Chapter 6 Texas English Language Proficiency Assessment System (TELPAS)

Overview

The Texas English Language Proficiency Assessment System (TELPAS) measures the progress that English learners (ELs) make in acquiring the English language. As required by Title III, Part A of the Elementary and Secondary Education Act (ESEA), and then reauthorized by 34 C.F.R. §200.6 of the Every Student Succeeds Act (ESSA), states must conduct annual statewide English language proficiency assessments for ELs in grades K–12 in the language domains of listening, speaking, reading, and writing. Prior to ESEA, Texas has developed and administered English language proficiency tests in the domain of reading, as required by Texas state law.

The 2017–2018 TELPAS online assessments for grades 2–12 include multiple-choice items, technology enhanced items, and automated-scored speaking items. All four language domains for grades K–1 and the writing assessments for grades 2–12 are performance-based and holistically rated. For each language domain, TELPAS measures four levels, or stages, of increasing English language proficiency: beginning, intermediate, advanced, and advanced high.

TELPAS assesses English language proficiency in direct alignment with the Texas English Language Proficiency Standards (ELPS) that are an integral part of each foundation and enrichment subject of the Texas Essential Knowledge and Skills (TEKS) curriculum. The ELPS outline the instruction that ELs must receive to support their ability to develop academic English language proficiency and acquire challenging academic knowledge and skills. The ELPS are composed of second language acquisition knowledge and skills that ELs are expected to learn, as well as proficiency level descriptors characterizing the four English language proficiency levels reported in Texas.

TELPAS and the State of Texas Assessments of Academic Readiness (STAAR®) are used to show the extent to which districts and the state meet ESSA requirements that are specific to the English language proficiency and academic achievement of ELs. Composite performance rather than individual language domain performance is used to determine ELs progress in achieving English language proficiency in TELPAS. For information about how TELPAS composite results are generated, refer to the TELPAS Comprehension and Composite Scores section in this chapter.

Teachers also use TELPAS student-level results to design instruction and plan interventions that appropriately address the student's linguistic and academic needs.

Participation Requirements

All K–12 ELs are required to participate in TELPAS, including students classified as limited English proficient (LEP) whose parents have declined bilingual/English as a second language (ESL) program services. ELs are required to be assessed annually until they meet bilingual/ESL program exit criteria and are reclassified as non-LEP. The rare circumstances in which a student might not be required to participate in one or more TELPAS language domains include:

Committee Decisions

In rare cases, it might be necessary for the admission, review, and dismissal (ARD) committee, in conjunction with the language proficiency assessment committee (LPAC), to determine that an EL receiving special education services should not be assessed in reading, writing, listening, and/or speaking for reasons associated with the student's disability. Participation must be considered on a domain-by-domain basis. The reason for not assessing the student must be related to the student's disability and be well-supported and documented in the student's individualized education program (IEP) by the ARD committee and the student's permanent record file by the LPAC.

Newly Enrolled ELs

An EL from another Texas school district, state, or country who enrolls on or after the first day of the TELPAS testing window will not be assessed by the receiving district in the holistically-rated domains. However, newly enrolled students in grades 2–12 are required to take the TELPAS reading and listening and speaking tests.

Test Development

TELPAS Assessments for Grades 2–12

Beginning in 2017-2018, TELPAS assesses students in an online format for listening, reading, and speaking. The TELPAS reading test for grades 2–12 employs an online multiple-choice answer format. TELPAS also administers the listening and speaking test online but uses a variety of item formats including picture-based, drag-and-drop, passage-based, and non-passage-based types. When rare unavoidable circumstances exist where students cannot access an online assessment, a special administration is available with TEA approval.

TELPAS reading will be in paper form, while a special administration of TELPAS listening and speaking will be holistic.

Listed below are TELPAS definitions of English language proficiency for each of the domains:

TELPAS defines English language proficiency in listening as the ability to understand spoken language, comprehend and extract information, and follow social and instructional discourse. ELs who are English-proficient in the domain of listening understand spoken English well enough to participate meaningfully, and with minimal second language acquisition support, in grade-level academic instruction.

TELPAS defines English language proficiency in reading as the ability to comprehend and interpret written text at the grade-appropriate level. This definition is not tied specifically to the language arts discipline, but, more broadly, to the ability to read texts typically encountered during all grade-level instruction.

TELPAS defines English language proficiency in speaking as the ability to use spoken English appropriately and effectively in learning activities and in social interactions. This definition relates specifically to the communication skills that an EL needs to use English as an effective medium for academic instruction.

TELPAS defines English language proficiency in writing as the ability to produce written text with content and format to fulfill grade-appropriate classroom assignments. This definition relates specifically to the communication skills that an EL needs to use English as an effective medium for academic instruction. As previously described, the grades 2–12 TELPAS writing assessment consists of performance-based student writing collections, holistically-rated by teachers of the students.

Six grade-cluster tests are administered for TELPAS reading, and four grade-cluster tests are administered for combined TELPAS listening and speaking, as shown in Table 6.1.

Table 6.1. Grade Clusters for TELPAS 2–12

Grade Clusters for TELPAS 2–12 Reading	Grade Clusters for TELPAS 2–12 Listening and Speaking
Grade 2	Grades 2–3
Grade 3	Grades 4–5
Grades 4–5	Grades 6–8
Grades 6–7	Grades 9–12
Grades 8–9	
Grades 10–12	

As with other components of the Texas assessment program, TEA involves educators and assessment experts in the TELPAS test development process. As part of the ongoing process to replenish the item banks, committees of Texas educators continue to review annually developed field-test items.
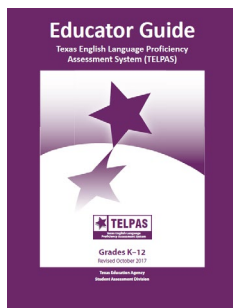
More information about the TELPAS tests for grades 2–12 is available in the Educator Guide to TELPAS available on the TEA's Student Assessment Division website. This guide is provided to familiarize educators with TELPAS. It shows the integral relationship between TELPAS and the ELPS. It also includes explanatory information on the TELPAS language domains of listening, speaking, reading, and writing as well as sample test questions for reading.

TELPAS Holistically-Rated Assessments

The TELPAS holistically-rated components assess all four domains in grades K–1 and writing in grades 2–12. To conduct these assessments, teachers are specially trained to rate the English language proficiency of ELs based on an evaluation of student writing, classroom observations in core content areas, and daily interactions with the students.

The rating process identifies a student's level of English language proficiency and is holistic rather than a measure of isolated skills. Teachers are trained to use the ELPS proficiency level descriptors (PLDs) as holistic rating rubrics to assign proficiency ratings of beginning, intermediate, advanced, or advanced high in each domain assessed. More information on the PLDs is provided in the Scores and Reports section.

TEA developed the TELPAS holistically-rated components in collaboration with test development experts; bilingual/ESL consultants; and members of an EL focus group composed of teachers, bilingual/ESL directors, assessment directors, campus administrators, and university professors. Like the TELPAS reading tests for grades 2–12, these assessments align with the ELPS assessing the English communication

skills that ELs need to engage meaningfully and effectively in learning the academic knowledge and skills required by the state. The holistically-rated assessments draw upon second language acquisition research, research-based standards, the experience of Texas practitioners, and observational assessment practices.

