.71	0.80	1.91
Grade 2	VH581499	CR	113,876	0.65	0.77	0.73
Grade 2	VH581501	CR	113,876	0.67	0.82	3.03
Grade 2	VH581433	CR	113,876	0.72	0.84	1.07
Grade span 3–5	VH581300	CR	285,035	0.73	0.64	0.28
Grade span 3–5	VH581314	CR	285,035	0.75	0.63	1.63
Grade span 3–5	VH573816	CR	285,035	0.59	0.82	0.76
Grade span 3–5	VH631647	CR	285,035	0.75	0.66	0.79
Grade span 3–5	VH631650	CR	285,035	0.71	0.77	2.03
Grade span 3–5	VH576052	CR	285,035	0.58	0.82	1.03
Grade span 6–8	VH582350	CR	199,356	0.76	0.63	0.23
Grade span 6–8	VH582455	CR	199,356	0.74	0.59	1.15
Grade span 6–8	VH574196	CR	199,356	0.68	0.81	0.80
Grade span 6–8	VH577846	CR	199,356	0.82	0.61	0.91
Grade span 6–8	VH577860	CR	199,356	0.65	0.75	1.75
Grade span 6–8	VH575895	CR	199,356	0.59	0.82	1.42

Table 8.A.22 (continuation)

Grade Level or Grade Span	Item ID	Item Type	N	p-value	Point- Biserial	Percent Omit
Grade span 9–10	VH583467	CR	97,364	0.69	0.57	0.43
Grade span 9–10	VH583476	CR	97,364	0.75	0.58	1.84
Grade span 9–10	VH574247	CR	97,364	0.68	0.82	1.46
Grade span 9–10	VH576013	CR	97,364	0.78	0.60	1.78
Grade span 9–10	VH576020	CR	97,364	0.70	0.78	3.32
Grade span 9–10	VH576280	CR	97,364	0.57	0.82	2.92
Grade span 11–12	VH582602	CR	72,907	0.74	0.62	0.44
Grade span 11–12	VH582607	CR	72,907	0.76	0.57	1.24
Grade span 11–12	VH574271	CR	72,907	0.70	0.80	1.10
Grade span 11–12	VH574580	CR	72,907	0.69	0.56	1.58
Grade span 11–12	VH574583	CR	72,907	0.65	0.76	2.66
Grade span 11–12	VH575258	CR	72,907	0.60	0.80	2.15

Table 8.A.23 Distribution of Item Scores for Speaking Items with Multiple Score Points

Grade Level or Grade Span	Item ID	Percent Score Point = 0	Percent Score Point = 1	Percent Score Point = 2	Percent Score Point = 3	Percent Score Point = 4	Item-Test Correlation	Mean	Mean Proportion of Maximum	Standard Deviation
Kindergarten	VH591401	13.5	32.7	53.5	N/A	N/A	0.78	1.40	0.70	0.73
Kindergarten	VH591402	8.9	16.0	74.9	N/A	N/A	0.79	1.66	0.83	0.65
Kindergarten	VH591403	19.4	31.4	48.7	N/A	N/A	0.81	1.29	0.64	0.78
Kindergarten	VH573448	6.3	30.8	62.7	N/A	N/A	0.80	1.56	0.78	0.63
Kindergarten	VH573464	4.2	27.5	65.7	N/A	N/A	0.80	1.59	0.79	0.63
Kindergarten	VH582962	12.8	14.4	25.1	29.8	15.1	0.89	2.14	0.54	1.29
Kindergarten	VH586749	11.2	20.3	25.4	25.5	14.9	0.89	2.07	0.52	1.28
Grade 1	VH592226	10.8	25.0	64.0	N/A	N/A	0.76	1.53	0.77	0.70
Grade 1	VH592227	10.9	20.5	68.5	N/A	N/A	0.75	1.57	0.79	0.70
Grade 1	VH592230	10.9	19.1	69.7	N/A	N/A	0.80	1.58	0.79	0.70
Grade 1	VH573706	3.3	17.4	79.2	N/A	N/A	0.76	1.76	0.88	0.53
Grade 1	VH573681	2.1	18.0	78.5	N/A	N/A	0.75	1.75	0.87	0.54
Grade 1	VH587025	5.1	5.7	19.4	37.6	30.5	0.87	2.79	0.70	1.17
Grade 1	VH583018	9.4	22.8	38.1	22.0	6.2	0.86	1.90	0.47	1.07
Grade 2	VH590647	9.4	20.0	70.5	N/A	N/A	0.74	1.61	0.80	0.67
Grade 2	VH590648	6.3	27.2	66.3	N/A	N/A	0.70	1.60	0.80	0.63
Grade 2	VH590651	6.1	11.1	82.2	N/A	N/A	0.70	1.76	0.88	0.59
Grade 2	VH579523	8.1	11.5	80.1	N/A	N/A	0.72	1.72	0.86	0.63
Grade 2	VH581085	14.1	20.8	63.1	N/A	N/A	0.77	1.47	0.74	0.77
Grade 2	VH581086	7.0	20.5	70.4	N/A	N/A	0.69	1.61	0.81	0.67
Grade 2	VH574180	1.0	6.6	90.7	N/A	N/A	0.72	1.88	0.94	0.45
Grade 2	VH574520	2.0	21.7	74.5	N/A	N/A	0.72	1.71	0.85	0.56
Grade 2	VH588439	2.5	2.9	12.7	38.0	42.1	0.85	3.11	0.78	1.07
Grade 2	VH585318	4.1	13.5	31.6	34.0	15.1	0.85	2.39	0.60	1.10
Grade span 3–5	VH586440	5.6	8.2	86.0	N/A	N/A	0.66	1.80	0.90	0.56
Grade span 3–5	VH586450	3.1	8.7	88.0	N/A	N/A	0.71	1.85	0.92	0.49
Grade span 3–5	VH586452	4.8	7.4	87.3	N/A	N/A	0.68	1.82	0.91	0.54
Grade span 3–5	VH588315	5.8	14.1	80.0	N/A	N/A	0.73	1.74	0.87	0.59
Grade span 3–5	VH572856	10.3	20.0	68.0	N/A	N/A	0.79	1.56	0.78	0.71
Grade span 3–5	VH573004	7.4	16.1	74.5	N/A	N/A	0.77	1.65	0.83	0.67
Grade span 3–5	VH572692	1.4	5.6	24.9	66.6	N/A	0.83	2.55	0.85	0.78
Grade span 3–5	VH570625	1.6	7.6	30.5	58.6	N/A	0.83	2.44	0.81	0.82
Grade span 3–5	VH589600	2.0	2.6	15.3	39.2	39.2	0.87	3.08	0.77	1.04
Grade span 3–5	VH582731	2.9	8.6	30.8	36.4	19.5	0.85	2.57	0.64	1.08

Table 8.A.23 (continuation)

Grade Level or Grade Span	Item ID	Percent Score Point = 0	Percent Score Point = 1	Percent Score Point = 2	Percent Score Point = 3	Percent Score Point = 4	Item-Test Correlation	Mean	Mean Proportion of Maximum	Standard Deviation
Grade span 6–8	VH586478	3.8	5.7	90.4	N/A	N/A	0.74	1.86	0.93	0.51
Grade span 6–8	VH586496	7.7	14.9	77.3	N/A	N/A	0.73	1.69	0.85	0.65
Grade span 6–8	VH586500	5.0	10.3	84.1	N/A	N/A	0.70	1.79	0.89	0.58
Grade span 6–8	VH573017	11.6	22.3	65.8	N/A	N/A	0.78	1.54	0.77	0.72
Grade span 6–8	VH573303	3.2	12.9	82.2	N/A	N/A	0.70	1.77	0.89	0.57
Grade span 6–8	VH572624	3.5	8.6	26.7	59.3	N/A	0.85	2.40	0.80	0.91
Grade span 6–8	VH573085	3.0	6.6	23.2	65.2	N/A	0.85	2.49	0.83	0.89
Grade span 6–8	VH570113	4.3	10.9	32.8	50.0	N/A	0.83	2.27	0.76	0.93
Grade span 6–8	VH570166	8.2	26.4	30.1	33.2	N/A	0.84	1.86	0.62	1.02
Grade span 6–8	VH588064	3.0	5.2	21.2	40.6	27.8	0.87	2.81	0.70	1.12
Grade span 9–10	VH587619	11.8	10.7	77.2	N/A	N/A	0.76	1.65	0.83	0.73
Grade span 9–10	VH587625	9.5	8.8	81.4	N/A	N/A	0.81	1.72	0.86	0.69
Grade span 9–10	VH587631	10.3	11.7	77.4	N/A	N/A	0.79	1.66	0.83	0.72
Grade span 9–10	VH573042	12.8	16.6	70.0	N/A	N/A	0.84	1.57	0.78	0.76
Grade span 9–10	VH573248	13.4	19.1	64.5	N/A	N/A	0.86	1.48	0.74	0.79
Grade span 9–10	VH572682	6.2	7.9	22.5	59.6	N/A	0.89	2.32	0.77	1.05
Grade span 9–10	VH572838	6.3	8.3	24.1	57.4	N/A	0.88	2.29	0.76	1.06
Grade span 9–10	VH574287	7.8	6.8	19.9	61.5	N/A	0.87	2.31	0.77	1.09
Grade span 9–10	VH574569	9.3	8.6	12.4	65.5	N/A	0.86	2.30	0.77	1.15
Grade span 9–10	VH588228	9.4	16.1	28.9	26.8	14.3	0.87	2.12	0.53	1.28
Grade span 11–12	VH587699	6.0	10.1	83.6	N/A	N/A	0.69	1.77	0.89	0.67
Grade span 11–12	VH587706	6.5	16.6	76.6	N/A	N/A	0.77	1.70	0.85	0.70
Grade span 11–12	VH587711	6.3	8.7	84.5	N/A	N/A	0.75	1.78	0.89	0.68
Grade span 11–12	VH573658	7.5	16.4	75.8	N/A	N/A	0.79	1.68	0.84	0.71
Grade span 11–12	VH573627	7.4	17.4	73.4	N/A	N/A	0.81	1.64	0.82	0.73
Grade span 11–12	VH572648	4.6	7.0	23.6	62.3	N/A	0.87	2.41	0.80	1.04
Grade span 11–12	VH573092	3.3	6.8	24.2	63.2	N/A	0.86	2.45	0.82	1.01
Grade span 11–12	VH573795	6.5	9.8	24.3	56.8	N/A	0.86	2.29	0.76	1.09
Grade span 11–12	VH573801	9.5	20.0	23.7	44.0	N/A	0.85	1.99	0.66	1.13
Grade span 11–12	VH588090	4.6	7.7	25.1	35.9	23.7	0.88	2.61	0.65	1.27

Table 8.A.24 Distribution of Item Scores for Writing Items with Multiple Score Points

Grade Level or Grade Span	Item ID	Percent Score Point = 0	Percent Score Point = 1	Percent Score Point = 2	Percent Score Point = 3	Percent Score Point = 4	Item-Test Correlation	Mean	Mean Proportion of Maximum	Standard Deviation
Kindergarten	VH590348	14.0	24.6	57.6	N/A	N/A	0.89	1.40	0.70	0.80
Kindergarten	VH590354	13.7	21.2	61.1	N/A	N/A	0.88	1.43	0.72	0.80
Kindergarten	VH574063	12.7	16.9	64.1	N/A	N/A	0.89	1.45	0.73	0.82
Kindergarten	VH574079	16.3	17.4	59.3	N/A	N/A	0.91	1.36	0.68	0.85
Grade 1	VH575322	8.9	26.9	63.6	N/A	N/A	0.72	1.54	0.77	0.69
Grade 1	VH575326	11.7	17.1	32.8	34.4	N/A	0.83	1.86	0.62	1.08
Grade 1	VH581478	9.1	38.7	47.0	N/A	N/A	0.84	1.33	0.66	0.73
Grade 1	VH581484	9.0	19.2	33.2	31.0	N/A	0.86	1.79	0.60	1.08
Grade 1	VH581453	8.5	18.0	38.3	28.9	N/A	0.89	1.82	0.61	1.03
Grade 2	VH573930	7.2	50.4	41.8	N/A	N/A	0.80	1.34	0.67	0.63
Grade 2	VH573933	7.7	13.7	30.8	45.9	N/A	0.82	2.13	0.71	1.01
Grade 2	VH581499	8.5	51.2	39.5	N/A	N/A	0.86	1.30	0.65	0.65
Grade 2	VH581501	6.8	15.9	36.8	37.4	N/A	0.85	2.02	0.67	0.99
Grade 2	VH581433	4.8	13.3	38.9	42.0	N/A	0.87	2.17	0.72	0.91
Grade span 3–5	VH581300	7.6	37.8	54.4	N/A	N/A	0.69	1.47	0.73	0.67
Grade span 3–5	VH581314	4.0	38.9	55.4	N/A	N/A	0.70	1.50	0.75	0.64
Grade span 3–5	VH573816	4.7	13.4	33.9	35.4	11.8	0.85	2.35	0.59	1.08
Grade span 3–5	VH631647	5.1	38.3	55.8	N/A	N/A	0.72	1.50	0.75	0.64
Grade span 3–5	VH631650	4.0	19.2	30.1	44.7	N/A	0.81	2.14	0.71	0.97
Grade span 3–5	VH576052	4.4	12.3	37.2	34.0	11.1	0.86	2.33	0.58	1.06
Grade span 6–8	VH582350	6.0	35.8	58.0	N/A	N/A	0.69	1.52	0.76	0.65
Grade span 6–8	VH582455	2.7	44.0	52.1	N/A	N/A	0.67	1.48	0.74	0.61
Grade span 6–8	VH574196	3.3	7.9	23.6	42.5	22.0	0.84	2.71	0.68	1.10
Grade span 6–8	VH577846	3.8	26.5	68.9	N/A	N/A	0.66	1.64	0.82	0.62
Grade span 6–8	VH577860	4.2	20.0	47.3	26.7	N/A	0.79	1.95	0.65	0.89
Grade span 6–8	VH575895	3.8	12.8	33.5	37.6	10.9	0.86	2.36	0.59	1.07
Grade span 9–10	VH583467	5.1	50.6	43.9	N/A	N/A	0.65	1.38	0.69	0.64
Grade span 9–10	VH583476	2.5	40.6	55.1	N/A	N/A	0.64	1.51	0.75	0.65
Grade span 9–10	VH574247	3.8	7.7	21.2	42.5	23.3	0.84	2.71	0.68	1.19
Grade span 9–10	VH576013	3.4	34.4	60.4	N/A	N/A	0.65	1.55	0.78	0.66
Grade span 9–10	VH576020	2.8	14.3	43.7	35.9	N/A	0.81	2.09	0.70	0.95
Grade span 9–10	VH576280	3.8	13.0	33.6	38.1	8.6	0.86	2.29	0.57	1.11

