

Critical Element 4.1 – Reliability

	Evidence	Notes
<p>The State has documented adequate reliability evidence for its assessments for the following measures of reliability for the State’s student population overall and each student group consistent with nationally recognized professional and technical testing standards. If the State’s assessments are implemented in multiple States, measures of reliability for the assessment overall and each student group consistent with nationally recognized professional and technical testing standards, including:</p> <ul style="list-style-type: none"> • Test reliability of the State’s assessments estimated for its student population (for ELP assessments, including any domain or component sub-tests, as applicable); • Overall and conditional standard error of measurement of the State’s assessments, including any domain or component sub-tests, as applicable; • Consistency and accuracy of estimates in categorical classification decisions for the cut scores, achievement levels or proficiency levels based on the assessment results; • For computer-adaptive tests, evidence that the assessments produce test forms with adequately precise estimates of an EL’s English proficiency. 	<p>2.1-3 <i>Annual Technical Report for ACCESS for ELLs® 2.0 Online English Language Proficiency Test, Series 401, 2016–2017 Administration</i></p> <p>2.1-4 <i>Annual Technical Report for ACCESS for ELLs® 2.0 Paper English Language Proficiency Test, Series 401, 2016–2017 Administration</i></p> <p>2.1-5 <i>Annual Technical Report for ALTERNATE ACCESS for ELLs® English Language Proficiency Test, Series 103, 2015-2016 Administration</i></p> <p>3.1-6 <i>Volume 2 of 3: Annual Technical Report for ACCESS for ELLs 2.0 Paper English Language Proficiency Test, Series 401, 2016–2017 Administration</i></p> <p>4.1-1 <i>Volume 3 of 3: Annual Technical Report for ACCESS for ELLs 2.0 Paper English Language Proficiency Test, Series 401, 2016–2017 Administration</i></p>	<p>ACCESS for ELLs Online The selected response items of the Listening and Reading domains of the ACCESS for ELLs Online assessments use Rasch reliability scores, and the extended response items of the Speaking and Writing domains use Cronbach’s Alpha. For full reliability analyses, see:</p> <p>p. 57-61, 117, 127, 134, 140, 143, 146, 150, 154, 158, 166, 177, 185, 191, 194, 198, 202, 206, 211, 219, 230, 238, 244, 247, 251, 255, 259, 264, 272, 284, 293, 299, 302, 307, 311, 315, 320, 329, 341, 350, 356, 359, 364, 368, 372, 377, 381, 382, 384, 387, 389, 391, 393, 396, 399, 401, 403, 406, 409, 412, 415, 418, 421, 425, 429, 433: <i>Annual Technical Report for ACCESS for ELLs® 2.0 Online English Language Proficiency Test, Series 401, 2016–2017 Administration [document 2.1-3]</i></p> <p>ACCESS for ELLs Paper All four domains of the ACCESS for ELLs Paper assessment use Cronbach’s Alpha. For full reliability analyses, see:</p> <p>p. 12-14, 19, 25, 31, 36, 41, 47, 53, 59, 65, 71, 78, 84, 90, 96, 110, 116, 122, 128, 134, 140, 146, 153, 159, 165, 171, 178, 185, 191, 197, 203, 209, 215, 221, 228, 234, 240, 246, 253, 260, 267, 274, 281, 288, 295, 302, 310, 317, 324, 331, 339, 347, 354, 361, 368, 375, 382, 389, 397, 404, 411, 418, 426, 434, 441, 448, 455, 462, 469, 476, 484, 491, 498, 505, 513, 521: <i>Volume 2 of 3: Annual Technical Report for ACCESS for ELLs 2.0 Paper English Language Proficiency Test, Series 401, 2016–2017 Administration [document 3.1-6]</i></p>

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p. 5-7, 7, 9, 11, 13, 14, 16, 18, 20, 23, 25, 27, 29, 30, 32, 34, 36, 39, 41, 43, 45, 46, 48, 50, 52, 55, 57, 59, 61, 62, 64, 66, 68, 71, 74, 77, 80, 83, 86, 89, 92, 95, 99, 103, 107, 111, 114, 117, 120, 123, 127, 131, 135, 139, 143, 147, 151: *Volume 3 of 3: Annual Technical Report for ACCESS for ELLs 2.0 Paper English Language Proficiency Test, Series 401, 2016–2017 Administration* [document 4.1-1]