Together the online TELPAS tests for grades 2–12 and the holistically-rated writing component of TELPAS combine multiple-choice testing and modern technology-enhanced methods with authentic, performance-based writing assessment to measure the construct of academic English language proficiency.

Training

Each year, TELPAS raters participate in holistic rating training activities in preparation for providing accurate and reliable TELPAS scores.

The TELPAS rater training activities are primarily online. TEA has additional training resources to provide support as needed posted on the TELPAS Resources webpage.

The TELPAS online basic training courses are provided to teach raters the essentials of second language acquisition theory. They also teach raters how to use the PLDs from the ELPS to accurately identify the English language proficiency levels of their ELs based on how well the students understand and use English during daily academic instruction and classroom interactions. The online writing courses for grades 2–12 contain practice rating activities that comprise student writing collections. Online courses for K–1 contain numerous practice rating activities that comprise student writing samples and video segments in which ELs demonstrate their writing, reading, speaking, and listening skills in authentic Texas classroom settings. The courses give teachers practice applying the scoring rubrics (PLDs) and provide teachers with detailed feedback about their rating accuracy.

Each year, all raters are also required to complete online calibration activities to demonstrate their ability to apply the PLD rubrics consistently and accurately before they rate students for the operational assessment. Beginning in the 2010–2011 school year, calibration activities were provided for all holistically-rated domains—listening, speaking, reading (K–1 only), and writing. In 2017–2018, the calibration activities were provided for all domains for K–1 and for writing for grades 2–12. In addition, calibration activities were provided for raters of ELs approved for a special administration for listening and speaking. There are two sets of calibration activities, and all applicable language domains are represented. In order to demonstrate sufficient calibration, raters are required to rate at least 7 out of 10 students correctly within a set for grades K-1 and grades 2–12. Raters finish the calibration activities when they demonstrate sufficient accuracy. If sufficient accuracy is not obtained on the first set, the rater attempts a second and final online calibration set. Individuals not successful on the final set are either not used as raters (a district decision) or are provided rater support in accordance with test administration procedures. In the 2017–2018 school year, approximately 132,000 teachers successfully calibrated within the two attempts.

Test Administrations

During the 2017–2018 school year, over 721,000 TELPAS reading and over 723,000 TELPAS listening and speaking assessments were administered online. Holistic rating information was also collected online for writing for these students, as well as for an additional over 205,000 K–1 students for all domains. Districts administered the TELPAS assessments to eligible students as indicated in Table 6.2.

Table 6.2. TELPAS Assessments Administered in 2017–2018

TELPAS Grade	Assessments Administered			
	Listening	Speaking	Reading	Writing
Kindergarten	98,802	98,702	98,560	98,548
Grade 1	106,800	106,725	106,546	106,551
Grade 2	105,966	105,905	105,681	105,275
Grade 3	106,617	106,581	106,296	105,846
Grade 4	96,904	96,860	96,542	96,118
Grade 5	88,040	88,016	87,750	87,370
Grade 6	70,933	70,910	70,776	70,378
Grade 7	63,392	63,382	63,295	62,882
Grade 8	54,294	54,287	54,274	53,857
Grade 9	50,419	50,411	50,356	49,793
Grade 10	37,588	37,583	37,526	37,414
Grade 11	28,098	28,088	28,058	28,046
Grade 12	21,431	21,429	21,387	21,422

Administration procedures that support the integrity of the assessment process are a vital part of standardized testing. For the holistically-rated components of TELPAS, district personnel involved in the test administrations sign security oaths, verify the correct assembly and contents of student writing collections, and implement procedures to support the validity and reliability of the rating process.

Details about the TELPAS holistic rating training and administration procedures, including descriptions of the online training components, are found in the TELPAS section of the 2018 Coordinator Manual for the Texas assessment program.

Scores and Reports

English language proficiency tests are not designed to measure mastery of learning objectives with a pass or fail score because the process of acquiring and becoming academically proficient in a second language takes longer than a school year. The TELPAS results provide an annual indicator of where each EL is on a continuum of English language development designed for second language learners. This continuum is divided into four proficiency levels: beginning, intermediate, advanced, and advanced high. The progress of students along this continuum is the basis for the TELPAS reporting system, which enables districts and the state to evaluate whether ELs are making steady annual growth in learning to listen, speak, read, and write in English in the context of grade-level academic instruction.

Students who take the TELPAS assessments receive proficiency ratings in each language area assessed—listening, speaking, reading, and writing—as well as a composite rating that combines the four language-area ratings into one overall English language proficiency rating. The following descriptions provide a synopsis of the abilities associated with each level of proficiency defined in the ELPS. The complete set of PLDs that are used as the TELPAS assessment rubrics are found on the TELPAS Resources page on TEA's Student Assessment Division website.

Beginning level of English language proficiency: Students who receive this rating are in the early stages of acquiring English. These students typically have a small vocabulary of high-frequency survival words in English and little or no ability to use English in academic settings.

- Beginning listeners struggle to understand simple conversations and to identify and distinguish individual words and phrases spoken in English.

- Beginning speakers mainly use single words and short phrases and lack the knowledge of English grammar necessary to connect ideas and speak in sentences.

- Beginning readers' ability to derive meaning from English text is minimal. They rely heavily on previous knowledge of the topic, their limited vocabulary, and pictures to gain meaning from English text.

- Beginning writers lack the English vocabulary and grasp of English language structures and grammar necessary to build writing skills in English and address grade-level appropriate writing tasks in a meaningful way.

Intermediate level of English language proficiency: Students who receive this rating use common, basic English in routine academic activities but need considerable English language support to make instruction understandable. Socially, these students communicate simply in English about familiar topics and are generally able to understand casual conversations but do not comprehend all the details.

- Intermediate listeners usually understand simple or routine directions in English and short, simple conversations and discussions on familiar topics. They frequently understand only part of what they hear and seek clarification by requesting the speaker to repeat, slow down, or rephrase speech.

- Intermediate speakers know enough English to speak in a simple manner using basic, high-frequency vocabulary. They participate in short conversations and speak in sentences, though they might hesitate frequently and for long periods to think of how to communicate their intended meaning.

- Intermediate readers understand short, connected texts on familiar topics but tend to interpret English very literally and have difficulty following story lines that have a surprise twist or nonstandard format. Because their English vocabulary consists mainly of high-frequency, concrete words, they rely heavily on prior knowledge of a topic for comprehension and need the support of pictures that illustrate meaning.

- Intermediate writers have a limited ability to use the English language to build writing skills and a limited ability to address grade-level appropriate writing tasks in English. They frequently exhibit features of their primary language when expressing themselves in English and sometimes cannot be understood by individuals not accustomed to the writing of ELs.

Advanced level of English language proficiency: Students who receive this rating have an emerging academic English vocabulary, which they use in classroom instruction when given second language acquisition support. In social situations, these students can understand most of what they hear but have some difficulty with unfamiliar grammar and vocabulary.

- Advanced listeners can usually understand longer conversations and class discussions in English but occasionally depend on visuals, verbal cues, and gestures to support understanding.