Table 8.A.24 (continuation)

Grade Level or Grade Span	Item ID	Percent Score Point = 0	Percent Score Point = 1	Percent Score Point = 2	Percent Score Point = 3	Percent Score Point = 4	Item-Test Correlation	Mean	Mean Proportion of Maximum	Standard Deviation
Grade span 11–12	VH582602	4.4	41.4	53.7	N/A	N/A	0.69	1.49	0.74	0.68
Grade span 11–12	VH582607	1.9	42.2	54.6	N/A	N/A	0.65	1.51	0.76	0.66
Grade span 11–12	VH574271	2.5	7.4	20.0	42.8	26.3	0.83	2.81	0.70	1.22
Grade span 11–12	VH574580	3.4	52.5	42.5	N/A	N/A	0.65	1.38	0.69	0.66
Grade span 11–12	VH574583	2.4	22.0	45.6	27.5	N/A	0.81	1.95	0.65	0.95
Grade span 11–12	VH575258	2.2	11.5	35.1	39.9	9.2	0.84	2.38	0.60	1.10
Kindergarten	*VH589727	8.0	59.3	32.7	N/A	N/A	0.77	1.25	0.62	0.60
Kindergarten	*VH590627	9.5	52.1	38.4	N/A	N/A	0.76	1.29	0.64	0.64
Kindergarten	*VH588689	27.6	29.4	42.6	N/A	N/A	0.72	1.15	0.57	0.83

Note: An asterisk (*) indicates a kindergarten Reading item with multiple-select inline choice, which is a machine-scorable, two-score point item.

Appendix 8.B: Item Response Theory Parameter Estimates

Table 8.B.1 Distribution of IRT a -values for Oral Language Skill by Grade Level or Grade Span

IRT a -value	Kindergarten Listening	Kindergarten Speaking	Grade 1 Listening	Grade 1 Speaking	Grade 2 Listening	Grade 2 Speaking	Grade Span 3–5 Listening	Grade Span 3–5 Speaking	Grade Span 6–8 Listening	Grade Span 6–8 Speaking	Grade Span 9–10 Listening	Grade Span 9–10 Speaking	Grade Span 11–12 Listening	Grade Span 11–12 Speaking
0.0 -< 0.2	0	0	0	0	1	0	1	0	5	0	6	0	12	0
0.2 -< 0.4	4	0	4	0	5	0	11	0	15	0	16	1	10	1
0.4 -< 0.6	9	0	6	0	7	2	8	3	2	3	0	5	0	6
0.6 -< 0.8	7	0	9	0	5	6	2	7	0	7	0	4	0	6
0.8 -< 1.0	0	3	3	7	3	4	0	2	0	1	0	3	0	0
1.0 -< 1.2	0	6	0	1	0	1	0	1	0	1	0	0	0	0
1.2 -< 1.4	0	1	0	1	1	0	0	0	0	1	0	0	0	0
1.4 -< 1.6	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1.6 -< 1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.8 -< 2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.0-<+	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 8.B.2 Distribution of IRT a -values for Written Language Skill by Grade Level or Grade Span

IRT a-value	Kindergarten Reading	Kindergarten Writing	Grade 1 Reading	Grade 1 Writing	Grade 2 Reading	Grade 2 Writing	Grade Span 3–5 Reading	Grade Span 3–5 Writing	Grade Span 6–8 Reading	Grade Span 6–8 Writing	Grade Span 9–10 Reading	Grade Span 9–10 Writing	Grade Span 11–12 Reading	Grade Span 11–12 Writing
0.0 -< 0.2	0	0	0	0	0	0	1	0	3	0	1	0	4	0
0.2 -< 0.4	5	0	0	0	2	0	5	0	14	0	12	2	12	1
0.4 -< 0.6	7	0	2	2	2	1	11	2	9	4	10	3	8	3
0.6 -< 0.8	0	0	4	2	8	1	5	4	0	2	3	1	2	2
0.8 -< 1.0	0	1	11	1	8	3	3	0	0	0	0	0	0	0
1.0 -< 1.2	1	1	2	1	2	1	1	0	0	0	0	0	0	0
1.2 -< 1.4	1	0	1	0	4	1	0	0	0	0	0	0	0	0
1.4 -< 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.6 -< 1.8	0	3	0	1	0	0	0	0	0	0	0	0	0	0
1.8 -< 2.0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
2.0 -< +	0	1	0	0	0	0	0	0	0	0	0	0	0	0

Table 8.B.3 Distribution of IRT *b*-values for Oral Language Skill by Grade Level or Grade Span

IRT <i>b</i> -value	Kindergarten Listening	Kindergarten Speaking	Grade 1 Listening	Grade 1 Speaking	Grade 2 Listening	Grade 2 Speaking	Grade Span 3–5 Listening	Grade Span 3–5 Speaking	Grade Span 6–8 Listening	Grade Span 6–8 Speaking	Grade Span 9–10 Listening	Grade Span 9–10 Speaking	Grade Span 11–12 Listening	Grade Span 11–12 Speaking
-6.0 < -5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-5.8 < -5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-5.6 < -5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-5.4 < -5.2	0	0	1	0	0	0	0	0	0	0	0	0	0	0
-5.2 < -5.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
-5.0 < -4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-4.8 < -4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-4.6 < -4.4	2	0	1	0	1	0	0	0	0	0	0	0	0	0
-4.4 < -4.2	4	0	1	0	0	0	0	0	1	0	1	0	0	0
-4.2 < -4.0	0	0	1	0	0	0	0	0	0	0	2	0	0	0
-4.0 < -3.8	1	0	2	1	1	0	2	0	2	0	1	0	0	0
-3.8 < -3.6	0	0	0	0	1	1	0	0	1	0	2	0	0	0
-3.6 < -3.4	1	0	1	0	0	0	0	1	2	0	0	0	1	0
-3.4 < -3.2	2	2	1	1	4	0	1	0	0	0	1	1	0	1
-3.2 < -3.0	1	3	0	0	4	1	2	0	0	1	0	0	1	0
-3.0 < -2.8	3	1	1	2	1	0	1	1	2	0	1	0	1	0
-2.8 < -2.6	0	1	2	0	2	1	2	1	3	1	1	0	0	0
-2.6 < -2.4	1	0	6	0	0	2	2	3	0	1	1	0	0	1
-2.4 < -2.2	0	1	1	0	1	3	0	1	3	1	1	0	1	2
-2.2 < -2.0	0	0	1	3	4	1	1	2	1	2	0	0	5	1
-2.0 < -1.8	1	2	0	1	0	1	2	0	0	0	1	2	2	0
-1.8 < -1.6	1	0	3	1	0	2	0	2	1	1	1	3	2	2
-1.6 < -1.4	0	0	0	0	0	0	2	1	1	2	2	2	1	1
-1.4 < -1.2	0	0	0	0	0	0	0	0	0	2	2	2	3	1
-1.2 < -1.0	0	0	0	1	0	1	0	0	0	0	1	2	0	0
-1.0 < -0.8	0	0	0	0	0	0	3	0	0	1	1	0	2	1
-0.8 < -0.6	0	0	0	0	0	0	1	1	0	0	0	0	0	0
-0.6 < -0.4	0	0	0	0	1	0	0	0	0	1	0	0	1	1
-0.4 < -0.2	2	0	0	0	1	0	1	0	2	0	2	0	1	2

Table 8.B.3 (continuation)

IRT <i>b</i> -value	Kindergarten Listening	Kindergarten Speaking	Grade 1 Listening	Grade 1 Speaking	Grade 2 Listening	Grade 2 Speaking	Grade Span 3–5 Listening	Grade Span 3–5 Speaking	Grade Span 6–8 Listening	Grade Span 6–8 Speaking	Grade Span 9–10 Listening	Grade Span 9–10 Speaking	Grade Span 11–12 Listening	Grade Span 11–12 Speaking
-0.2 -< 0.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
0.0 -< 0.2	0	0	0	0	0	0	1	0	0	0	0	0	0	0
0.2 -< 0.4	0	0	0	0	0	0	0	0	0	0	1	0	0	0
0.4 -< 0.6	0	0	0	0	0	0	0	0	2	0	0	0	0	0
0.6 -< 0.8	0	0	0	0	0	0	0	0	0	0	0	1	0	0
0.8 -< 1.0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
1.0 -< 1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.2 -< 1.4	0	0	0	0	1	0	0	0	0	0	0	0	0	0
1.4 -< 1.6	0	0	0	0	0	0	0	0	1	0	0	0	0	0
1.6 -< 1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.8 -< 2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.0 -< 2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.2 -< 2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.4 -< 2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.6 -< 2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.8 -< 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0 -< 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 -< 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 -< 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.0 -< +	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 8.B.4 Distribution of IRT *b*-values for Written Language Skill by Grade Level or Grade Span

IRT <i>b</i> -value	Kindergarten Reading	Kindergarten Writing	Grade 1 Reading	Grade 1 Writing	Grade 2 Reading	Grade 2 Writing	Grade Span 3–5 Reading	Grade Span 3–5 Writing	Grade Span 6–8 Reading	Grade Span 6–8 Writing	Grade Span 9–10 Reading	Grade Span 9–10 Writing	Grade Span 11–12 Reading	Grade Span 11–12 Writing
< -6.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
-6.0 < -5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-5.8 < -5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-5.6 < -5.4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
-5.4 < -5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-5.2 < -5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-5.0 < -4.8	4	1	0	0	0	0	0	0	0	0	0	0	0	0
-4.8 < -4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-4.6 < -4.4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
-4.4 < -4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-4.2 < -4.0	1	2	0	1	0	0	0	0	0	0	0	0	0	0
-4.0 < -3.8	1	1	0	0	0	0	0	0	0	0	0	0	0	0
-3.8 < -3.6	3	2	0	0	0	0	0	0	0	0	0	0	0	0
-3.6 < -3.4	1	2	0	1	0	0	1	0	0	0	0	0	0	0
-3.4 < -3.2	0	0	3	0	0	1	0	0	0	0	0	0	0	0
-3.2 < -3.0	0	0	1	1	2	1	0	0	0	0	0	0	0	0
-3.0 < -2.8	0	0	2	0	2	0	0	0	0	0	0	0	0	0
-2.8 < -2.6	0	0	2	0	4	0	0	0	0	0	0	0	0	0
-2.6 < -2.4	0	0	4	1	0	0	0	0	0	0	0	1	0	0
-2.4 < -2.2	0	0	1	3	0	0	0	0	0	0	0	1	0	0
-2.2 < -2.0	0	0	3	0	2	2	0	1	0	0	0	0	0	0
-2.0 < -1.8	1	0	0	0	4	1	0	1	0	0	0	0	0	0
-1.8 < -1.6	0	0	2	0	7	2	1	0	0	2	0	0	0	1
-1.6 < -1.4	0	0	2	0	2	0	2	0	0	0	0	0	0	0
-1.4 < -1.2	0	0	0	0	1	0	2	0	0	0	0	0	0	1
-1.2 < -1.0	0	0	0	0	0	0	4	0	0	0	1	0	0	0
-1.0 < -0.8	0	0	0	0	2	0	1	1	0	1	0	0	0	0
-0.8 < -0.6	0	0	0	0	0	0	2	1	1	0	0	1	0	0
-0.6 < -0.4	0	0	0	0	0	0	4	0	0	0	1	0	0	1
-0.4 < -0.2	0	0	0	0	0	0	0	2	2	2	1	1	1	0

Table 8.B.4 (continuation)

IRT <i>b</i> -value	Kindergarten Reading	Kindergarten Writing	Grade 1 Reading	Grade 1 Writing	Grade 2 Reading	Grade 2 Writing	Grade Span 3–5 Reading	Grade Span 3–5 Writing	Grade Span 6–8 Reading	Grade Span 6–8 Writing	Grade Span 9–10 Reading	Grade Span 9–10 Writing	Grade Span 11–12 Reading	Grade Span 11–12 Writing
-0.2 -< 0.0	0	0	0	0	0	0	0	0	0	0	1	1	2	1
0.0 -< 0.2	0	0	0	0	0	0	3	0	1	1	2	0	1	1
0.2 -< 0.4	0	0	0	0	0	0	2	0	1	0	1	0	2	0
0.4 -< 0.6	0	0	0	0	0	0	0	0	3	0	3	0	1	0
0.6 -< 0.8	0	0	0	0	0	0	2	0	2	0	1	1	5	1
0.8 -< 1.0	0	0	0	0	0	0	0	0	4	0	4	0	0	0
1.0 -< 1.2	0	0	0	0	0	0	1	0	1	0	2	0	2	0
1.2 -< 1.4	0	0	0	0	0	0	0	0	2	0	3	0	3	0
1.4 -< 1.6	0	0	0	0	0	0	1	0	3	0	2	0	2	0
1.6 -< 1.8	0	0	0	0	0	0	0	0	1	0	2	0	1	0
1.8 -< 2.0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
2.0 -< 2.2	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2.2 -< 2.4	0	0	0	0	0	0	0	0	1	0	1	0	0	0
2.4 -< 2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.6 -< 2.8	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2.8 -< 3.0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3.0 -< 4.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
4.0 -< 5.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
5.0 -< 6.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
6.0 -< +	0	0	0	0	0	0	0	0	0	0	0	0	2	0