Alternate ACCESS for ELLs

All four domains of the Alternate ACCESS for ELLs assessment use Cronbach’s Alpha. For full reliability analyses, see:

p. 76-78, 82, 88, 94, 98, 104, 106, 108, 110, 112, 118, 124, 128, 133, 135, 137, 139, 141, 146, 152, 156, 160,162, 164, 166, 168, 174, 180, 184, 189, 191, 193, 195: *Annual Technical Report for ALTERNATE ACCESS for ELLs® English Language Proficiency Test, Series 103, 2015-2016 Administration* [document 2.1-5]

For standard errors of measurement (i.e., precision) at cut score points for each domain of the ACCESS for ELLs assessments as well as accuracy and consistency of classification indices for each proficiency level, see:

ACCESS for ELLs Online

p. 57-58, 117, 127, 134, 140, 142, 146, 149, 154, 158, 166, 177, 185, 191, 193, 198, 201, 206, 211, 219, 230, 238, 244, 246, 251, 254, 259, 264, 272, 284, 293, 299, 301, 307, 310, 315, 320, 329, 341, 350, 356, 358, 364, 367, 372, 377 (TIF); 111-112, 119-121, 129, 155, 160-161, 169-171, 180, 186, 207, 213-214, 222-224, 233, 239, 260, 266-267, 276-278, 288, 294, 316, 323-324, 333-335, 345, 351, 373 (item difficulty): *Annual Technical Report*

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for ACCESS for ELLs® 2.0 Online English Language Proficiency Test, Series 401, 2016–2017 Administration [document 2.1-3]

ACCESS for ELLs Paper

p. 19, 25, 31, 36, 41, 47, 53, 59, 65, 71, 78, 84, 90, 96, 103, 110, 116, 122, 128, 134, 140, 146, 153, 159, 165, 171, 178, 185, 191, 197, 203, 209, 215, 221, 228, 234, 240, 246, 253, 260, 267, 274, 281, 288, 295, 302, 310, 317, 324, 331, 339, 347, 354, 361, 368, 375, 382, 389, 397, 404, 411, 418, 426, 434, 441, 448, 455, 462, 469, 476, 484, 491, 498, 505, 513, 521 (TIF); 20, 26, 32, 37, 42, 48, 54, 60, 66, 72, 79, 85, 91, 97, 104, 111, 117, 123, 129, 135, 141, 147, 154, 160, 166, 172, 179, 186, 192, 198, 204, 210, 216, 222, 229, 235, 241, 247, 254, 261, 268, 275, 282, 289, 296, 303, 311, 318, 325, 332, 340, 348, 355, 362, 369, 376, 383, 390, 397, 405, 412, 419, 427, 435, 442, 449, 456, 463, 470, 477, 485, 492, 499, 506, 514, 522 (item difficulty): *Volume 2 of 3: Annual Technical Report for ACCESS for ELLs 2.0 Paper English Language Proficiency Test, Series 401, 2016–2017 Administration [document 3.1-6]*

p. 7, 9, 11, 13, 23, 25, 27, 29, 39, 41, 43, 45, 55, 57, 59, 61, 71, 74, 77, 80, 95, 99, 103, 107, 123, 127, 131, 135 (item difficulty): *Volume 3 of 3: Annual Technical Report for ACCESS for ELLs 2.0 Paper English Language Proficiency Test, Series 401, 2016–2017 Administration [document 4.1-1]*

Alternate ACCESS for ELLs

p. 94, 98, 112, 118, 124, 141, 152, 156, 168, 174, 180, 184 (TIF); 83, 89, 95, 99, 113, 119, 125, 141, 147, 153, 157, 169, 175, 181, 185 (item difficulty): *Annual Technical Report for ALTERNATE ACCESS for ELLs® English Language Proficiency Test, Series 103, 2015-2016 Administration [document 2.1-5]*

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For details on the consistency and accuracy of estimates in categorical classification decisions for the overall composite score, see:

ACCESS for ELLs Online

p. iv: *Annual Technical Report for ACCESS for ELLs® 2.0 Online English Language Proficiency Test, Series 401, 2016–2017 Administration* [document 2.1-3]

ACCESS for ELLs Paper

p. iv: *Annual Technical Report for ACCESS for ELLs® 2.0 Paper English Language Proficiency Test, Series 401, 2016–2017 Administration* [document 2.1-4]

Alternate ACCESS for ELLs

p. 139: *Annual Technical Report for ALTERNATE ACCESS for ELLs® English Language Proficiency Test, Series 103, 2015-2016 Administration* [document 2.1-5]