- Advanced speakers participate comfortably in most conversations and academic discussions in English, with occasional pauses to restate, repeat, or search for words or phrases to clarify meaning. They can narrate, describe, and explain in some detail and have an ability to speak in English using a variety of sentence patterns and basic grammar structures.

- Advanced readers have an emerging grade-level appropriate English vocabulary and are familiar with the basic structure of the English language. They use this knowledge to understand texts that introduce them to unfamiliar topics, and, with support, they move beyond literal comprehension to begin to think critically about ideas presented in grade-level appropriate texts written in English.

- Advanced writers have enough knowledge of English to address grade-level appropriate writing tasks with second language acquisition support. They express themselves using a variety of verb tenses and sentence patterns, and

they can communicate their ideas in some detail, although they often require assistance when topics are abstract, academically challenging, or unfamiliar.

Advanced high level of English language proficiency: Students who receive this rating use academic English in classroom activities with little second language acquisition support from others, even when learning about unfamiliar material. Students at this level have a large enough vocabulary in English to communicate clearly and fluently in most situations.

- Advanced high listeners understand long conversations and class discussions in English, with little dependence on visuals, verbal cues, and gestures to support understanding. In both social and instructional interactions, they can understand main points and details at a level nearly comparable to native English-speaking peers.

- Advanced high speakers use abstract and content-based vocabulary and can participate in extended discussions in English on a variety of social and grade-level appropriate academic topics with only rare disruptions or hesitations.

- Advanced high readers might have occasional difficulty with low-frequency vocabulary or new English expressions but demonstrate, at a level nearly comparable to native English-speaking peers, comprehension of both explicit and implicit information in grade-level appropriate texts.

- Advanced high writers have acquired the English vocabulary and command of English language structures to address grade-level appropriate writing tasks. They are nearly comparable to native English-speaking peers in their ability to express themselves clearly and precisely, with occasional exceptions when dealing with complex or abstract ideas or when attempting to use low-frequency words and expressions.

Language Domain Scores

Results for the online assessments include proficiency level ratings, the number of items answered correctly (raw scores), and scale scores. For the holistically-rated writing domain, the domain score consists of the proficiency level rating of beginning, intermediate, advanced, and advanced high. The scores are recorded on student rating rosters, the rosters are filed at the local level, and the scores are submitted to Pearson through a secure website.

RAW SCORE

The number of total points scored on the online items is provided separately for each domain. The raw score can be interpreted only in terms of the specific set of test items on a test form because the difficulty of items might vary across different test forms over time. Thus, differences in student performance across tests or administrations cannot be compared using raw scores alone. To facilitate fair comparisons of student performance across different test forms and different administrations, raw scores are converted to scale scores.

SCALE SCORE

A scale score is a conversion of the raw score onto a scale that is common to all test forms for that assessment. Scale scores permit direct comparisons of student performance between specific sets of test questions from different test administrations.

Prior to 2018, TELPAS reading scale scores were reported on a vertical scale. Starting in 2018, TELPAS reading, listening, and speaking scale scores were reported on grade-band horizontal scales. Horizontal scaling for TELPAS is discussed further in the Scaling section of this chapter.

In grades 2 through 12, a student's scale score on a TELPAS domain determines the student's proficiency level for that domain. To facilitate the monitoring of a student's progress from one year to the next, TELPAS results for individual students include the student's proficiency level rating and scale score for the previous and current year. Proficiency level cut scores are discussed in the Performance Standards section of this chapter.

TELPAS Comprehension and Composite Scores

In addition to receiving a rating of beginning, intermediate, advanced, or advanced high for each domain, students also receive a comprehension score, composite score, and composite rating.

The comprehension score is determined from the listening and reading proficiency ratings. This score ranges from 1.0 to 4.0. The listening and reading ratings are each converted to a number from 1 (beginning) to 4 (advanced high). The average of the two numbers is the comprehension score.

The TELPAS composite scores and ratings indicate a student's overall level of English language proficiency and are determined from the student's listening, speaking, reading, and writing proficiency ratings. Each domain rating is equally weighted, as shown in Table 6.3. These weights were used for the first time in 2018 to coincide with the new TELPAS reading, listening, and speaking assessments.

Table 6.3. Weights of the Language Domains in TELPAS Composite Scores

Listening	Speaking	Reading	Writing
25%	25%	25%	25%

After a TELPAS composite score is calculated, a TELPAS composite rating is determined according to the rules below. All of the criteria listed for a particular rating must be met for a student to receive that rating.

Advanced High:

- A TELPAS composite score of 3.5 or higher

- A minimum proficiency level of advanced in all domains

Advanced:

- A TELPAS composite score of 2.5 or higher

- A minimum proficiency level of intermediate in all domains

- A minimum proficiency level of advanced in at least half of the domains in which the student was assessed

Intermediate:

- A TELPAS composite score of 1.5 or higher

- A minimum proficiency level of intermediate in at least half of the domains in which the student was assessed

Beginning:

- A student whose composite score fails to meet the intermediate requirements will receive a beginning proficiency rating.

Figure 6.1 provides a student example to show how composite results are generated.

Figure 6.1. Sample Calculation of Composite Results

Each domain rating is converted to a domain score from 1 (beginning) to 4 (advanced high).

Domain	Proficiency Level	Domain Score
Listening	Advanced	3
Speaking	Intermediate	2
Reading	Advanced	3
Writing	Intermediate	2

Each domain score is multiplied by the appropriate weight in Table 6.3 and then summed to obtain the TELPAS composite score, as shown:

Composite Score = (Listening × .25) + (Speaking × .25) + (Reading × .25) + (Writing × .25)

Using the sample scores from the chart above, the composite score is calculated as follows:

Composite Score = (3 × .25) + (2 × .25) + (3 × .25) + (2 × .25) = 2.50

The TELPAS composite scores are converted to the TELPAS composite ratings. This example composite score of 2.50 would result in a composite rating of advanced due to the ratings profile having:

- A TELPAS composite score of 2.5 or higher,

- A minimum proficiency level of intermediate in all domains, and

- A minimum proficiency level of advanced in at least half of the domains in which the student was assessed.

Assessment Reports

Standard and additional reports are provided for the various testing programs. Standard reports are provided automatically to districts. Information contained in standard reports satisfies mandatory reporting requirements. To receive additional reports, a district must select the corresponding additional reports in the Assessment Management System. Districts are required to pay a nominal fee for each additional report requested.

For more information about reporting of the TELPAS results, refer to the TEA publication Interpreting Assessment Reports.

Use of Test Results

The TELPAS student performance reports are used in the following ways:

- helping parents monitor the progress their child is making in acquiring English

- informing instructional planning for individual students

- reporting results to local school boards, school professionals, and the community

- evaluating programs, resources, and staffing patterns

- evaluating district effectiveness in accountability measures

Audits

Since the 2004–2005 school year, TEA has conducted periodic audits of the TELPAS assessment processes as a means of collecting reliability and validity evidence for the assessment program. Audits allow for the collection of information from school districts that can be used to evaluate the training, administration, and scoring of the holistically-rated assessments. Information collected during TELPAS audits has been useful in the refinement of TELPAS holistic rating training and administration procedures. For the listening and speaking domains, an audit process was used in which documentation was collected from teachers at selected sites to evaluate the accuracy of holistic ratings. The most recent TELPAS listening and speaking audit occurred in spring 2011. Starting in 2018, with the replacement of holistically-scored assessments with an online assessment, no further audits are needed for TELPAS listening and speaking.