Table 8.B.5 IRT Item Statistics by Domain for Kindergarten

Domain	Item ID	Score		a-value	b-value	d-values
		Points				
Listening	VH574282	1		0.48	-4.49	N/A
Listening	VH574286	1		0.72	-4.47	N/A
Listening	VH574303	1		0.69	-3.94	N/A
Listening	VH574316	1		0.49	-5.01	N/A
Listening	VH574336	1		0.66	-3.12	N/A
Listening	VH583369	1		0.47	-0.38	N/A
Listening	VH583376	1		0.46	-4.38	N/A
Listening	VH583383	1		0.36	-2.59	N/A
Listening	VH583630	1		0.37	-3.27	N/A
Listening	VH583637	1		0.49	-4.22	N/A
Listening	VH583647	1		0.65	-1.86	N/A
Listening	VH583749	1		0.75	-3.50	N/A
Listening	VH583753	1		0.78	-2.98	N/A
Listening	VH583759	1		0.42	-4.40	N/A
Listening	VH592460	1		0.44	-0.23	N/A
Listening	VH592462	1		0.38	-1.67	N/A
Listening	VH592464	1		0.62	-4.21	N/A
Listening	VH592480	1		0.26	-2.98	N/A
Listening	VH592482	1		0.47	-2.85	N/A
Listening	VH592483	1		0.59	-3.32	N/A
Speaking	VH573448	2		1.04	-2.89	0.78, -0.78
Speaking	VH573464	2		1.07	-3.00	0.78, -0.78
Speaking	VH582962	4		1.16	-1.81	0.67, 0.62, -0.16, -1.12
Speaking	VH586749	4		1.17	-1.87	1.17, 0.38, -0.38, -1.17
Speaking	VH591388	1		1.22	-3.32	N/A
Speaking	VH591397	1		1.04	-3.40	N/A
Speaking	VH591400	1		1.04	-3.07	N/A
Speaking	VH591401	2		0.84	-2.77	0.72, -0.72
Speaking	VH591402	2		0.97	-3.01	0.45, -0.45
Speaking	VH591403	2		0.84	-2.28	0.51, -0.51
Reading	VH574308	1		0.45	-3.45	N/A
Reading	VH574313	1		0.31	-5.48	N/A
Reading	VH574315	1		0.27	-1.86	N/A
Reading	VH574344	1		0.43	-4.88	N/A
Reading	VH574347	1		0.54	-3.84	N/A
Reading	VH574351	1		0.37	-4.89	N/A
Reading	VH588689	2		0.36	-3.61	-0.01, 0.01
Reading	VH588702	1		0.47	-4.81	N/A
Reading	VH588707	1		0.47	-4.17	N/A

Table 8.B.5 (continuation)

Domain	Item ID	Score Points	a-value	b-value	d-values
Reading	VH588710	1	0.49	-4.60	N/A
Reading	VH589727	2	1.09	-3.66	1.44, -1.44
Reading	VH589737	1	0.27	-6.46	N/A
Reading	VH590627	2	1.31	-3.75	1.11, -1.11
Reading	VH590632	1	0.41	-4.99	N/A
Writing	VH574038	1	1.71	-3.81	N/A
Writing	VH574059	1	1.63	-4.01	N/A
Writing	VH574063	2	1.94	-3.62	0.23, -0.23
Writing	VH574079	2	2.27	-3.56	0.26, -0.26
Writing	VH590330	1	1.14	-4.20	N/A
Writing	VH590343	1	0.96	-4.98	N/A
Writing	VH590348	2	1.82	-3.57	0.45, -0.45
Writing	VH590354	2	1.76	-3.66	0.39, -0.39

Table 8.B.6 IRT Item Statistics by Domain for Grade One

Domain	Item ID	Score		<i>a</i> -value	<i>b</i> -value	<i>d</i> -values
		Points				
Listening	VH575021	1		0.49	-3.95	N/A
Listening	VH575192	1		0.51	-4.03	N/A
Listening	VH575201	1		0.30	-5.29	N/A
Listening	VH575355	1		0.56	-4.55	N/A
Listening	VH581036	1		0.82	-3.20	N/A
Listening	VH581041	1		0.64	-2.25	N/A
Listening	VH581048	1		0.49	-2.60	N/A
Listening	VH582569	1		0.70	-2.59	N/A
Listening	VH582578	1		0.21	-3.57	N/A
Listening	VH582601	1		0.67	-2.94	N/A
Listening	VH582737	1		0.78	-4.00	N/A
Listening	VH582747	1		0.79	-4.26	N/A
Listening	VH582767	1		0.49	-2.60	N/A
Listening	VH590917	1		0.31	-1.76	N/A
Listening	VH590924	1		0.75	-2.45	N/A
Listening	VH590926	1		0.76	-2.58	N/A
Listening	VH592014	1		0.86	-2.54	N/A
Listening	VH592015	1		0.37	-1.65	N/A
Listening	VH592016	1		0.61	-2.72	N/A
Listening	VH592029	1		0.82	-2.52	N/A
Listening	VH592032	1		0.46	-1.79	N/A
Listening	VH592036	1		0.64	-2.14	N/A
Speaking	VH573681	2		0.95	-2.94	0.75, -0.75
Speaking	VH573706	2		0.92	-2.96	0.74, -0.74
Speaking	VH583018	4		1.11	-1.03	1.52, 0.65, -0.56, -1.61
Speaking	VH587025	4		1.49	-1.83	0.75, 0.61, -0.15, -1.21
Speaking	VH592221	1		0.98	-3.86	N/A
Speaking	VH592223	1		0.86	-1.71	N/A
Speaking	VH592225	1		1.21	-3.21	N/A
Speaking	VH592226	2		0.86	-2.05	0.38, -0.38
Speaking	VH592227	2		0.84	-2.10	0.27, -0.27
Speaking	VH592230	2		0.83	-2.15	0.17, -0.17
Reading	VH574780	1		0.86	-3.33	N/A
Reading	VH574904	1		0.99	-3.10	N/A
Reading	VH574908	1		1.10	-3.29	N/A
Reading	VH578939	1		0.65	-2.49	N/A
Reading	VH582867	1		0.86	-2.65	N/A
Reading	VH582881	1		0.85	-2.87	N/A
Reading	VH582892	1		1.22	-2.43	N/A

Table 8.B.6 (continuation)

Domain	Item ID	Score Points	a-value	b-value	d-values
Reading	VH582906	1	0.72	-2.05	N/A
Reading	VH589386	1	0.52	-1.65	N/A
Reading	VH589389	1	0.93	-1.48	N/A
Reading	VH589390	1	1.05	-2.16	N/A
Reading	VH589871	1	0.86	-2.43	N/A
Reading	VH589872	1	0.89	-2.64	N/A
Reading	VH589874	1	0.74	-2.88	N/A
Reading	VH591428	1	0.93	-3.24	N/A
Reading	VH591435	1	0.58	-1.51	N/A
Reading	VH591437	1	0.94	-2.10	N/A
Reading	VH591625	1	0.89	-2.29	N/A
Reading	VH591629	1	0.70	-2.58	N/A
Reading	VH591635	1	0.92	-1.78	N/A
Writing	VH575294	1	0.68	-4.14	N/A
Writing	VH575317	1	1.75	-3.50	N/A
Writing	VH575322	2	0.57	-3.01	0.60, -0.60
Writing	VH575326	3	0.59	-2.20	0.56, 0.29, -0.85
Writing	VH581453	3	1.01	-2.32	0.70, 0.21, -0.91
Writing	VH581478	2	0.83	-2.56	0.79, -0.79
Writing	VH581484	3	0.75	-2.31	0.92, 0.15, -1.07

Table 8.B.7 IRT Item Statistics by Domain for Grade Two

Domain	Item ID	Score		<i>a</i> -value	<i>b</i> -value	<i>d</i> -values
		Points				
Listening	VH572878	1		0.27	-4.58	N/A
Listening	VH574611	1		0.46	-3.98	N/A
Listening	VH574615	1		0.53	-2.93	N/A
Listening	VH574630	1		0.34	-3.35	N/A
Listening	VH581349	1		0.84	-2.76	N/A
Listening	VH581352	1		0.64	-2.08	N/A
Listening	VH581353	1		0.47	-3.09	N/A
Listening	VH581416	1		0.71	-3.05	N/A
Listening	VH581418	1		0.82	-3.23	N/A
Listening	VH581424	1		0.85	-3.24	N/A
Listening	VH581568	1		1.30	-3.12	N/A
Listening	VH581573	1		0.67	-2.79	N/A
Listening	VH581575	1		0.80	-3.08	N/A
Listening	VH592309	1		0.57	-2.19	N/A
Listening	VH592313	1		0.26	-0.52	N/A
Listening	VH592317	1		0.58	-3.68	N/A
Listening	VH592327	1		0.59	-2.22	N/A
Listening	VH592378	1		0.36	-0.29	N/A
Listening	VH592380	1		0.29	-3.20	N/A
Listening	VH592395	1		0.17	1.30	N/A
Listening	VH592399	1		0.43	-2.18	N/A
Listening	VH592404	1		0.62	-2.00	N/A
Speaking	VH574180	2		1.01	-3.16	0.65, -0.65
Speaking	VH574520	2		0.84	-2.52	0.89, -0.89
Speaking	VH579523	2		0.78	-2.41	-0.06, 0.06
Speaking	VH581085	2		0.74	-1.73	0.16, -0.16
Speaking	VH581086	2		0.57	-2.24	0.69, -0.69
Speaking	VH585318	4		0.71	-1.11	1.72, 0.73, -0.42, -2.02
Speaking	VH588439	4		0.96	-1.89	0.72, 0.85, -0.14, -1.43
Speaking	VH590643	1		0.81	-3.66	N/A
Speaking	VH590645	1		0.52	-2.62	N/A
Speaking	VH590646	1		0.83	-2.35	N/A
Speaking	VH590647	2		0.72	-1.75	0.39, -0.39
Speaking	VH590648	2		0.63	-2.28	1.05, -1.05
Speaking	VH590651	2		0.70	-2.12	0.63, -0.63

Table 8.B.7 (continuation)

Domain	Item ID	Score	a-value	b-value	d-values
		Points			
Reading	VH574991	1	0.84	-2.93	N/A
Reading	VH575147	1	0.90	-2.91	N/A
Reading	VH578954	1	0.82	-2.65	N/A
Reading	VH581120	1	0.67	-2.64	N/A
Reading	VH581126	1	0.68	-2.75	N/A
Reading	VH581130	1	1.29	-3.14	N/A
Reading	VH581133	1	1.20	-2.65	N/A
Reading	VH581200	1	1.32	-3.08	N/A
Reading	VH590066	1	0.65	-1.75	N/A
Reading	VH590098	1	1.24	-2.00	N/A
Reading	VH590100	1	0.51	-1.70	N/A
Reading	VH590634	1	0.29	-0.97	N/A
Reading	VH590639	1	0.81	-1.49	N/A
Reading	VH590644	1	0.62	-1.72	N/A
Reading	VH590676	1	0.36	-1.92	N/A
Reading	VH590678	1	0.62	-1.73	N/A
Reading	VH590679	1	0.89	-2.02	N/A
Reading	VH591559	1	0.81	-1.35	N/A
Reading	VH591566	1	1.08	-1.65	N/A
Reading	VH591573	1	0.77	-1.75	N/A
Reading	VH591660	1	1.02	-1.88	N/A
Reading	VH591662	1	0.81	-1.73	N/A
Reading	VH591663	1	0.44	-0.86	N/A
Reading	VH591678	1	0.76	-1.84	N/A
Reading	VH591682	1	0.77	-1.44	N/A
Reading	VH591684	1	0.97	-1.83	N/A
Writing	VH573925	1	0.82	-3.21	N/A
Writing	VH573927	1	0.83	-3.10	N/A
Writing	VH573930	2	1.03	-2.04	1.17, -1.17
Writing	VH573933	3	0.45	-1.88	0.44, 0.21, -0.65
Writing	VH581433	3	0.89	-2.19	0.98, 0.31, -1.29
Writing	VH581499	2	1.20	-1.70	0.86, -0.86
Writing	VH581501	3	0.75	-1.76	0.89, 0.12, -1.00

Table 8.B.8 IRT Item Statistics by Domain for Grade Span Three Through Five

Domain	Item ID	Score Points	a-value	b-value	d-values
Listening	VH575204	1	0.38	-2.98	N/A
Listening	VH575208	1	0.31	-1.42	N/A
Listening	VH575216	1	0.37	-3.19	N/A
Listening	VH579818	1	0.51	-2.43	N/A
Listening	VH579819	1	0.37	-1.96	N/A
Listening	VH579827	1	0.56	-2.54	N/A
Listening	VH582493	1	0.44	-3.07	N/A
Listening	VH582498	1	0.41	-3.91	N/A
Listening	VH582505	1	0.63	-2.70	N/A
Listening	VH585382	1	0.46	-3.98	N/A
Listening	VH585383	1	0.61	-2.18	N/A
Listening	VH585384	1	0.38	-3.23	N/A
Listening	VH585392	1	0.51	-0.73	N/A
Listening	VH585393	1	0.49	-1.98	N/A
Listening	VH585394	1	0.39	-1.45	N/A
Listening	VH594033	1	0.43	-2.60	N/A
Listening	VH594044	1	0.36	-0.91	N/A
Listening	VH594050	1	0.29	-0.22	N/A
Listening	VH594444	1	0.33	-0.93	N/A
Listening	VH594446	1	0.29	-0.95	N/A
Listening	VH594448	1	0.19	-0.10	N/A
Listening	VH594450	1	0.25	0.18	N/A
Speaking	VH570625	3	0.78	-1.79	1.16, 0.14, -1.30
Speaking	VH572692	3	0.78	-2.08	1.20, 0.19, -1.39
Speaking	VH572856	2	0.61	-1.47	0.13, -0.13
Speaking	VH573004	2	0.52	-2.09	0.21, -0.21
Speaking	VH582731	4	0.79	-0.74	1.75, 1.11, -0.72, -2.14
Speaking	VH586404	1	1.02	-2.85	N/A
Speaking	VH586416	1	0.76	-2.61	N/A
Speaking	VH586419	1	0.83	-3.43	N/A
Speaking	VH586440	2	0.63	-2.27	-0.26, 0.26
Speaking	VH586450	2	0.70	-2.56	0.56, -0.56
Speaking	VH586452	2	0.46	-2.52	-0.39, 0.39
Speaking	VH588315	2	0.59	-2.46	0.39, -0.39
Speaking	VH589600	4	0.90	-1.70	0.72, 1.26, -0.24, -1.75

Table 8.B.8 (continuation)

Domain	Item ID	Score Points	a-value	b-value	d-values
Reading	VH583431	1	0.35	-1.05	N/A
Reading	VH583705	1	0.32	1.46	N/A
Reading	VH583715	1	0.42	-0.41	N/A
Reading	VH583861	1	0.53	-0.55	N/A
Reading	VH583874	1	0.36	1.17	N/A
Reading	VH583885	1	0.15	0.75	N/A
Reading	VH585437	1	0.55	-1.61	N/A
Reading	VH585440	1	0.35	-3.51	N/A
Reading	VH592042	1	0.97	-1.30	N/A
Reading	VH592062	1	0.74	-0.65	N/A
Reading	VH592066	1	0.78	-0.45	N/A
Reading	VH592075	1	0.75	-1.02	N/A
Reading	VH592077	1	0.72	-0.91	N/A
Reading	VH592080	1	0.98	-1.17	N/A
Reading	VH593446	1	0.82	0.06	N/A
Reading	VH593450	1	0.45	0.21	N/A
Reading	VH593454	1	0.45	0.23	N/A
Reading	VH593464	1	0.40	-0.41	N/A
Reading	VH593470	1	0.46	-1.09	N/A
Reading	VH593477	1	0.39	0.68	N/A
Reading	VH594157	1	0.57	-0.73	N/A
Reading	VH594158	1	0.47	0.19	N/A
Reading	VH594168	1	1.05	-1.33	N/A
Reading	VH594170	1	0.60	-1.52	N/A
Reading	VH594172	1	0.67	-1.49	N/A
Reading	VH633339	1	0.56	0.20	N/A
Writing	VH573816	4	0.64	-0.27	1.76, 1.05, -0.79, -2.02
Writing	VH576052	4	0.63	-0.34	0.96, 1.37, -0.61, -1.72
Writing	VH581300	2	0.59	-1.96	1.22, -1.22
Writing	VH581314	2	0.42	-2.16	1.47, -1.47
Writing	VH631647	2	0.71	-0.92	1.10, -1.10
Writing	VH631650	3	0.71	-0.70	1.32, -0.18, -1.14

Table 8.B.9 IRT Item Statistics by Domain for Grade Span Six Through Eight

Domain	Item ID	Score	a-value	b-value	d-values
		Points			
Listening	VH574684	1	0.37	-3.44	N/A
Listening	VH575067	1	0.51	-3.88	N/A
Listening	VH575110	1	0.36	-4.21	N/A
Listening	VH575112	1	0.27	-3.74	N/A
Listening	VH575114	1	0.35	-4.00	N/A
Listening	VH575462	1	0.43	-3.42	N/A
Listening	VH585577	1	0.31	-2.99	N/A
Listening	VH585579	1	0.13	-0.34	N/A
Listening	VH585583	1	0.39	-2.25	N/A
Listening	VH585586	1	0.21	-2.70	N/A
Listening	VH587161	1	0.36	-2.93	N/A
Listening	VH587175	1	0.33	-2.18	N/A
Listening	VH587183	1	0.08	0.48	N/A
Listening	VH587223	1	0.38	-2.76	N/A
Listening	VH592775	1	0.26	-2.64	N/A
Listening	VH592777	1	0.25	-2.37	N/A
Listening	VH592783	1	0.26	-1.54	N/A
Listening	VH592785	1	0.19	1.56	N/A
Listening	VH592977	1	0.21	-1.63	N/A
Listening	VH593022	1	0.21	-2.39	N/A
Listening	VH593024	1	0.15	-0.31	N/A
Listening	VH593029	1	0.06	0.57	N/A
Speaking	VH570113	3	0.53	-1.35	1.70, 0.28, -1.98
Speaking	VH570166	3	0.43	-0.42	1.88, -0.20, -1.68
Speaking	VH572624	3	0.68	-1.50	0.96, 0.28, -1.24
Speaking	VH573017	2	0.49	-1.38	0.32, -0.32
Speaking	VH573085	3	0.76	-1.49	0.93, 0.25, -1.18
Speaking	VH573303	2	0.65	-2.35	0.49, -0.49
Speaking	VH586468	1	1.18	-3.05	N/A
Speaking	VH586472	1	1.24	-2.70	N/A
Speaking	VH586476	1	0.79	-2.14	N/A
Speaking	VH586478	2	0.86	-2.46	0.39, -0.39
Speaking	VH586496	2	0.66	-1.64	0.41, -0.41
Speaking	VH586500	2	0.61	-2.11	0.50, -0.50
Speaking	VH588064	4	0.60	-0.87	1.63, 1.22, -0.35, -2.50

Table 8.B.9 (continuation)

Domain	Item ID	Score	<i>a</i> -value	<i>b</i> -value	<i>d</i> -values
		Points			
Reading	VH584012	1	0.51	0.95	N/A
Reading	VH584014	1	0.59	-0.72	N/A
Reading	VH584015	1	0.37	1.49	N/A
Reading	VH584016	1	0.34	0.19	N/A
Reading	VH584019	1	0.22	2.23	N/A
Reading	VH584025	1	0.39	1.25	N/A
Reading	VH584026	1	0.38	0.48	N/A
Reading	VH584028	1	0.43	0.89	N/A
Reading	VH592766	1	0.30	2.67	N/A
Reading	VH592767	1	0.51	1.55	N/A
Reading	VH592768	1	0.38	1.33	N/A
Reading	VH592770	1	0.53	0.31	N/A
Reading	VH592771	1	0.32	1.57	N/A
Reading	VH592773	1	0.38	1.80	N/A
Reading	VH593976	1	0.35	0.82	N/A
Reading	VH593990	1	0.37	-0.31	N/A
Reading	VH593996	1	0.28	1.11	N/A
Reading	VH594085	1	0.27	0.58	N/A
Reading	VH594089	1	0.53	-0.37	N/A
Reading	VH594090	1	0.35	0.46	N/A
Reading	VH614051	1	0.45	0.73	N/A
Reading	VH614058	1	0.48	0.81	N/A
Reading	VH614059	1	0.18	3.63	N/A
Reading	VH614061	1	0.19	4.40	N/A
Reading	VH614062	1	0.13	5.01	N/A
Reading	VH614067	1	0.51	0.62	N/A
Writing	VH574196	4	0.59	-0.26	1.03, 1.32, -0.41, -1.94
Writing	VH575895	4	0.64	0.17	1.81, 0.63, -0.42, -2.01
Writing	VH577846	2	0.54	-0.90	0.76, -0.76
Writing	VH577860	3	0.62	-0.21	1.24, 0.18, -1.42
Writing	VH582350	2	0.48	-1.75	1.91, -1.91
Writing	VH582455	2	0.47	-1.63	2.02, -2.02

Table 8.B.10 IRT Item Statistics by Domain for Grade Span Nine and Ten

Domain	Item ID	Score		<i>a</i> -value	<i>b</i> -value	<i>d</i> -values
		Points				
Listening	VH567844	1		0.18	-3.67	N/A
Listening	VH567891	1		0.10	-4.23	N/A
Listening	VH567899	1		0.33	-4.03	N/A
Listening	VH574720	1		0.33	-3.65	N/A
Listening	VH575075	1		0.38	-2.33	N/A
Listening	VH575081	1		0.20	-4.14	N/A
Listening	VH579170	1		0.09	-0.20	N/A
Listening	VH579175	1		0.31	-2.98	N/A
Listening	VH579180	1		0.32	-1.70	N/A
Listening	VH579185	1		0.19	-0.26	N/A
Listening	VH585396	1		0.28	-1.23	N/A
Listening	VH585397	1		0.23	-3.93	N/A
Listening	VH585398	1		0.28	-1.94	N/A
Listening	VH585399	1		0.28	-1.51	N/A
Listening	VH593068	1		0.21	-1.23	N/A
Listening	VH593083	1		0.20	-1.42	N/A
Listening	VH593093	1		0.24	-2.66	N/A
Listening	VH593104	1		0.24	-0.88	N/A
Listening	VH593202	1		0.18	-1.20	N/A
Listening	VH593206	1		0.22	-3.24	N/A
Listening	VH593218	1		0.26	-2.55	N/A
Listening	VH593226	1		0.17	0.29	N/A
Speaking	VH572682	3		0.74	-1.42	1.08, 0.26, -1.33
Speaking	VH572838	3		0.60	-1.35	1.00, 0.24, -1.24
Speaking	VH573042	2		0.67	-1.41	0.47, -0.47
Speaking	VH573248	2		0.64	-1.32	0.54, -0.54
Speaking	VH574287	3		0.70	-1.15	0.71, 0.30, -1.01
Speaking	VH574569	3		0.55	-1.06	0.17, -0.01, -0.16
Speaking	VH587594	1		0.85	-1.96	N/A
Speaking	VH587603	1		0.58	-1.73	N/A
Speaking	VH587610	1		0.89	-3.29	N/A
Speaking	VH587619	2		0.47	-1.68	-0.48, 0.48
Speaking	VH587625	2		0.87	-1.82	0.47, -0.47
Speaking	VH587631	2		0.57	-1.67	0.04, -0.04
Speaking	VH588228	4		0.35	0.77	2.66, 1.18, -1.14, -2.71

Table 8.B.10 (continuation)

Domain	Item ID	Score	a-value	b-value	d-values
		Points			
Reading	VH583418	1	0.47	0.09	N/A
Reading	VH583439	1	0.31	0.30	N/A
Reading	VH583446	1	0.45	1.59	N/A
Reading	VH583451	1	0.46	1.05	N/A
Reading	VH583454	1	0.27	1.05	N/A
Reading	VH583458	1	0.30	0.83	N/A
Reading	VH583474	1	0.27	1.48	N/A
Reading	VH583948	1	0.38	-0.42	N/A
Reading	VH592017	1	0.48	-0.01	N/A
Reading	VH592095	1	0.51	1.35	N/A
Reading	VH592114	1	0.44	1.69	N/A
Reading	VH592119	1	0.69	0.10	N/A
Reading	VH592134	1	0.73	0.67	N/A
Reading	VH592144	1	0.52	0.82	N/A
Reading	VH593308	1	0.31	0.83	N/A
Reading	VH593312	1	0.14	0.84	N/A
Reading	VH593318	1	0.39	1.95	N/A
Reading	VH593411	1	0.36	0.42	N/A
Reading	VH593413	1	0.28	0.46	N/A
Reading	VH593417	1	0.47	-1.08	N/A
Reading	VH613961	1	0.65	-0.26	N/A
Reading	VH613990	1	0.39	1.37	N/A
Reading	VH613994	1	0.30	1.75	N/A
Reading	VH614007	1	0.49	1.32	N/A
Reading	VH614015	1	0.49	0.53	N/A
Reading	VH614027	1	0.32	2.23	N/A
Writing	VH574247	4	0.48	-0.04	0.63, 1.77, -0.01, -2.39
Writing	VH576013	2	0.49	-0.75	1.44, -1.44
Writing	VH576020	3	0.55	-0.22	0.96, 0.61, -1.57
Writing	VH576280	4	0.61	0.63	1.84, 1.38, -0.47, -2.75
Writing	VH583467	2	0.33	-2.32	3.24, -3.24
Writing	VH583476	2	0.32	-2.54	2.03, -2.03

Table 8.B.11 IRT Item Statistics by Domain for Grade Span Eleven and Twelve

Domain	Item ID	Score		<i>a</i> -value	<i>b</i> -value	<i>d</i> -values
		Points				
Listening	VH570664	1		0.17	-2.20	N/A
Listening	VH570700	1		0.11	-0.55	N/A
Listening	VH570707	1		0.25	-3.07	N/A
Listening	VH574951	1		0.17	-2.11	N/A
Listening	VH575718	1		0.25	-3.47	N/A
Listening	VH575869	1		0.38	-2.11	N/A
Listening	VH584148	1		0.27	-1.67	N/A
Listening	VH584157	1		0.20	-1.40	N/A
Listening	VH584158	1		0.25	-0.25	N/A
Listening	VH584163	1		0.20	-2.94	N/A
Listening	VH584191	1		0.27	-2.00	N/A
Listening	VH584193	1		0.19	-1.32	N/A
Listening	VH584196	1		0.18	-0.84	N/A
Listening	VH584201	1		0.30	-2.09	N/A
Listening	VH593346	1		0.18	-1.73	N/A
Listening	VH593347	1		0.19	0.81	N/A
Listening	VH593348	1		0.17	-0.92	N/A
Listening	VH593352	1		0.20	-1.21	N/A
Listening	VH593368	1		0.25	-1.81	N/A
Listening	VH593369	1		0.29	-1.83	N/A
Listening	VH593370	1		0.15	-2.00	N/A
Listening	VH593375	1		0.09	-1.23	N/A
Speaking	VH572648	3		0.59	-1.37	0.47, 0.62, -1.09
Speaking	VH573092	3		0.71	-1.69	1.07, 0.17, -1.24
Speaking	VH573627	2		0.60	-1.59	0.38, -0.38
Speaking	VH573658	2		0.60	-1.71	0.57, -0.57
Speaking	VH573795	3		0.64	-0.98	0.93, 0.24, -1.16
Speaking	VH573801	3		0.51	-0.39	1.15, -0.34, -0.81
Speaking	VH587667	1		0.64	-3.22	N/A
Speaking	VH587673	1		0.66	-2.31	N/A
Speaking	VH587690	1		0.40	-0.51	N/A
Speaking	VH587699	2		0.42	-2.58	-0.40, 0.40
Speaking	VH587706	2		0.57	-2.11	0.81, -0.81
Speaking	VH587711	2		0.71	-2.22	0.36, -0.36
Speaking	VH588090	4		0.63	-0.23	1.55, 1.35, -0.44, -2.46

Table 8.B.11 (continuation)