A TELPAS writing audit was conducted in spring 2016. The next TELPAS writing audit will occur in spring 2019. During the TELPAS writing audits, expert raters provide second ratings of writing samples of students in the state, and testing personnel at the sampled sites complete questionnaires that allow the state to evaluate conformity with training and administration procedures. See the Interrater Reliability section of this chapter for more details.

Performance Standards

Performance standards relate levels of test performance directly to what students are expected to learn, as defined in the statewide curriculum. This is done by establishing cut scores that distinguish between performance levels or categories. Standard setting is the process of establishing these cut scores that define the performance levels for an assessment.

For holistically-rated assessments, standards are established through descriptions of student performance in the scoring rubrics and student exemplars used in scorer training. For the TELPAS holistically-rated assessments, the scoring rubrics are the

PLDs in the ELPS. The student exemplars are the student writing collections and student videos used in rater training.

For online tests, standards are established by determining the score students need to obtain to be classified into specified performance categories. For the TELPAS online reading, listening, and speaking tests, the performance categories are the proficiency levels described in the ELPS.

The original TELPAS reading proficiency level standards were established in 2008 when the Texas Assessment of Knowledge and Skills (TAKS) was the academic assessment in Texas.

The move from TAKS to STAAR in 2011–2012 made it necessary to review the original TELPAS reading proficiency level standards so that performance on TELPAS could be a meaningful indicator of the level of English language proficiency required to access the language in STAAR assessments. In August 2013, a standards review was conducted with committees of educators, and the Commissioner of Education approved the new standards.

The change to the TELPAS reading test design in spring 2018, in addition to the development of an online test for the listening and speaking domains, required establishing cut scores for the four TELPAS proficiency levels. The new standards were first implemented with the 2018 spring administration. Table 6.4 shows the scale score ranges from the proficiency level standard setting meetings conducted in summer 2018. The scale score ranges remain constant from year to year, even though slight fluctuations in raw score cut scores might occur. For more information about scale scores and the potential for raw score fluctuations in standardized assessments, refer to the Equating section in chapter 3, "Standard Technical Processes." More detailed information about the standard setting process is available in the TELPAS Standard Setting Technical Report on TEA's Student Assessment Division website.

Table 6.4. Approved Scale Score Cut Scores from 2018 TELPAS Standard Setting

Domain	TELPAS Reading Assessment	Beginning Level	Intermediate Level	Advanced Level	Advanced High Level
Reading	Grade 2	1000 to 1439	1440 to 1524	1525 to 1599	1600 to 2000
	Grade 3	1000 to 1434	1435 to 1524	1525 to 1599	1600 to 2000
	Grades 4–5	1000 to 1430	1431 to 1524	1525 to 1599	1600 to 2000
	Grades 6–7	1000 to 1446	1447 to 1524	1525 to 1599	1600 to 2000
	Grades 8–9	1000 to 1437	1438 to 1524	1525 to 1599	1600 to 2000
	Grades 10–12	1000 to 1426	1427 to 1524	1525 to 1599	1600 to 2000
Listening	Grades 2–3	1000 to 1441	1442 to 1524	1525 to 1599	1600 to 2000
	Grades 4–5	1000 to 1455	1456 to 1524	1525 to 1599	1600 to 2000
	Grades 6–8	1000 to 1430	1431 to 1524	1525 to 1599	1600 to 2000
	Grades 9–12	1000 to 1447	1448 to 1524	1525 to 1599	1600 to 2000
Speaking	Grades 2–3	1000 to 1410	1411 to 1524	1525 to 1599	1600 to 2000
	Grades 4–5	1000 to 1466	1467 to 1524	1525 to 1599	1600 to 2000
	Grades 6–8	1000 to 1459	1460 to 1524	1525 to 1599	1600 to 2000
	Grades 9–12	1000 to 1484	1485 to 1524	1525 to 1599	1600 to 2000

Scaling

Scaling is a statistical procedure that places raw scores on a common scoring metric in order to make test scores easier to interpret and compare across test administrations. As with many of the other programs in the Texas assessment program, the TELPAS reading, listening, and speaking tests for grades 2–12 use the Rasch partial-credit model (RPCM) to place test items for a given TELPAS assessment on the same scale across administrations. Once performance standards have been set for an assessment, its Rasch scale is then transformed to a more user-friendly metric to facilitate interpretation of the test scores. Details of the RPCM scaling method used in Texas are provided in chapter 3, "Standard Technical Processes."

Reporting Scales

Scale scores for TELPAS assessments are reported on a horizontal scale. Horizontal scale scores allow for direct comparisons of student performance between specific sets of test items from different test administrations for a specific grade and subject. Refer to chapter 3, "Standard Technical Processes," for detailed information about the scaling process for the different types of reporting scales.

HORIZONTAL REPORTING SCALES

Starting in 2018, scale scores are reported on horizontal scales for TELPAS. Prior to the TELPAS reading redesign in 2018, TELPAS reading was reported on a vertical scale.

The reporting scale for each assessment for the three domains (reading, listening, and speaking) are independent horizontal scales with lowest obtainable scale scores of 1000 and highest obtainable scale scores of 2000. The cut scores on the reporting scale for the Advanced and Advanced High proficiency levels are 1525 and 1600, respectively, to create common points of reference across the assessments for each grade and domain. It is important to note that although the Advanced High and Advanced scale score values are fixed across horizontally scaled assessments, the Intermediate scale score values vary across TELPAS. For a given assessment, the Intermediate, Advanced, and Advanced High scale score values remain constant over time.

The TELPAS scale scores represent linear transformations of Rasch proficiency level estimates (θ). Specifically, the transformation is made by first multiplying θ by a slope constant (A) and then adding an intercept constant (B). This operation is described by equation 1 below:

$$SS_\theta = A * \theta + B \qquad\qquad (1)$$

where SS_θ is the scale score for a Rasch proficiency level estimate (θ). A and B are referred to as the horizontal scaling constants. The values of A and B for the TELPAS assessments are provided in Table 6.5. Once established, these same transformations are applied each year to the proficiency level estimates for that year's set of test questions.

Table 6.5. Horizontal Scaling Constants for TELPAS Tests

	Grade Cluster	*A*	*B*
Reading	Grade 2	66.7438	1423.0422
	Grade 3	88.0488	1396.6160
	Grades 4–5	86.5951	1391.3838
	Grades 6–7	79.5756	1380.2599
	Grades 8–9	68.8452	1408.3486
	Grades 10–12	64.4607	1389.4972
Listening	Grades 2–3	67.4946	1497.4015
	Grades 4–5	64.5661	1482.9804
	Grades 6–8	67.6285	1486.0798
	Grades 9–12	53.7172	1497.3517
Speaking	Grades 2–3	35.0533	1511.4519
	Grades 4–5	24.6208	1522.0652
	Grades 6–8	19.5008	1530.4446
	Grades 9–12	21.0574	1545.1456

Further information about scaling appears in chapter 3, "Standard Technical Processes."