Domain	Item ID	Score			d-values
		Points	a-value	b-value	
Reading	VH585340	1	0.41	0.22	N/A
Reading	VH585351	1	0.37	1.27	N/A
Reading	VH585357	1	0.63	1.00	N/A
Reading	VH585359	1	0.24	0.67	N/A
Reading	VH585361	1	0.31	1.70	N/A
Reading	VH585366	1	0.49	-0.13	N/A
Reading	VH585379	1	0.54	0.71	N/A
Reading	VH585380	1	0.62	-0.33	N/A
Reading	VH592466	1	0.46	0.37	N/A
Reading	VH592469	1	0.52	0.58	N/A
Reading	VH592479	1	0.58	0.61	N/A
Reading	VH592484	1	0.18	1.33	N/A
Reading	VH592492	1	0.39	0.77	N/A
Reading	VH592497	1	0.45	1.31	N/A
Reading	VH593631	1	0.46	-0.02	N/A
Reading	VH593637	1	0.34	0.15	N/A
Reading	VH594027	1	0.25	0.73	N/A
Reading	VH594031	1	0.28	1.50	N/A
Reading	VH594041	1	0.04	6.41	N/A
Reading	VH594045	1	0.17	1.05	N/A
Reading	VH594049	1	0.23	2.07	N/A
Reading	VH594054	1	0.04	18.94	N/A
Reading	VH594409	1	0.22	1.97	N/A
Reading	VH594412	1	0.34	1.55	N/A
Reading	VH594413	1	0.36	2.83	N/A
Reading	VH594523	1	0.30	1.88	N/A
Writing	VH574271	4	0.61	-0.05	1.03, 1.36, -0.20, -2.19
Writing	VH574580	2	0.48	-0.58	2.00, -2.00
Writing	VH574583	3	0.60	0.02	1.93, 0.09, -2.02
Writing	VH575258	4	0.65	0.72	2.05, 1.38, -0.58, -2.85
Writing	VH582602	2	0.60	-1.30	1.86, -1.86
Writing	VH582607	2	0.39	-1.78	2.81, -2.81

Appendix 8.C. Reliability Estimates

Table 8.C.1 Reliability Estimates by Student Groups for Kindergarten

Student Group	N	Listening	Speaking	Reading	Writing	Oral Language	Written Language	Overall
Male	81,429	0.84	0.89	0.82	0.92	0.91	0.91	0.94
Female	72,686	0.82	0.88	0.80	0.91	0.90	0.90	0.93
American Indian or Alaska Native	263	0.85	0.90	0.82	0.92	0.92	0.91	0.95
Asian	21,494	0.85	0.88	0.84	0.91	0.91	0.92	0.94
Native Hawaiian or Other Pacific Islander	327	0.80	0.87	0.78	0.92	0.89	0.91	0.93
Filipino	1,451	0.84	0.87	0.82	0.91	0.90	0.91	0.93
Hispanic or Latino	119,037	0.82	0.88	0.80	0.91	0.90	0.91	0.93
Black or African American	721	0.86	0.88	0.83	0.91	0.92	0.91	0.94
White	7,763	0.85	0.89	0.83	0.91	0.91	0.91	0.94
Two or more races	886	0.84	0.85	0.79	0.91	0.89	0.90	0.92
Economically disadvantaged	120,676	0.82	0.88	0.80	0.91	0.90	0.91	0.93
Not economically disadvantaged	33,439	0.87	0.90	0.85	0.92	0.92	0.93	0.95
Students receiving special education services	13,745	0.91	0.92	0.87	0.93	0.94	0.94	0.96
Students not receiving special education services	140,370	0.80	0.87	0.80	0.91	0.89	0.90	0.93
Migrant	2,611	0.83	0.90	0.81	0.91	0.91	0.91	0.94
Nonmigrant	151,504	0.83	0.88	0.81	0.91	0.90	0.91	0.93

Table 8.C.2 Reliability Estimates by Student Groups for Grade One

Student Group	N	Listening	Speaking	Reading	Writing	Oral Language	Written Language	Overall
Male	66,664	0.86	0.87	0.93	0.85	0.91	0.94	0.95
Female	61,034	0.84	0.86	0.92	0.83	0.90	0.93	0.95
American Indian or Alaska Native	181	0.89	0.90	0.94	0.84	0.93	0.94	0.96
Asian	16,607	0.88	0.87	0.93	0.84	0.92	0.94	0.96
Native Hawaiian or Other Pacific Islander	342	0.85	0.86	0.93	0.85	0.91	0.94	0.95
Filipino	1,260	0.88	0.87	0.93	0.84	0.92	0.94	0.96
Hispanic or Latino	99,923	0.85	0.86	0.92	0.84	0.90	0.93	0.95
Black or African American	623	0.87	0.85	0.92	0.84	0.91	0.93	0.95
White	6,433	0.87	0.87	0.93	0.83	0.91	0.94	0.96
Two or more races	757	0.87	0.84	0.93	0.83	0.91	0.93	0.95
Economically disadvantaged	104,630	0.84	0.86	0.92	0.84	0.90	0.93	0.95
Not economically disadvantaged	23,068	0.90	0.90	0.94	0.86	0.93	0.95	0.97
Students receiving special education services	13,348	0.92	0.91	0.93	0.89	0.95	0.95	0.97
Students not receiving special education services	114,350	0.82	0.85	0.92	0.82	0.89	0.93	0.94
Migrant	2,949	0.82	0.86	0.92	0.82	0.89	0.93	0.95
Nonmigrant	124,749	0.86	0.86	0.92	0.84	0.91	0.93	0.95

Table 8.C. 3 Reliability Estimates by Student Groups for Grade Two

Student Group	N	Listening	Speaking	Reading	Writing	Oral Language	Written Language	Overall
Male	61,161	0.85	0.90	0.90	0.86	0.92	0.93	0.95
Female	54,729	0.81	0.89	0.89	0.84	0.91	0.92	0.95
American Indian or Alaska Native	171	0.85	0.89	0.90	0.84	0.92	0.92	0.95
Asian	12,467	0.88	0.92	0.92	0.86	0.93	0.94	0.96
Native Hawaiian or Other Pacific Islander	310	0.84	0.90	0.91	0.87	0.92	0.93	0.96
Filipino	1,114	0.86	0.90	0.92	0.84	0.92	0.93	0.96
Hispanic or Latino	93,649	0.82	0.89	0.89	0.84	0.91	0.92	0.95
Black or African American	532	0.85	0.89	0.89	0.84	0.92	0.92	0.95
White	5,719	0.86	0.91	0.91	0.85	0.93	0.93	0.96
Two or more races	555	0.89	0.91	0.92	0.84	0.93	0.93	0.96
Economically disadvantaged	97,328	0.82	0.89	0.89	0.84	0.91	0.92	0.95
Not economically disadvantaged	18,562	0.89	0.93	0.92	0.88	0.94	0.94	0.97
Students receiving special education services	14,567	0.91	0.93	0.91	0.89	0.95	0.94	0.97
Students not receiving special education services	101,323	0.79	0.88	0.88	0.83	0.89	0.91	0.94
Migrant	3,034	0.79	0.89	0.87	0.82	0.90	0.91	0.94
Nonmigrant	112,856	0.84	0.90	0.90	0.85	0.92	0.92	0.95

Table 8.C.4 Reliability Estimates by Student Groups for Grade Span Three Through Five

Student Group	N	Listening	Speaking	Reading	Writing	Oral Language	Written Language	Overall
Male	157,858	0.83	0.92	0.86	0.85	0.92	0.91	0.95
Female	134,070	0.79	0.92	0.85	0.84	0.91	0.90	0.94
American Indian or Alaska Native	416	0.81	0.92	0.85	0.86	0.92	0.90	0.95
Asian	27,080	0.86	0.93	0.88	0.87	0.93	0.92	0.96
Native Hawaiian or Other Pacific Islander	875	0.78	0.89	0.84	0.83	0.90	0.89	0.94
Filipino	3,261	0.83	0.91	0.87	0.84	0.92	0.91	0.95
Hispanic or Latino	241,920	0.81	0.91	0.85	0.84	0.91	0.90	0.94
Black or African American	1,370	0.85	0.93	0.88	0.87	0.93	0.92	0.96
White	13,297	0.84	0.93	0.87	0.86	0.93	0.91	0.95
Two or more races	1,177	0.84	0.92	0.87	0.84	0.93	0.91	0.95
Economically disadvantaged	251,842	0.80	0.91	0.85	0.84	0.91	0.90	0.94
Not economically disadvantaged	40,086	0.87	0.95	0.89	0.88	0.95	0.92	0.96
Students receiving special education services	53,168	0.87	0.94	0.87	0.88	0.94	0.91	0.96
Students not receiving special education services	238,760	0.78	0.91	0.84	0.82	0.90	0.89	0.94
Migrant	7,787	0.79	0.92	0.85	0.85	0.91	0.90	0.94
Nonmigrant	284,141	0.82	0.92	0.86	0.85	0.92	0.90	0.95

Table 8.C.5 Reliability Estimates by Student Groups for Grade Span Six Through Eight

Student Group	N	Listening	Speaking	Reading	Writing	Oral Language	Written Language	Overall
Male	116,902	0.81	0.93	0.79	0.84	0.92	0.86	0.94
Female	88,378	0.77	0.93	0.78	0.84	0.91	0.86	0.94
American Indian or Alaska Native	262	0.79	0.93	0.77	0.80	0.91	0.84	0.93
Asian	17,058	0.84	0.93	0.85	0.87	0.93	0.90	0.95
Native Hawaiian or Other Pacific Islander	717	0.78	0.91	0.75	0.82	0.90	0.84	0.93
Filipino	2,606	0.79	0.90	0.80	0.82	0.91	0.87	0.94
Hispanic or Latino	172,991	0.79	0.92	0.77	0.84	0.92	0.85	0.93
Black or African American	1,028	0.82	0.92	0.83	0.86	0.92	0.88	0.94
White	8,274	0.80	0.93	0.83	0.86	0.92	0.89	0.95
Two or more races	654	0.82	0.91	0.84	0.85	0.92	0.89	0.95
Economically disadvantaged	178,819	0.78	0.92	0.77	0.83	0.91	0.85	0.93
Not economically disadvantaged	26,461	0.86	0.95	0.85	0.89	0.94	0.90	0.96
Students receiving special education services	50,733	0.86	0.93	0.75	0.87	0.94	0.86	0.95
Students not receiving special education services	154,547	0.74	0.93	0.77	0.82	0.91	0.84	0.93
Migrant	5,382	0.77	0.93	0.77	0.86	0.92	0.86	0.94
Nonmigrant	199,898	0.80	0.93	0.79	0.84	0.92	0.86	0.94

Table 8.C.6 Reliability Estimates by Student Groups for Grade Span Nine and Ten

Student Group	N	Listening	Speaking	Reading	Writing	Oral Language	Written Language	Overall
Male	60,685	0.87	0.95	0.86	0.86	0.94	0.90	0.96
Female	41,575	0.84	0.95	0.85	0.86	0.94	0.89	0.96
American Indian or Alaska Native	141	0.86	0.93	0.85	0.85	0.93	0.89	0.95
Asian	9,280	0.88	0.94	0.88	0.84	0.94	0.91	0.96
Native Hawaiian or Other Pacific Islander	381	0.80	0.92	0.82	0.79	0.91	0.87	0.94
Filipino	1,612	0.84	0.92	0.85	0.83	0.92	0.89	0.95
Hispanic or Latino	84,453	0.86	0.95	0.85	0.86	0.94	0.89	0.96
Black or African American	512	0.88	0.94	0.88	0.86	0.94	0.91	0.96
White	4,081	0.86	0.94	0.88	0.85	0.94	0.91	0.96
Two or more races	302	0.87	0.93	0.88	0.83	0.94	0.91	0.96
Economically disadvantaged	85,859	0.85	0.95	0.84	0.85	0.94	0.89	0.95
Not economically disadvantaged	16,401	0.89	0.96	0.89	0.90	0.96	0.92	0.97
Students receiving special education services	24,485	0.89	0.95	0.85	0.87	0.95	0.90	0.96
Students not receiving special education services	77,775	0.84	0.95	0.84	0.85	0.94	0.89	0.96
Migrant	2,426	0.83	0.95	0.83	0.84	0.94	0.88	0.95
Nonmigrant	99,834	0.86	0.95	0.85	0.86	0.94	0.90	0.96

Table 8.C.7 Reliability Estimates by Student Groups for Grade Span Eleven and Twelve

Student Group	N	Listening	Speaking	Reading	Writing	Oral Language	Written Language	Overall
Male	46,193	0.86	0.95	0.86	0.88	0.94	0.90	0.96
Female	32,363	0.85	0.95	0.83	0.87	0.94	0.89	0.96
American Indian or Alaska Native	76	0.83	0.95	0.84	0.85	0.93	0.90	0.95
Asian	8,706	0.86	0.95	0.86	0.88	0.94	0.91	0.96
Native Hawaiian or Other Pacific Islander	345	0.83	0.94	0.83	0.87	0.93	0.89	0.95
Filipino	1,584	0.87	0.95	0.86	0.89	0.95	0.91	0.96
Hispanic or Latino	63,206	0.85	0.95	0.85	0.88	0.94	0.90	0.96
Black or African American	514	0.84	0.94	0.83	0.87	0.93	0.89	0.95
White	3,116	0.86	0.94	0.86	0.88	0.94	0.91	0.96
Two or more races	240	0.89	0.96	0.88	0.89	0.95	0.92	0.97
Economically disadvantaged	65,500	0.85	0.95	0.84	0.87	0.94	0.89	0.96
Not economically disadvantaged	13,056	0.89	0.96	0.88	0.90	0.95	0.92	0.97
Students receiving special education services	20,499	0.91	0.96	0.88	0.91	0.96	0.92	0.97
Students not receiving special education services	58,057	0.80	0.94	0.81	0.84	0.92	0.87	0.94
Migrant	1,936	0.78	0.95	0.80	0.85	0.93	0.87	0.95
Nonmigrant	76,620	0.86	0.95	0.85	0.88	0.94	0.90	0.96