SCALE FOR HOLISTICALLY-RATED ASSESSMENTS

The scale for the TELPAS holistically-rated assessments (all domains for grades K–1, and for grades 2–12 writing) ranges from 1 to 4 and is defined by the four proficiency levels: beginning, intermediate, advanced, and advanced high.

SCALE FOR COMPREHENSION AND COMPOSITE SCORES

The TELPAS composite rating uses a scale from 1.0 to 4.0. More information about the calculation of the composite rating is available in the TELPAS Comprehension and Composite Scores section of this chapter.

Equating

Used in conjunction with the scaling process, equating is the statistical process that takes into account the slight differences in difficulty across test forms and administrations and allows the scores to be placed onto a common scale. TEA statistically equates the results of different tests, enabling the comparison of scale scores across test forms and testing administrations. Equating for the TELPAS reading assessment is done using the RPCM. In the 2016–2017 school year, equating activities for the TELPAS reading assessments included pre-equating and field-test equating. Refer to chapter 3, "Standard Technical Processes," for detailed information about equating.

Pre-Equating

The pre-equating process takes place prior to test administration. It links a newly developed test form onto the scale of the item bank through the use of a set of items that appeared previously on one or more test forms. This permits the difficulty level of the newly developed form to be closely determined even prior to its administration, and thus, the anticipated raw scores that correspond to scale scores at performance standards can be identified. Pre-equating was conducted for all spring 2018 TELPAS reading test forms during the test construction process.

Post-Equating

Post-equating is usually conducted for the online forms of TELPAS assessments after the test administration. The post-equating process uses data from the operational test administration to re-estimate item difficulties and place them onto the scale of the item bank. For the TELPAS reading assessments, post-equating uses conventional common-item/non-equivalent groups equating procedures as described in the technical details and procedures in chapter 3, "Standard Technical Processes." Post-equating was conducted on all spring 2018 reading test forms.

Field-Test Equating

To replenish the item bank as new tests are created each year, newly developed items must be field tested and equated to the item bank scale as described in the technical details and procedures in chapter 3, "Standard Technical Processes." Whenever possible, embedded designs are used to field test new items so that test takers will be unable to distinguish between field-test items and operational items on each test form. This results in student response data that are more stable. In the 2017–2018 school year, field-test equating was conducted for all online TELPAS assessments through an embedded field-test design.

Equating of the TELPAS holistically-rated assessments is not necessary. The difficulty level of holistically-rated assessments is maintained through the use of consistent rating rubrics developed to define the proficiency levels. The training activities completed by raters before administering the assessment provide consistency in the way the rubrics are applied each year. The training maintains the difficulty of the assessment across administrations by calibrating the teachers to the assessment rubric every time they administer the holistically-rated portions of TELPAS.

Reliability

During the 2017–2018 school year, reliability estimates for the TELPAS scores were obtained mainly through analyses of internal consistency, classical standard error of measurement, conditional standard error of measurement, classification accuracy, and interrater reliability. Refer to chapter 3, "Standard Technical Processes," for detailed information about reliability.

Internal Consistency

The Kuder–Richardson Formula 20 (KR20) was used to calculate the reliability estimates for TELPAS reading scores. For the TELPAS listening and speaking scores, an extension of KR20 for polytomous items, coefficient alpha is reported. As a general rule, reliability coefficients from 0.70 to 0.79 are considered adequate, those from 0.80 to 0.89 are considered good, and those greater than 0.90 are considered excellent. However, what is considered appropriate might vary depending on how assessment results are used. For the spring 2018 TELPAS assessments, internal consistency estimates for reading ranged from 0.84 to 0.88, listening from 0.76 to 0.83, and speaking from 0.86 to 0.91. This indicates that the reliability estimates were all in the adequate to excellent ranges in terms of appropriateness for student-level interpretations. In addition to the overall test reliability, Appendix D presents reliability estimates by reporting category and by gender as well.

Classical Standard Error of Measurement

Classical standard error of measurement (SEM) represents the amount of variance in a score that results from factors other than what the assessment is intended to measure. The SEM is helpful for quantifying the margin of uncertainty that occurs on every test. Refer to chapter 3, "Standard Technical Processes," for detailed information about SEM. The SEM values (shown in Appendix D) for TELPAS reading tests are between 2.3 and 2.6 raw score points across grade clusters. The range for TELPAS listening tests ranged from 2.0 to 2.1, and speaking from 1.6 to 1.7.

Conditional Standard Error of Measurement

The SEM index provides only an estimate of the average test score error for all students regardless of their individual levels of proficiency. By comparison, conditional standard error of measurement (CSEM) provides an estimate of test score error at each score point on a test. More specifically, CSEM is an estimate of the average test score measurement error that is conditional on the proficiency or scale score estimate. Appendix D provides CSEM values for all primary administrations of TELPAS.

Classification Accuracy

Classification accuracy provides an estimate of the accuracy of student classifications into performance categories based on current test results. Appendix D provides classification accuracy rates for each grade cluster of the TELPAS reading tests.

Interrater Reliability

Evidence that the holistically-rated components of TELPAS result in reliable observation and rating of student performance is collected through periodic interrater reliability studies. Evidence of interrater reliability is collected through the audit process by having a second rater provide independent ratings for a sample of students.

In 2015–2016, a writing audit was conducted for grades 2–12. For the audit, districts were required to submit writing collections for EL students selected for the sample. The

collections include writing from classroom instruction in a variety of core content areas. There were about 2,200 students selected for the 2016 writing audit spread across grade levels and proficiency levels. The Pearson Performance Scoring Center rescored the writing collections after the original scores were collected from the teachers. Rescoring was completed in September 2016. The results of this audit process add to the body of validity and reliability evidence collected to support the assessment system. This particular process enables the state to evaluate the classroom activities on which the assessments are based and the manner in which raters statewide interpret the PLD rubrics. The 2016 TELPAS Writing Audit Report is available on TEA's Student Assessment Division website. Information collected during TELPAS audits has been useful in the refinement of TELPAS holistic rating training and administration procedures. The next TELPAS writing audit is scheduled to take place in the summer of 2019.

In addition, the composite score reliability estimates of TELPAS are analyzed annually to evaluate the impact of the reliability of the reading, listening, speaking, and writing domains on the TELPAS composite reliability estimates. The composite score reliability estimates were calculated using a stratified alpha approach. The internal consistency of writing was constrained to the interrater reliability (perfect agreement) based on the last 2016 TELPAS writing audit. The internal consistency values of listening, speaking, and reading on the categorical scale were estimated based on their internal consistency values on the continuous scale. The results of these analyses are presented in Table 6.6 show that the weighted TELPAS composite ratings have reliability estimates of at least 0.901.