Appendix 8.D. Raw-to-Scale-Score Conversions

Table 8.D.1 Raw-to-Scale-Score Conversion Table for Oral, Kindergarten

Raw Score	Scale Score	CSEM	Level
0	1150	93	Level 1
1	1208	53	Level 1
2	1248	36	Level 1
3	1271	28	Level 1
4	1288	24	Level 1
5	1301	21	Level 1
6	1312	18	Level 1
7	1321	17	Level 1
8	1329	16	Level 1
9	1336	15	Level 1
10	1342	14	Level 1
11	1348	13	Level 1
12	1354	13	Level 1
13	1359	12	Level 1
14	1364	12	Level 1
15	1368	12	Level 1
16	1373	11	Level 1
17	1378	11	Level 1
18	1382	11	Level 1
19	1386	11	Level 2
20	1390	11	Level 2
21	1395	11	Level 2
22	1399	11	Level 2
23	1403	11	Level 2
24	1407	11	Level 2
25	1411	11	Level 2
26	1416	11	Level 2
27	1420	11	Level 2
28	1425	11	Level 2
29	1430	12	Level 3
30	1435	12	Level 3
31	1441	13	Level 3
32	1447	13	Level 3
33	1453	14	Level 3
34	1461	15	Level 3
35	1469	16	Level 3
36	1478	17	Level 4

Table 8.D.1 (*continuation*)

Raw Score	Scale Score	CSEM	Level
37	1489	19	Level 4
38	1504	23	Level 4
39	1525	31	Level 4
40	1566	53	Level 4
41	1700	181	Level 4

Table 8.D.2 Raw-to-Scale-Score Conversion Table for Written, Kindergarten

Raw Score	Scale Score	CSEM	Level
0	1150	87	Level 1
1	1186	66	Level 1
2	1236	42	Level 1
3	1265	30	Level 1
4	1283	24	Level 1
5	1298	19	Level 1
6	1309	17	Level 1
7	1318	15	Level 1
8	1327	13	Level 1
9	1334	12	Level 1
10	1340	11	Level 1
11	1346	10	Level 2
12	1351	9	Level 2
13	1355	8	Level 2
14	1359	8	Level 2
15	1364	8	Level 2
16	1368	8	Level 2
17	1372	8	Level 2
18	1376	8	Level 2
19	1380	8	Level 2
20	1384	8	Level 2
21	1389	9	Level 2
22	1395	10	Level 2
23	1401	11	Level 2
24	1410	14	Level 3
25	1420	17	Level 3
26	1434	21	Level 3
27	1456	31	Level 3
28	1498	56	Level 4
29	1700	271	Level 4

Table 8.D.3 Raw-to-Scale-Score Conversion Table for Oral, Grade One

Raw Score	Scale Score	CSEM	Level
0	1150	110	Level 1
1	1216	59	Level 1
2	1261	36	Level 1
3	1285	27	Level 1
4	1301	22	Level 1
5	1314	20	Level 1
6	1324	18	Level 1
7	1333	16	Level 1
8	1340	15	Level 1
9	1347	14	Level 1
10	1353	14	Level 1
11	1359	13	Level 1
12	1365	13	Level 1
13	1370	12	Level 1
14	1375	12	Level 1
15	1379	11	Level 1
16	1384	11	Level 1
17	1388	11	Level 1
18	1392	10	Level 1
19	1396	10	Level 1
20	1399	10	Level 1
21	1403	10	Level 1
22	1407	10	Level 1
23	1410	10	Level 2
24	1414	10	Level 2
25	1418	10	Level 2
26	1421	10	Level 2
27	1425	10	Level 2
28	1429	11	Level 2
29	1434	11	Level 2
30	1438	11	Level 2
31	1443	12	Level 2
32	1448	12	Level 2
33	1453	12	Level 3
34	1459	13	Level 3
35	1465	14	Level 3
36	1472	14	Level 3
37	1480	15	Level 3
38	1489	16	Level 3

Table 8.D.3 (*continuation*)

Raw Score	Scale Score	CSEM	Level
39	1500	18	Level 4
40	1514	21	Level 4
41	1533	26	Level 4
42	1565	39	Level 4
43	1700	211	Level 4

Table 8.D.4 Raw-to-Scale-Score Conversion Table for Written, Grade One

Raw Score	Scale Score	CSEM	Level
0	1150	330	Level 1
1	1304	32	Level 1
2	1327	22	Level 1
3	1341	17	Level 1
4	1350	15	Level 1
5	1358	13	Level 1
6	1365	12	Level 1
7	1370	12	Level 1
8	1375	11	Level 1
9	1380	11	Level 1
10	1384	10	Level 1
11	1388	10	Level 1
12	1392	10	Level 1
13	1396	10	Level 1
14	1400	10	Level 1
15	1404	10	Level 1
16	1408	10	Level 1
17	1411	10	Level 1
18	1415	10	Level 2
19	1419	10	Level 2
20	1422	10	Level 2
21	1426	10	Level 2
22	1430	10	Level 2
23	1434	11	Level 2
24	1438	11	Level 2
25	1443	11	Level 2
26	1448	12	Level 2
27	1453	12	Level 2
28	1458	13	Level 2
29	1464	13	Level 3
30	1471	15	Level 3
31	1480	16	Level 3
32	1490	19	Level 3
33	1504	23	Level 3
34	1528	33	Level 4
35	1700	398	Level 4

Table 8.D.5 Raw-to-Scale-Score Conversion Table for Oral, Grade Two

Raw Score	Scale Score	CSEM	Level
0	1150	112	Level 1
1	1216	61	Level 1
2	1262	37	Level 1
3	1286	28	Level 1
4	1302	23	Level 1
5	1314	20	Level 1
6	1324	18	Level 1
7	1332	16	Level 1
8	1339	15	Level 1
9	1346	14	Level 1
10	1351	14	Level 1
11	1357	13	Level 1
12	1362	12	Level 1
13	1366	12	Level 1
14	1370	12	Level 1
15	1375	11	Level 1
16	1379	11	Level 1
17	1382	11	Level 1
18	1386	11	Level 1
19	1390	11	Level 1
20	1393	11	Level 1
21	1397	11	Level 1
22	1400	11	Level 1
23	1404	11	Level 1
24	1407	11	Level 1
25	1410	11	Level 1
26	1414	11	Level 2
27	1417	11	Level 2
28	1421	11	Level 2
29	1425	11	Level 2
30	1428	11	Level 2
31	1432	12	Level 2
32	1436	12	Level 2
33	1441	12	Level 2
34	1445	12	Level 2
35	1449	13	Level 2
36	1454	13	Level 2
37	1460	14	Level 3
38	1465	14	Level 3

Table 8.D.5 (continuation)

Raw Score	Scale Score	CSEM	Level
39	1471	15	Level 3
40	1478	16	Level 3
41	1485	17	Level 3
42	1493	18	Level 3
43	1503	20	Level 3
44	1514	22	Level 4
45	1528	25	Level 4
46	1547	30	Level 4
47	1575	40	Level 4
48	1630	70	Level 4
49	1700	124	Level 4

Table 8.D.6 Raw-to-Scale-Score Conversion Table for Written, Grade Two

Raw Score	Scale Score	CSEM	Level
0	1150	269	Level 1
1	1309	34	Level 1
2	1334	23	Level 1
3	1348	18	Level 1
4	1358	15	Level 1
5	1366	14	Level 1
6	1372	13	Level 1
7	1378	12	Level 1
8	1383	11	Level 1
9	1388	11	Level 1
10	1392	10	Level 1
11	1396	10	Level 1
12	1400	10	Level 1
13	1404	10	Level 1
14	1408	10	Level 1
15	1411	10	Level 1
16	1415	10	Level 1
17	1418	10	Level 1
18	1422	10	Level 1
19	1425	10	Level 1
20	1429	10	Level 1
21	1432	10	Level 1
22	1436	10	Level 2
23	1439	10	Level 2
24	1443	10	Level 2
25	1446	10	Level 2
26	1450	10	Level 2
27	1454	10	Level 2
28	1458	11	Level 2
29	1462	11	Level 2
30	1466	11	Level 2
31	1471	12	Level 2
32	1476	12	Level 2
33	1481	12	Level 3
34	1487	13	Level 3
35	1494	14	Level 3
36	1501	15	Level 3
37	1510	17	Level 3

Table 8.D.6 (*continuation*)

Raw Score	Scale Score	CSEM	Level
38	1522	21	Level 3
39	1539	27	Level 3
40	1570	42	Level 4
41	1700	190	Level 4

Table 8.D.7 Raw-to-Scale-Score Conversion Table for Oral, Grade Three

Raw Score	Scale Score	CSEM	Level
0	1150	105	Level 1
1	1213	62	Level 1
2	1258	41	Level 1
3	1283	32	Level 1
4	1301	27	Level 1
5	1315	23	Level 1
6	1326	21	Level 1
7	1335	19	Level 1
8	1343	18	Level 1
9	1350	16	Level 1
10	1356	16	Level 1
11	1362	15	Level 1
12	1367	14	Level 1
13	1372	14	Level 1
14	1377	13	Level 1
15	1381	13	Level 1
16	1385	12	Level 1
17	1389	12	Level 1
18	1393	12	Level 1
19	1397	12	Level 1
20	1401	12	Level 1
21	1404	12	Level 1
22	1408	12	Level 1
23	1411	12	Level 1
24	1415	12	Level 1
25	1419	12	Level 1
26	1423	12	Level 1
27	1426	12	Level 1
28	1430	12	Level 1
29	1434	13	Level 1
30	1438	13	Level 2
31	1443	13	Level 2
32	1447	13	Level 2
33	1451	14	Level 2
34	1456	14	Level 2
35	1461	14	Level 2
36	1466	15	Level 3
37	1472	15	Level 3
38	1478	16	Level 3

Table 8.D.7 (continuation)

Raw Score	Scale Score	CSEM	Level
39	1484	16	Level 3
40	1491	17	Level 3
41	1498	18	Level 3
42	1506	18	Level 3
43	1514	19	Level 4
44	1524	21	Level 4
45	1535	22	Level 4
46	1548	24	Level 4
47	1563	28	Level 4
48	1583	33	Level 4
49	1612	43	Level 4
50	1667	73	Level 4
51	1800	178	Level 4

Table 8.D.8 Raw-to-Scale-Score Conversion Table for Written, Grade Three

Raw Score	Scale Score	CSEM	Level
0	1150	202	Level 1
1	1292	56	Level 1
2	1335	37	Level 1
3	1359	29	Level 1
4	1376	24	Level 1
5	1389	21	Level 1
6	1399	19	Level 1
7	1408	18	Level 1
8	1416	16	Level 1
9	1423	15	Level 1
10	1429	15	Level 1
11	1435	14	Level 1
12	1440	14	Level 1
13	1445	13	Level 1
14	1450	13	Level 1
15	1454	13	Level 1
16	1459	12	Level 1
17	1463	12	Level 2
18	1468	12	Level 2
19	1472	12	Level 2
20	1476	12	Level 2
21	1481	12	Level 2
22	1485	12	Level 2
23	1490	13	Level 2
24	1494	13	Level 2
25	1499	13	Level 2
26	1503	13	Level 2
27	1508	13	Level 2
28	1513	14	Level 3
29	1519	14	Level 3
30	1524	14	Level 3
31	1530	15	Level 3
32	1536	15	Level 3
33	1542	16	Level 3
34	1549	17	Level 3
35	1557	18	Level 4
36	1565	19	Level 4
37	1575	20	Level 4
38	1586	23	Level 4

Table 8.D.8 (continuation)

Raw Score	Scale Score	CSEM	Level
39	1600	26	Level 4
40	1617	30	Level 4
41	1642	39	Level 4
42	1689	62	Level 4
43	1800	164	Level 4

Table 8.D.9 Raw-to-Scale-Score Conversion Table for Oral, Grade Four

Raw Score	Scale Score	CSEM	Level
0	1150	105	Level 1
1	1213	62	Level 1
2	1258	41	Level 1
3	1283	32	Level 1
4	1301	27	Level 1
5	1315	23	Level 1
6	1326	21	Level 1
7	1335	19	Level 1
8	1343	18	Level 1
9	1350	16	Level 1
10	1356	16	Level 1
11	1362	15	Level 1
12	1367	14	Level 1
13	1372	14	Level 1
14	1377	13	Level 1
15	1381	13	Level 1
16	1385	12	Level 1
17	1389	12	Level 1
18	1393	12	Level 1
19	1397	12	Level 1
20	1401	12	Level 1
21	1404	12	Level 1
22	1408	12	Level 1
23	1411	12	Level 1
24	1415	12	Level 1
25	1419	12	Level 1
26	1423	12	Level 1
27	1426	12	Level 1
28	1430	12	Level 1
29	1434	13	Level 1
30	1438	13	Level 1
31	1443	13	Level 2
32	1447	13	Level 2
33	1451	14	Level 2
34	1456	14	Level 2
35	1461	14	Level 2
36	1466	15	Level 2
37	1472	15	Level 3
38	1478	16	Level 3

Table 8.D.9 (continuation)

Raw Score	Scale Score	CSEM	Level
39	1484	16	Level 3
40	1491	17	Level 3
41	1498	18	Level 3
42	1506	18	Level 3
43	1514	19	Level 3
44	1524	21	Level 4
45	1535	22	Level 4
46	1548	24	Level 4
47	1563	28	Level 4
48	1583	33	Level 4
49	1612	43	Level 4
50	1667	73	Level 4
51	1800	178	Level 4