Table 6.6. Estimated Reliability of the TELPAS Composite Score

Grade	Subject	μ	σ	Internal consistency	Composite Reliability
Grade 2 (n =111297)	Listening	2.853	0.838	0.698	0.909
	Speaking	2.388	0.727	0.767	
	Writing	2.365	0.961	0.892	
	Reading	2.368	0.939	0.777	
Grade 3 (n =105557)	Listening	3.291	0.779	0.676	0.916
	Speaking	2.581	0.760	0.766	
	Writing	2.661	0.948	0.935	
	Reading	2.732	1.018	0.802	
Grade 4 (n =95835)	Listening	2.691	0.847	0.657	0.901
	Speaking	2.646	0.735	0.719	
	Writing	2.876	0.934	0.911	
	Reading	2.792	0.905	0.746	

Grade 5 (n =87092)	Listening	2.947	0.850	0.680	0.909
	Speaking	2.701	0.769	0.758	
	Writing	3.050	0.903	0.911	
	Reading	3.071	0.894	0.761	
Grade 6 (n =70101)	Listening	3.043	0.806	0.680	0.908
	Speaking	2.476	0.684	0.775	
	Writing	3.025	0.897	0.902	
	Reading	2.722	0.939	0.770	
Grade 7 (n =62602)	Listening	3.077	0.828	0.713	0.913
	Speaking	2.405	0.701	0.780	
	Writing	3.052	0.888	0.902	
	Reading	2.791	0.955	0.786	
Grade 8 (n =53520)	Listening	3.155	0.841	0.738	0.919
	Speaking	2.420	0.728	0.808	
	Writing	3.128	0.887	0.921	
	Reading	2.654	0.841	0.760	
Grade 9 (n =49036)	Listening	2.645	0.854	0.752	0.927
	Speaking	2.265	0.896	0.833	
	Writing	2.862	0.954	0.921	
	Reading	2.548	0.863	0.768	
Grade 10 (n =36843)	Listening	2.714	0.840	0.753	0.924
	Speaking	2.367	0.889	0.826	
	Writing	2.950	0.904	0.936	
	Reading	2.485	0.831	0.755	
Grade 11 (n =27667)	Listening	2.835	0.804	0.723	0.916
	Speaking	2.507	0.884	0.823	
	Writing	3.105	0.839	0.936	
	Reading	2.620	0.825	0.751	
Grade 12 (n =21050)	Listening	2.863	0.782	0.713	0.912
	Speaking	2.564	0.875	0.825	
	Writing	3.221	0.795	0.936	
	Reading	2.662	0.818	0.763	

For TELPAS speaking items, field-test items are examined for human-human and human-machine agreement. Evidence of interrater reliability is gathered by examining the perfect agreement rates and the Pearson correlations.

Validity

Validity refers to the extent a test measures what it is intended to measure. The results of the TELPAS assessments are used to guide instructional planning related to the progress that ELs make in acquiring English. Validity evidence for an assessment can come from a variety of sources, including test content, response processes, internal structure, relationships with other variables, and analysis of the consequences of testing.

The sections that follow describe how these types of validity evidence were collected for the TELPAS assessments in 2017–2018.

Evidence of the validity of the reading, writing, listening, and speaking domains of TELPAS has been continually collected since the first administration in 2003–2004. In addition to the studies described in this year's technical digest, a wide range of validity studies and analyses has been conducted and documented, either separately, or as part of the Technical Digests for previous years.

Evidence Based on Test Content

Validity evidence based on test content refers to evidence of the relationship between tested content and the construct the test is intended to measure. TELPAS measures student performance in direct alignment with the English language acquisition skills and PLDs defined by the Texas ELPS that are part of the TEKS curriculum. The ELPS outline the instruction that ELs must receive to support their ability to develop academic English language proficiency. TELPAS assesses the ELPS for listening, speaking, reading, and writing.

TELPAS ONLINE COMPONENT

Test Design and Alignment with Standards. The online TELPAS reading and listening and speaking tests for grades 2–12 are designed to assess English language proficiency in a manner that provides information about how well ELs understand and produce the English they need for academic success in Texas schools, as well as the types of language supports they require to independently comprehend written or spoken English.

The tests are built using four levels, or degrees, of built-in linguistic support, addressing the gradually reduced degree of linguistic accommodation that ELs need as they progress from knowing little or no English to becoming fluent in English. The levels of linguistic support are integrally related to the four proficiency levels assessed, as each proficiency level described in the ELPS is characterized by the degree of linguistic accommodation that students at that level need to understand and speak English.

Each passage and test question is written to reflect a particular proficiency level associated with a particular degree of linguistic accommodation. The test blueprints require a specified number of items per reporting category (reading skill category) or a specified number of points per reporting category (listening or speaking skill category).

Score reports inform teachers about how successfully students demonstrate the comprehension and analytical reading, listening, or speaking skills of the ELPS at the four proficiency levels. The content validity of the TELPAS online assessments are supported by this test design, in that it provides built-in, staged linguistic accommodations validated by second language acquisition theory and empirical data as it measures the ELPS-aligned skills that students need for academic success in all subject areas. The staged linguistic accommodation test design is shown in Table 6.7.

Table 6.7. Staged Linguistic Accommodation Test Design

TELPAS Levels	Degree of Linguistic Accommodation Applied to Stimulus and Item Development	
Advanced High	Minimal	Minimal linguistic accommodation; stimuli highly comparable to those intended for native English speakers
Advanced	Moderate	Occasional picture support; contextual aids and organizational features support comprehension of longer stimuli on both familiar and unfamiliar social and content-area topics
Intermediate	Substantial	Frequent picture support; short stimuli written primarily on familiar topics; commonly used, everyday English and routine academic English
Beginning	Extensive	Maximum picture support; short stimuli that require comprehension of words, phrases, and short sentences that use the type of high-frequency, concrete vocabulary first acquired by learners of a second language

The online TELPAS material requires students to comprehend the types of written or spoken English they encounter in everyday life as well as grade-level core content instruction. Most of the topics and contexts come from the content areas of language arts, mathematics, and science, although other subjects are eligible as well. Items that assess the higher reading and listening and speaking levels challenge students' ability to think critically and conceptually while reading, listening, or responding to complex English and academic content. The constructs measured are the ability to read, listen, or speak the English required for meaningful engagement in the learning of the state's grade-level academic content standards.

Test Development and Construction. Although their test designs differ, the quality assurance steps used to develop the online TELPAS assessments and the STAAR assessments are the same. This process adheres to the Standards for Educational and Psychological Testing (AERA/APA/NCME, 2014), is grounded in the state's standards, and is guided by assessment experts and educators who have first-hand knowledge of the standards and the students. As with STAAR, the online TELPAS test construction

process involves multiple reviews by both content and psychometric experts. The fact that the state follows the same thorough development processes for the STAAR and TELPAS tests—and includes the STAAR assessment and content-area experts throughout the development process—further supports the content validity of TELPAS and its link to the state's academic content standards.

TELPAS HOLISTICALLY-RATED COMPONENTS

Test Design and Alignment with Standards. Like the online tests, the TELPAS holistically-rated components are aligned with the ELPS and are designed to assess the English communication skills that ELs need in order to engage meaningfully and successfully in learning the academic knowledge and skills required by the state. The holistically-rated assessments draw upon second language acquisition research, research-based standards, the experience of Texas practitioners, and observational assessment practices.

The TELPAS holistically-rated components are based on ongoing observations of the ability of ELs to understand and use English during the grade-level core content area instruction that is required by the state-mandated curriculum and assessed on the state-mandated assessments. The TELPAS holistically-rated assessments measure the ELPS student expectations from the cross-curricular second language acquisition knowledge and skills and use the ELPS PLDs as assessment rubrics. Rater training and administration procedures require these ratings to be based on the ability of the students to use English in a variety of core content areas.