Table 8.D.10 Raw-to-Scale-Score Conversion Table for Written, Grade Four

Raw Score	Scale Score	CSEM	Level
0	1150	202	Level 1
1	1292	56	Level 1
2	1335	37	Level 1
3	1359	29	Level 1
4	1376	24	Level 1
5	1389	21	Level 1
6	1399	19	Level 1
7	1408	18	Level 1
8	1416	16	Level 1
9	1423	15	Level 1
10	1429	15	Level 1
11	1435	14	Level 1
12	1440	14	Level 1
13	1445	13	Level 1
14	1450	13	Level 1
15	1454	13	Level 1
16	1459	12	Level 1
17	1463	12	Level 1
18	1468	12	Level 1
19	1472	12	Level 1
20	1476	12	Level 1
21	1481	12	Level 2
22	1485	12	Level 2
23	1490	13	Level 2
24	1494	13	Level 2
25	1499	13	Level 2
26	1503	13	Level 2
27	1508	13	Level 2
28	1513	14	Level 2
29	1519	14	Level 2
30	1524	14	Level 2
31	1530	15	Level 3
32	1536	15	Level 3
33	1542	16	Level 3
34	1549	17	Level 3
35	1557	18	Level 3
36	1565	19	Level 3
37	1575	20	Level 4
38	1586	23	Level 4

Table 8.D.10 (*continuation*)

Raw Score	Scale Score	CSEM	Level
39	1600	26	Level 4
40	1617	30	Level 4
41	1642	39	Level 4
42	1689	62	Level 4
43	1800	164	Level 4

Table 8.D.11 Raw-to-Scale-Score Conversion Table for Oral, Grade Five

Raw Score	Scale Score	CSEM	Level
0	1150	105	Level 1
1	1213	62	Level 1
2	1258	41	Level 1
3	1283	32	Level 1
4	1301	27	Level 1
5	1315	23	Level 1
6	1326	21	Level 1
7	1335	19	Level 1
8	1343	18	Level 1
9	1350	16	Level 1
10	1356	16	Level 1
11	1362	15	Level 1
12	1367	14	Level 1
13	1372	14	Level 1
14	1377	13	Level 1
15	1381	13	Level 1
16	1385	12	Level 1
17	1389	12	Level 1
18	1393	12	Level 1
19	1397	12	Level 1
20	1401	12	Level 1
21	1404	12	Level 1
22	1408	12	Level 1
23	1411	12	Level 1
24	1415	12	Level 1
25	1419	12	Level 1
26	1423	12	Level 1
27	1426	12	Level 1
28	1430	12	Level 1
29	1434	13	Level 1
30	1438	13	Level 1
31	1443	13	Level 1
32	1447	13	Level 2
33	1451	14	Level 2
34	1456	14	Level 2
35	1461	14	Level 2
36	1466	15	Level 2
37	1472	15	Level 2
38	1478	16	Level 3

Table 8.D.11 (*continuation*)

Raw Score	Scale Score	CSEM	Level
39	1484	16	Level 3
40	1491	17	Level 3
41	1498	18	Level 3
42	1506	18	Level 3
43	1514	19	Level 3
44	1524	21	Level 3
45	1535	22	Level 4
46	1548	24	Level 4
47	1563	28	Level 4
48	1583	33	Level 4
49	1612	43	Level 4
50	1667	73	Level 4
51	1800	178	Level 4

Table 8.D.12 Raw-to-Scale-Score Conversion Table for Written, Grade Five

Raw Score	Scale Score	CSEM	Level
0	1150	202	Level 1
1	1292	56	Level 1
2	1335	37	Level 1
3	1359	29	Level 1
4	1376	24	Level 1
5	1389	21	Level 1
6	1399	19	Level 1
7	1408	18	Level 1
8	1416	16	Level 1
9	1423	15	Level 1
10	1429	15	Level 1
11	1435	14	Level 1
12	1440	14	Level 1
13	1445	13	Level 1
14	1450	13	Level 1
15	1454	13	Level 1
16	1459	12	Level 1
17	1463	12	Level 1
18	1468	12	Level 1
19	1472	12	Level 1
20	1476	12	Level 1
21	1481	12	Level 1
22	1485	12	Level 1
23	1490	13	Level 2
24	1494	13	Level 2
25	1499	13	Level 2
26	1503	13	Level 2
27	1508	13	Level 2
28	1513	14	Level 2
29	1519	14	Level 2
30	1524	14	Level 2
31	1530	15	Level 2
32	1536	15	Level 2
33	1542	16	Level 2
34	1549	17	Level 2
35	1557	18	Level 3
36	1565	19	Level 3
37	1575	20	Level 3
38	1586	23	Level 3

Table 8.D.12 (*continuation*)

Raw Score	Scale Score	CSEM	Level
39	1600	26	Level 4
40	1617	30	Level 4
41	1642	39	Level 4
42	1689	62	Level 4
43	1800	164	Level 4

Table 8.D.13 Raw-to-Scale-Score Conversion Table for Oral, Grade Six

Raw Score	Scale Score	CSEM	Level
0	1150	83	Level 1
1	1150	83	Level 1
2	1172	72	Level 1
3	1220	53	Level 1
4	1252	43	Level 1
5	1275	36	Level 1
6	1294	31	Level 1
7	1309	28	Level 1
8	1321	25	Level 1
9	1332	22	Level 1
10	1342	20	Level 1
11	1350	19	Level 1
12	1358	17	Level 1
13	1365	16	Level 1
14	1371	16	Level 1
15	1377	15	Level 1
16	1382	14	Level 1
17	1387	14	Level 1
18	1392	14	Level 1
19	1397	13	Level 1
20	1401	13	Level 1
21	1406	13	Level 1
22	1410	13	Level 1
23	1415	13	Level 1
24	1419	13	Level 1
25	1424	13	Level 1
26	1428	14	Level 1
27	1433	14	Level 1
28	1437	14	Level 1
29	1442	14	Level 1
30	1447	14	Level 1
31	1452	15	Level 2
32	1457	15	Level 2
33	1462	16	Level 2
34	1468	16	Level 2
35	1474	17	Level 2
36	1480	17	Level 2
37	1487	18	Level 3
38	1495	19	Level 3

Table 8.D.13 (continuation)

Raw Score	Scale Score	CSEM	Level
39	1502	20	Level 3
40	1511	21	Level 3
41	1520	22	Level 3
42	1531	24	Level 3
43	1543	26	Level 4
44	1556	28	Level 4
45	1572	31	Level 4
46	1592	36	Level 4
47	1617	43	Level 4
48	1652	56	Level 4
49	1714	88	Level 4
50	1856	186	Level 4
51	1900	203	Level 4

Table 8.D.14 Raw-to-Scale-Score Conversion Table for Written, Grade Six

Raw Score	Scale Score	CSEM	Level
0	1150	208	Level 1
1	1294	61	Level 1
2	1341	42	Level 1
3	1369	34	Level 1
4	1389	29	Level 1
5	1404	26	Level 1
6	1417	23	Level 1
7	1428	21	Level 1
8	1437	20	Level 1
9	1445	19	Level 1
10	1453	18	Level 1
11	1460	18	Level 1
12	1467	17	Level 1
13	1473	17	Level 1
14	1480	17	Level 1
15	1486	17	Level 1
16	1492	17	Level 1
17	1498	16	Level 1
18	1504	16	Level 2
19	1509	16	Level 2
20	1515	16	Level 2
21	1521	17	Level 2
22	1527	17	Level 2
23	1533	17	Level 2
24	1539	17	Level 2
25	1545	17	Level 2
26	1551	17	Level 3
27	1558	18	Level 3
28	1564	18	Level 3
29	1571	19	Level 3
30	1578	19	Level 3
31	1586	20	Level 3
32	1594	21	Level 4
33	1603	22	Level 4
34	1612	23	Level 4
35	1623	24	Level 4
36	1635	26	Level 4
37	1649	29	Level 4
38	1665	33	Level 4

Table 8.D.14 (*continuation*)

Raw Score	Scale Score	CSEM	Level
39	1687	39	Level 4
40	1715	48	Level 4
41	1759	65	Level 4
42	1844	109	Level 4
43	1900	146	Level 4

Table 8.D.15 Raw-to-Scale-Score Conversion Table for Oral, Grade Seven

Raw Score	Scale Score	CSEM	Level
0	1150	83	Level 1
1	1150	83	Level 1
2	1172	72	Level 1
3	1220	53	Level 1
4	1252	43	Level 1
5	1275	36	Level 1
6	1294	31	Level 1
7	1309	28	Level 1
8	1321	25	Level 1
9	1332	22	Level 1
10	1342	20	Level 1
11	1350	19	Level 1
12	1358	17	Level 1
13	1365	16	Level 1
14	1371	16	Level 1
15	1377	15	Level 1
16	1382	14	Level 1
17	1387	14	Level 1
18	1392	14	Level 1
19	1397	13	Level 1
20	1401	13	Level 1
21	1406	13	Level 1
22	1410	13	Level 1
23	1415	13	Level 1
24	1419	13	Level 1
25	1424	13	Level 1
26	1428	14	Level 1
27	1433	14	Level 1
28	1437	14	Level 1
29	1442	14	Level 1
30	1447	14	Level 1
31	1452	15	Level 1
32	1457	15	Level 2
33	1462	16	Level 2
34	1468	16	Level 2
35	1474	17	Level 2
36	1480	17	Level 2
37	1487	18	Level 2
38	1495	19	Level 2

Table 8.D.15 (continuation)

Raw Score	Scale Score	CSEM	Level
39	1502	20	Level 3
40	1511	21	Level 3
41	1520	22	Level 3
42	1531	24	Level 3
43	1543	26	Level 3
44	1556	28	Level 4
45	1572	31	Level 4
46	1592	36	Level 4
47	1617	43	Level 4
48	1652	56	Level 4
49	1714	88	Level 4
50	1856	186	Level 4
51	1900	203	Level 4

Table 8.D.16 Raw-to-Scale-Score Conversion Table for Written, Grade Seven

Raw Score	Scale Score	CSEM	Level
0	1150	208	Level 1
1	1294	61	Level 1
2	1341	42	Level 1
3	1369	34	Level 1
4	1389	29	Level 1
5	1404	26	Level 1
6	1417	23	Level 1
7	1428	21	Level 1
8	1437	20	Level 1
9	1445	19	Level 1
10	1453	18	Level 1
11	1460	18	Level 1
12	1467	17	Level 1
13	1473	17	Level 1
14	1480	17	Level 1
15	1486	17	Level 1
16	1492	17	Level 1
17	1498	16	Level 1
18	1504	16	Level 1
19	1509	16	Level 2
20	1515	16	Level 2
21	1521	17	Level 2
22	1527	17	Level 2
23	1533	17	Level 2
24	1539	17	Level 2
25	1545	17	Level 2
26	1551	17	Level 2
27	1558	18	Level 3
28	1564	18	Level 3
29	1571	19	Level 3
30	1578	19	Level 3
31	1586	20	Level 3
32	1594	21	Level 3
33	1603	22	Level 4
34	1612	23	Level 4
35	1623	24	Level 4
36	1635	26	Level 4
37	1649	29	Level 4
38	1665	33	Level 4

Table 8.D.16 (*continuation*)

Raw Score	Scale Score	CSEM	Level
39	1687	39	Level 4
40	1715	48	Level 4
41	1759	65	Level 4
42	1844	109	Level 4
43	1900	146	Level 4

Table 8.D.17 Raw-to-Scale-Score Conversion Table for Oral, Grade Eight

Raw Score	Scale Score	CSEM	Level
0	1150	83	Level 1
1	1150	83	Level 1
2	1172	72	Level 1
3	1220	53	Level 1
4	1252	43	Level 1
5	1275	36	Level 1
6	1294	31	Level 1
7	1309	28	Level 1
8	1321	25	Level 1
9	1332	22	Level 1
10	1342	20	Level 1
11	1350	19	Level 1
12	1358	17	Level 1
13	1365	16	Level 1
14	1371	16	Level 1
15	1377	15	Level 1
16	1382	14	Level 1
17	1387	14	Level 1
18	1392	14	Level 1
19	1397	13	Level 1
20	1401	13	Level 1
21	1406	13	Level 1
22	1410	13	Level 1
23	1415	13	Level 1
24	1419	13	Level 1
25	1424	13	Level 1
26	1428	14	Level 1
27	1433	14	Level 1
28	1437	14	Level 1
29	1442	14	Level 1
30	1447	14	Level 1
31	1452	15	Level 1
32	1457	15	Level 1
33	1462	16	Level 2
34	1468	16	Level 2
35	1474	17	Level 2
36	1480	17	Level 2
37	1487	18	Level 2
38	1495	19	Level 2

Table 8.D.17 (continuation)

Raw Score	Scale Score	CSEM	Level
39	1502	20	Level 2
40	1511	21	Level 3
41	1520	22	Level 3
42	1531	24	Level 3
43	1543	26	Level 3
44	1556	28	Level 3
45	1572	31	Level 4
46	1592	36	Level 4
47	1617	43	Level 4
48	1652	56	Level 4
49	1714	88	Level 4
50	1856	186	Level 4
51	1900	203	Level 4

Table 8.D.18 Raw-to-Scale-Score Conversion Table for Written, Grade Eight

Raw Score	Scale Score	CSEM	Level
0	1150	208	Level 1
1	1294	61	Level 1
2	1341	42	Level 1
3	1369	34	Level 1
4	1389	29	Level 1
5	1404	26	Level 1
6	1417	23	Level 1
7	1428	21	Level 1
8	1437	20	Level 1
9	1445	19	Level 1
10	1453	18	Level 1
11	1460	18	Level 1
12	1467	17	Level 1
13	1473	17	Level 1
14	1480	17	Level 1
15	1486	17	Level 1
16	1492	17	Level 1
17	1498	16	Level 1
18	1504	16	Level 1
19	1509	16	Level 1
20	1515	16	Level 2
21	1521	17	Level 2
22	1527	17	Level 2
23	1533	17	Level 2
24	1539	17	Level 2
25	1545	17	Level 2
26	1551	17	Level 2
27	1558	18	Level 2
28	1564	18	Level 3
29	1571	19	Level 3
30	1578	19	Level 3
31	1586	20	Level 3
32	1594	21	Level 3
33	1603	22	Level 3
34	1612	23	Level 4
35	1623	24	Level 4
36	1635	26	Level 4
37	1649	29	Level 4
38	1665	33	Level 4

Table 8.D.18 (*continuation*)

Raw Score	Scale Score	CSEM	Level
39	1687	39	Level 4
40	1715	48	Level 4
41	1759	65	Level 4
42	1844	109	Level 4
43	1900	146	Level 4

Table 8.D.19 Raw-to-Scale-Score Conversion Table for Oral, Grades Nine and Ten

Raw Score	Scale Score	CSEM	Level
0	1150	84	Level 1
1	1150	84	Level 1
2	1150	84	Level 1
3	1203	65	Level 1
4	1241	53	Level 1
5	1270	45	Level 1
6	1293	38	Level 1
7	1311	33	Level 1
8	1327	29	Level 1
9	1340	26	Level 1
10	1351	23	Level 1
11	1361	21	Level 1
12	1370	20	Level 1
13	1377	19	Level 1
14	1385	18	Level 1
15	1391	17	Level 1
16	1397	16	Level 1
17	1403	16	Level 1
18	1408	15	Level 1
19	1413	15	Level 1
20	1418	15	Level 1
21	1423	14	Level 1
22	1428	14	Level 1
23	1432	14	Level 1
24	1436	14	Level 1
25	1441	14	Level 1
26	1445	14	Level 1
27	1450	14	Level 1
28	1454	14	Level 1
29	1458	14	Level 1
30	1463	14	Level 1
31	1467	14	Level 2
32	1472	15	Level 2
33	1477	15	Level 2
34	1482	16	Level 2
35	1488	16	Level 2
36	1494	17	Level 2
37	1500	18	Level 2
38	1507	19	Level 2

Table 8.D.19 (continuation)

Raw Score	Scale Score	CSEM	Level
39	1515	20	Level 3
40	1523	21	Level 3
41	1532	23	Level 3
42	1543	25	Level 3
43	1555	28	Level 3
44	1570	31	Level 3
45	1587	36	Level 4
46	1609	41	Level 4
47	1636	49	Level 4
48	1671	59	Level 4
49	1722	78	Level 4
50	1816	126	Level 4
51	1950	229	Level 4

Table 8.D.20 Raw-to-Scale-Score Conversion Table for Written, Grades Nine and Ten

Raw Score	Scale Score	CSEM	Level
0	1150	142	Level 1
1	1249	79	Level 1
2	1314	54	Level 1
3	1351	42	Level 1
4	1377	35	Level 1
5	1396	30	Level 1
6	1411	26	Level 1
7	1423	24	Level 1
8	1433	22	Level 1
9	1442	20	Level 1
10	1450	19	Level 1
11	1458	19	Level 1
12	1465	18	Level 1
13	1471	18	Level 1
14	1478	17	Level 1
15	1484	17	Level 1
16	1490	17	Level 1
17	1496	17	Level 1
18	1501	17	Level 1
19	1507	17	Level 1
20	1513	17	Level 1
21	1519	17	Level 1
22	1525	17	Level 2
23	1531	17	Level 2
24	1537	17	Level 2
25	1543	17	Level 2
26	1549	17	Level 2
27	1556	18	Level 2
28	1562	18	Level 2
29	1569	18	Level 2
30	1576	19	Level 2
31	1583	19	Level 3
32	1591	20	Level 3
33	1599	21	Level 3
34	1608	22	Level 3
35	1618	23	Level 3
36	1628	24	Level 3
37	1640	26	Level 4
38	1654	28	Level 4

Table 8.D.20 (continuation)

Raw Score	Scale Score	CSEM	Level
39	1670	31	Level 4
40	1691	37	Level 4
41	1721	46	Level 4
42	1773	71	Level 4
43	1950	239	Level 4

Table 8.D.21 Raw-to-Scale-Score Conversion Table for Oral, Grades Eleven and Twelve

Raw Score	Scale Score	CSEM	Level
0	1150	90	Level 1
1	1150	90	Level 1
2	1150	90	Level 1
3	1206	68	Level 1
4	1246	54	Level 1
5	1275	44	Level 1
6	1297	37	Level 1
7	1314	32	Level 1
8	1329	28	Level 1
9	1341	25	Level 1
10	1352	23	Level 1
11	1361	21	Level 1
12	1369	20	Level 1
13	1377	19	Level 1
14	1384	18	Level 1
15	1390	17	Level 1
16	1396	17	Level 1
17	1402	16	Level 1
18	1407	16	Level 1
19	1412	16	Level 1
20	1417	15	Level 1
21	1422	15	Level 1
22	1427	15	Level 1
23	1432	15	Level 1
24	1437	15	Level 1
25	1441	15	Level 1
26	1446	15	Level 1
27	1451	15	Level 1
28	1456	15	Level 1
29	1461	16	Level 1
30	1466	16	Level 1
31	1471	16	Level 2
32	1477	16	Level 2
33	1483	17	Level 2
34	1489	17	Level 2
35	1495	18	Level 2
36	1502	19	Level 2
37	1509	19	Level 2
38	1517	20	Level 3

Table 8.D.21 (*continuation*)

Raw Score	Scale Score	CSEM	Level
39	1525	21	Level 3
40	1534	22	Level 3
41	1544	24	Level 3
42	1555	26	Level 3
43	1568	28	Level 3
44	1582	31	Level 3
45	1600	35	Level 4
46	1621	40	Level 4
47	1648	48	Level 4
48	1685	62	Level 4
49	1744	90	Level 4
50	1854	149	Level 4
51	1950	204	Level 4

Table 8.D.22 Raw-to-Scale-Score Conversion Table for Written, Grades Eleven and Twelve

Raw Score	Scale Score	CSEM	Level
0	1150	175	Level 1
1	1232	96	Level 1
2	1310	53	Level 1
3	1348	40	Level 1
4	1374	33	Level 1
5	1393	29	Level 1
6	1408	26	Level 1
7	1421	24	Level 1
8	1432	22	Level 1
9	1442	21	Level 1
10	1451	19	Level 1
11	1459	19	Level 1
12	1466	18	Level 1
13	1474	18	Level 1
14	1480	18	Level 1
15	1487	17	Level 1
16	1494	17	Level 1
17	1500	17	Level 1
18	1507	17	Level 1
19	1513	17	Level 1
20	1519	17	Level 1
21	1526	17	Level 1
22	1532	17	Level 2
23	1539	18	Level 2
24	1545	18	Level 2
25	1552	18	Level 2
26	1559	18	Level 2
27	1566	18	Level 2
28	1573	19	Level 2
29	1581	19	Level 2
30	1588	20	Level 2
31	1597	21	Level 3
32	1606	21	Level 3
33	1615	22	Level 3
34	1626	24	Level 3
35	1637	25	Level 3
36	1651	27	Level 4
37	1666	30	Level 4
38	1685	35	Level 4

Table 8.D.22 (continuation)

Raw Score	Scale Score	CSEM	Level
39	1709	42	Level 4
40	1746	56	Level 4
41	1812	91	Level 4
42	1950	195	Level 4
43	1950	195	Level 4

Appendix 8.E. Interrater Agreement for Writing Items

Table 8.E.1 Interrater Agreement for Writing Items

Grade Level or Grade Span	Item ID	Double Rating Counts	Percent Exact	Percent Adjacent	Percent Discrepant	Points
Kindergarten	VH574038	19,051	99.6	0.4	0.0	1
Kindergarten	VH574059	19,059	99.6	0.4	0.0	1
Kindergarten	VH574063	18,968	97.3	2.6	0.0	2
Kindergarten	VH574079	19,099	98.4	1.5	0.1	2
Kindergarten	VH590330	19,072	99.7	0.3	0.0	1
Kindergarten	VH590343	19,043	99.0	1.0	0.0	1
Kindergarten	VH590348	18,992	98.4	1.6	0.1	2
Kindergarten	VH590354	19,067	97.8	2.2	0.0	2
Grade 1	VH575294	15,706	99.3	0.7	0.0	1
Grade 1	VH575317	15,664	99.3	0.7	0.0	1
Grade 1	VH575322	15,717	98.4	1.5	0.1	2
Grade 1	VH575326	15,741	87.4	11.6	1.0	3
Grade 1	VH581453	15,530	89.4	10.4	0.1	3
Grade 1	VH581478	15,814	92.8	7.1	0.0	2
Grade 1	VH581484	15,411	80.7	18.5	0.8	3
Grade 2	VH573925	14,208	99.4	0.6	0.0	1
Grade 2	VH573927	14,270	99.7	0.3	0.0	1
Grade 2	VH573930	14,287	99.3	0.7	0.0	2
Grade 2	VH573933	14,368	86.4	12.9	0.7	3
Grade 2	VH581433	14,071	86.9	13.0	0.1	3
Grade 2	VH581499	14,198	95.1	4.8	0.0	2
Grade 2	VH581501	13,880	85.4	14.5	0.1	3
Grade span 3–5	VH573816	37,009	81.1	18.7	0.3	4
Grade span 3–5	VH576052	36,744	79.0	20.7	0.3	4
Grade span 3–5	VH581300	35,759	95.6	4.3	0.1	2
Grade span 3–5	VH581314	35,988	92.2	7.8	0.0	2
Grade span 3–5	VH631647	35,842	94.3	5.6	0.0	2
Grade span 3–5	VH631650	35,897	88.0	12.0	0.0	3
Grade span 6–8	VH574196	26,046	78.4	21.2	0.3	4
Grade span 6–8	VH575895	25,987	77.1	22.3	0.6	4
Grade span 6–8	VH577846	25,343	95.6	4.4	0.0	2
Grade span 6–8	VH577860	25,105	86.8	13.1	0.1	3
Grade span 6–8	VH582350	25,170	92.7	7.2	0.1	2
Grade span 6–8	VH582455	25,426	92.5	7.4	0.1	2
Grade span 9–10	VH574247	13,027	76.0	23.7	0.3	4
Grade span 9–10	VH576013	12,777	95.8	4.2	0.0	2

Table 8.E.1 (continuation)

Grade Level or Grade Span	Item ID	Double Rating Counts	Percent Exact	Percent Adjacent	Percent Discrepant	Points
Grade span 9–10	VH576020	12,710	90.3	9.5	0.2	3
Grade span 9–10	VH576280	13,156	75.4	23.8	0.8	4
Grade span 9–10	VH583467	12,621	96.3	3.7	0.0	2
Grade span 9–10	VH583476	12,737	92.3	7.7	0.0	2
Grade span 11–12	VH574271	9,722	79.4	20.3	0.3	4
Grade span 11–12	VH574580	9,521	95.2	4.8	0.0	2
Grade span 11–12	VH574583	9,606	87.4	12.3	0.3	3
Grade span 11–12	VH575258	9,904	81.2	18.5	0.3	4
Grade span 11–12	VH582602	9,478	96.5	3.5	0.0	2
Grade span 11–12	VH582607	9,525	92.6	7.3	0.1	2

Note: Discrepant ratings can occur on one-point items when one rater assigns a condition code as blank.

Appendix 8.F. Classification Consistency and Accuracy

Table 8.F.1 Classification Accuracy at Each Proficiency Threshold Score, Oral Language Skill

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

Table 8.F.2 Classification Accuracy at Each Proficiency Threshold Score, Written Language Skill

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

Table 8.F.3 Classification Accuracy at Each Proficiency Threshold Score, Overall

Grade Level or Grade Span	Cut Between Level 1 and Level 2	Cut Between Level 2 and Level 3	Cut Between Level 3 and Level 4
Kindergarten	0.91	0.86	0.88
Grade 1	0.89	0.87	0.91
Grade 2	0.92	0.89	0.93
Grade 3	0.89	0.87	0.93
Grade 4	0.91	0.87	0.94
Grade 5	0.91	0.88	0.94
Grade 6	0.88	0.86	0.92
Grade 7	0.89	0.86	0.92
Grade 8	0.89	0.87	0.93
Grade 9	0.89	0.88	0.94
Grade 10	0.91	0.89	0.95
Grade 11	0.89	0.88	0.93
Grade 12	0.83	0.87	0.91

Table 8.F.4 Classification Consistency at Each Proficiency Threshold Score, Oral Language Skill

Grade Level or Grade Span	Cut Between Level 1 and Level 2	Cut Between Level 2 and Level 3	Cut Between Level 3 and Level 4
Kindergarten	0.93	0.85	0.89
Grade 1	0.94	0.84	0.88
Grade 2	0.96	0.86	0.87
Grade 3	0.92	0.85	0.87
Grade 4	0.94	0.87	0.86
Grade 5	0.93	0.87	0.86
Grade 6	0.92	0.85	0.86
Grade 7	0.91	0.85	0.88
Grade 8	0.91	0.85	0.89
Grade 9	0.92	0.86	0.90
Grade 10	0.93	0.87	0.90
Grade 11	0.91	0.84	0.90
Grade 12	0.90	0.85	0.90

Table 8.F.5 Classification Consistency at Each Proficiency Threshold Score, Written Language Skill

Grade Level or Grade Span	Cut Between Level 1 and Level 2	Cut Between Level 2 and Level 3	Cut Between Level 3 and Level 4
Kindergarten	0.93	0.86	0.91
Grade 1	0.91	0.87	0.93
Grade 2	0.92	0.87	0.92
Grade 3	0.90	0.84	0.91
Grade 4	0.90	0.84	0.92
Grade 5	0.90	0.84	0.93
Grade 6	0.87	0.81	0.91
Grade 7	0.88	0.82	0.89
Grade 8	0.86	0.84	0.92
Grade 9	0.86	0.87	0.95
Grade 10	0.87	0.86	0.94
Grade 11	0.86	0.86	0.94
Grade 12	0.88	0.87	0.95

Table 8.F.6 Classification Consistency at Each Proficiency Threshold Score, Overall

Grade Level or Grade Span	Cut Between Level 1 and Level 2	Cut Between Level 2 and Level 3	Cut Between Level 3 and Level 4
Kindergarten	0.90	0.83	0.88
Grade 1	0.89	0.85	0.90
Grade 2	0.91	0.86	0.92
Grade 3	0.88	0.83	0.92
Grade 4	0.90	0.85	0.91
Grade 5	0.90	0.85	0.91
Grade 6	0.87	0.82	0.91
Grade 7	0.88	0.83	0.92
Grade 8	0.88	0.84	0.92
Grade 9	0.89	0.86	0.93
Grade 10	0.90	0.87	0.94
Grade 11	0.89	0.85	0.92
Grade 12	0.83	0.85	0.91