Evidence Based on Response Processes

An additional source of validity evidence is whether the way students respond to test questions on the TELPAS assessments supports the accurate measurement of the construct.

TELPAS ONLINE COMPONENT

Theoretical and empirical evidence was used to pilot test the online assessments and determine the appropriateness of each item type used on the assessments. A variety of question-and-answer, cloze (i.e., fill-in-the-blank), drag-and-drop functionality, click on it (i.e. click on the correct answer), picture based prompt, and open-ended style prompt response formats are used. The items are written and developed in alignment with the second language acquisition characteristics of students at each of the four proficiency levels assessed.

Validity evidence of the appropriateness of the item types and each item's conformity to the proficiency-level and item specifications is gathered annually through educator and expert review and through analyses of student responses to the items during field testing. Educators evaluate whether the content assessed by the item in its format is appropriate and whether students are able to accurately demonstrate the knowledge being assessed by the construct. When items are field tested, statistical data such as item difficulty for students at each proficiency level, item point-biserial correlations, and differential item functioning can be gathered and evaluated.

In 2010, TEA began using an enhanced online interface as part of the TELPAS administration. The new interface was designed to enhance the students' testing experience and provide improved testing conditions for students to demonstrate what they have learned. A usability study was conducted as part of the design process, and final decisions on the components of the new interface were made based on the results of this usability study.

TELPAS HOLISTICALLY-RATED COMPONENTS

The TELPAS holistically-rated components are assessed through a collection of students' writing samples, classroom observations, and daily interactions with the students. As is typical of holistically-scored assessments, students are evaluated on their overall performance in a global and direct way. The goal of English language proficiency assessments is to effectively assess the extent to which ELs are making progress in attaining academic language proficiency, so they can achieve their full academic potential. The TELPAS holistically-rated assessments are direct measures of the ability of students to understand and use English while engaging in state-required academic instruction, which provides strong validity evidence related to the response process.

Evidence Based on Internal Structure

Texas collects evidence that reflects the relationship between test item performance and proficiency levels in order to verify that patterns of item performance are consistent with the constructs the test is intended to measure.

TELPAS ONLINE COMPONENT

Internal structure is evaluated annually by estimating the internal consistency reliability for the TELPAS multiple-choice component. Internal consistency reliability estimates provide a measure of the consistency with which students respond to the items in an assessment. The internal consistency of the online TELPAS tests are evaluated each year using KR20 and coefficient alpha statistics that can be found in Appendix D.

For TELPAS speaking, an additional validity check is performed on the automated scoring of the responses. A random sample of approximately 5,000 students per grade band were selected for human scoring. The grade band Pearson correlations between the total raw scores on the human scored and automated scored samples are presented in Table 6.8.

Table 6.8. 2018 TELPAS Speaking Validity Correlations of Total Raw Scores

Grade	N	Interrater Correlation
Grades 2–3	5,031	0.80
Grades 4–5	5,092	0.80
Grades 6–8	5,027	0.84
Grades 9–12	5,059	0.88

TELPAS Holistically-Rated Components

Evidence of the validity of TELPAS is supported by comprehensive training and administration procedures that prepare teachers to perform their duties and prepare district administrators to follow procedures in order to maintain the integrity of the test administration. In addition to holistic rating training opportunities, raters must perform calibration activities to demonstrate high accuracy in rating student activities across all the TELPAS holistically-rated domains they will assess, whether it is only writing or all domains, depending on grade level and accommodations. Additional support is provided to raters who are unable to calibrate on their first two attempts in order to help them assess assigned students consistently with the PLDs. Refer to the Training section of this chapter for detailed information about this calibration process.

The TELPAS holistic rating audits provide both validity and reliability evidence based on internal structure for the holistically-rated components of the assessment by examining the extent to which raters follow the defined protocol for rating these TELPAS components. As part of the audit, reports of rater adherence to the assessment protocol are made and used to provide evidence that the internal structure of the assessment is intact and that teachers are administering the assessment and applying the scoring rubrics appropriately. Additional information can be found in the Audits section of this chapter.

The TELPAS holistically-rated assessments directly support the state's goal of having a valid and authentic assessment. These holistically-rated assessments also serve an ongoing and critical role as a professional development tool that supports effective instruction, enabling teachers to better understand and meet the educational needs of ELs.

Evidence Based on Relationships to Other Variables

Another way that Texas provides validity evidence for TELPAS is by analyzing the relationship between test performance and performance on external measures. By examining this relationship, evidence can be collected to show that the relationships are consistent with those expected at the level of the construct underlying the proposed score interpretations.

TELPAS Reading Proficiency Levels and STAAR Reading Performance Standards

To examine validity evidence based on external measures, TEA conducted an analysis of the relationship between 2017 TELPAS reading performance and 2017 STAAR reading (English-version tests only) or STAAR EOC English performance. Note that, in spring 2014, the redesigned EOC English assessments were administered for the first time. Scores from these assessments reflected both reading and writing performance, so it was not possible to examine EOC reading performance alone.

As indicated earlier in this chapter, TELPAS reading measures English language proficiency in reading, or, how well ELs are learning to understand written English and apply reading skills for meaningful engagement in content-area instruction. STAAR, on

the other hand, assumes that students already understand the English language and so it focuses on assessing the degree to which students can apply literary and analytical reading skills as required by the language arts TEKS for their grade level. Because of the differences in the designs and purposes of these two assessments, one would not expect ELs to perform at the same level of proficiency on the two assessments. One would, however, expect ELs who have comparatively little difficulty understanding and reading English to score higher on the STAAR reading tests when compared with ELs who are in earlier stages of English fluency.

To examine the relationship between performance on the two tests, average performance for STAAR grades 3–8 reading, English I, and English II was calculated separately for the students classified in each of the TELPAS reading English language proficiency levels (beginning, intermediate, advanced, or advanced high). For each grade level and TELPAS proficiency level breakout group, two types of performance data were examined:

- average STAAR scale scores

- STAAR passing rates (Approaches Grade Level Performance)

The STAAR 3–8 reading Meets Grade Level Performance levels (formerly referred to as Recommended Level II) were set in 2012, and Meets Grade Level Performance standards for the redesigned English I and II assessments were set in January 2014. Starting in 2017, the Approaches Grade Level Performance standards were adopted at the 2016 phased-in Level II standard. The STAAR passing rates provided are based on the 2017 Approaches Grade Level Performance standards. For more information about the standard progression approach of the STAAR standards, refer to the Standards section in chapter 4, "STAAR."

On the following page, data are presented for STAAR grades 3–8 and English I and II. The scale scores for STAAR grades 3–8 reading are on a vertical scale, and the scale scores for STAAR English I and II are on horizontal scales. Table 6.9 shows that within a grade level, the average STAAR scale score increases as a student's TELPAS proficiency level increases. In addition, the passing rate on STAAR increases as the TELPAS proficiency level increases within each grade level. State passing rates for all STAAR students can be found in the Test Results section of chapter 4, "STAAR."

Table 6.9. 2018 STAAR Grades 3–8 Reading*, English I, and English II Performance by TELPAS Reading Proficiency Level for Students Who Participated in Both Assessments

Grade/ Course	TELPAS Reading Proficiency Level	N	2018 Average STAAR Reading/English Scale Score**	STAAR Passing Rate, 2018 Approaches Grade Level Standard
3	Beginning	10413	1280	24%
	Intermediate	28276	1333	45%
	Advanced	22563	1406	78%
	Advanced High	26270	1506	97%
4	Beginning	3172	1337	14%
	Intermediate	14634	1381	27%
	Advanced	16184	1461	61%
	Advanced High	11725	1584	94%
5	Beginning	1857	1379	20%
	Intermediate	9283	1436	31%
	Advanced	14144	1497	59%
	Advanced High	16440	1605	92%
6	Beginning	4583	1377	3%
	Intermediate	14922	1429	13%
	Advanced	15563	1503	44%
	Advanced High	10987	1606	85%
7	Beginning	3924	1446	5%
	Intermediate	12348	1488	15%
	Advanced	13479	1553	43%
	Advanced High	11424	1652	82%
8	Beginning	2842	1450	4%
	Intermediate	17446	1508	16%
	Advanced	16526	1591	53%
	Advanced High	7775	1687	90%
English I (reading and writing)	Beginning	5196	3113	2%
	Intermediate	27051	3348	8%
	Advanced	19196	3640	33%
	Advanced High	6273	3988	77%
English II (reading and writing)	Beginning	4400	3113	3%
	Intermediate	22515	3344	8%
	Advanced	17419	3616	30%
	Advanced High	4507	3963	73%

*English versions only

**Scale scores necessary to meet each STAAR performance level:
- For grade 3, Approaches Grade Level Performance is 1345.
- For grade 4, Approaches Grade Level Performance is 1434.
- For grade 5, Approaches Grade Level Performance is 1470.
- For grade 6, Approaches Grade Level Performance is 1517.
- For grade 7, Approaches Grade Level Performance is 1567.
- For grade 8, Approaches Grade Level Performance is 1587.
- For English I, Approaches Grade Level Performance is 3775.
- For English II, Approaches Grade Level Performance is 3775.

TELPAS WRITING PROFICIENCY LEVELS AND STAAR WRITING PERFORMANCE STANDARDS

TELPAS performance was also compared to STAAR writing performance by looking at average STAAR grades 4 and 7 English writing and STAAR English I and English II scale scores and passing rates for each of the four TELPAS writing proficiency levels. Table 6.10 shows that within a grade level, the average STAAR scale score increases as a student's TELPAS writing proficiency level increases. In addition, the passing rate on STAAR tends to increase as a student's TELPAS proficiency level increases within a grade level.

Table 6.10. 2018 STAAR Grades 4 and 7 Writing*, English I, and English II Performance by TELPAS Writing Proficiency Rating for Students Who Participated in Both Assessments

Grade/ Course	TELPAS Writing Proficiency Level	N	2018 Average STAAR Writing/English Scale Score**	STAAR Passing Rate, 2018 Approaches Grade Level Standard
4	Beginning	3758	3068	21%
	Intermediate	11926	3312	31%
	Advanced	15903	3599	53%
	Advanced High	13052	3927	78%
7	Beginning	2240	2689	1%
	Intermediate	8597	3049	10%
	Advanced	15395	3340	29%
	Advanced High	14352	3599	53%
English I (reading and writing)	Beginning	3788	3075	1%
	Intermediate	14945	3332	10%
	Advanced	22001	3534	24%
	Advanced High	16713	3682	39%
English II (reading and writing)	Beginning	2036	3003	1%
	Intermediate	12940	3213	5%
	Advanced	20790	3430	15%
	Advanced High	17609	3598	30%

*English version only
**Scale scores necessary to meet each STAAR performance level:
  • For grade 4 (English), Approaches Grade Level Performance is 3550.
  • For grade 7, Approaches Grade Level Performance is 3550.
  • For English I, Approaches Grade Level Performance is 3775.
  • For English II, Approaches Grade Level Performance is 3775.

In summary, the positive empirical relationship between TELPAS reading proficiency levels and success rates on grade-level STAAR 3–8 reading and EOC English assessments adds to the body of the TELPAS validity evidence, as does the positive empirical relationship between TELPAS writing proficiency levels and success rates on grade-level STAAR 4 and 7 writing and EOC English assessments.

Evidence Based on Consequences of Testing

Another source of validity evidence comes from documenting the intended and unintended consequences of administering an assessment. The effect an assessment has on the instructional environment after the assessment is given is referred to by some researchers as consequential validity (Kane, 1992; Messick, 1989; Shepard, 1997). The administration of the TELPAS holistically-rated assessments leads to improvements in students' academic language acquisition resulting from what educators learn during the rater training process and through direct application of the assessment process for both formative and summative purposes. Logical consequences of administering TELPAS are that educators

- learn how developing academic language proficiency in English relates to and supports academic achievement in English;

- learn how to adjust content instruction for ELs to make it more comprehensible and how to target steady progress in English acquisition; and

- practice observing student behaviors in the instructional environment for the purpose of making better instructional decisions about students.

Evidence of consequential validity can be found by comparing performance from past administrations. These results can be found in the TELPAS Consequential Validity Report on the TEA's Student Assessment Division website. These results show incremental increases in EL performance in all TELPAS domains from spring 2005 to spring 2017. These increases in student performance provide additional evidence of the consequential validity of TELPAS. The percentage of students at higher TELPAS proficiency levels decreased in 2014 for the reading domain in grades 2–12 because the new reading performance standards were first applied in spring 2014. The percentage of students at given proficiency levels for reading, listening, and speaking cannot be directly compared from 2017 to 2018, because of the change in the blueprint and new standards for TELPAS Reading and the complete redesign of TELPAS Listening and Speaking. Over time, the percent of students across all of the proficiency levels are expected to remain stable, as they have in recent years. If the distribution of student proficiency levels follows historical trends, however, there may be a gradual decrease in the lower proficiency levels and a gradual increase in the higher proficiency levels.

Sampling

Sampling was not conducted for the TELPAS assessments during the 2017–2018 school year.

Test Results

Appendix D provides frequency distributions and summary statistics for the TELPAS online assessments administered in 2017–2018, based on scale scores as well as mean p-values and reliability estimates by grade level. The percentage of students in each of the TELPAS composite proficiency levels is provided in Table 6.11. The percentages are available by domain in the 2018 TELPAS Statewide Summary Reports on TEA's Student Assessment Division website.

Table 6.11. Percentages* of Students in Each of the TELPAS Composite Proficiency Levels in 2018

Grade	Composite Proficiency Levels			
	Beginning	Intermediate	Advanced	Advanced High
Kindergarten	43%	35%	15%	7%
Grade 1	18%	38%	27%	17%
Grade 2	4%	45%	42%	9%
Grade 3	2%	30%	48%	20%
Grade 4	3%	29%	50%	18%
Grade 5	2%	21%	49%	28%
Grade 6	2%	27%	53%	19%
Grade 7	2%	26%	52%	19%
Grade 8	2%	26%	53%	19%
Grade 9	6%	39%	43%	12%
Grade 10	4%	37%	46%	12%
Grade 11	2%	31%	50%	16%
Grade 12	2%	29%	52%	18%

*Percentages may not sum to 100 due to rounding.