



# Texas

Educator Certification  
Examination Program

## Texas Educator Certification Examination Program

### Technical Manual Supplement 2017-2018 Program Year Data

# Statistical Characteristics of Texas Educator Certification Program Exams

## Program Year 2017-2018

The purpose of this Technical Report Supplement is to provide statistical summaries of test taker performance on the Texas Educator Certification Examination Program from the 2017-2018 program year. The table in this supplement provides important scoring and statistical information for the examinations. Data from September 1, 2017 to August 31, 2018 are included in these analyses. Notes at the end of the table provide more detail about the data included.

The following variables are reported, with a brief description of each.

- **Number of Test Takers** – Represents the annual test taker volume for the 2017-18 program year. If a test taker took a test more than once within this period, only the first attempt was used in the calculation.
- **Average Reported Score** – Mean reported score of test takers who tested during the 2017-18 program year. If a test taker took a test more than once within this period, only the first attempt was used in the calculation.
- **Standard Deviation** – Standard deviation of the reported score of test takers who tested during the 2017-18 program year. If a test taker took a test more than once within this period, only the first attempt was used in the calculation.
- **Pass Rate** – Average passing rate of test takers who tested during the 2017-18 program year. If a test taker took a test more than once within this period, only the first attempt was used in the calculation.

Caution should be used when interpreting data with a low number of candidates. 2017-18 program year data were not available to calculate reliability, standard error of measurement, or standard error of scoring. Information regarding these statistics for the prior 2016-17 program year can be reviewed in the most recent [Texas Educator Certification Examination Program Technical Manual](#).

### Statistical Summary Statistics for Total Scaled Scores

Test Code	Field Name	Number of Test Takers	Average Reported Score	Standard Deviation	Pass Rate
068	Principal	6387	246.00	15.00	66%
072 <sup>a</sup>	Texas Assessment of Sign Communication (TASC)	39	3.10	1.00	74%
073 <sup>a</sup>	Texas Assessment of Sign Communication—American Sign Language (ASC-ASL)	75	2.70	1.20	47%
085	Master Reading Teacher	49	256.80	14.10	86%
086 <sup>b</sup>	Master Technology Teacher EC-12	1	--	--	--
087 <sup>b</sup>	Master Mathematics Teacher EC-4	1	--	--	--
088	Master Mathematics Teacher 4-8	4	267.80	19.10	100%
089 <sup>b</sup>	Master Mathematics Teacher 8-12	1	--	--	--
113	English Language Arts and Reading/Social Studies 4-8	532	251.90	20.70	77%
114	Mathematics/Science 4-8	457	239.30	24.10	53%
115	Mathematics 4-8	2237	239.20	30.60	50%
116	Science 4-8	1375	235.90	24.60	45%
117	English Language Arts and Reading 4-8	2282	250.80	22.80	72%
118	Social Studies 4-8	1211	238.90	27.40	53%
129	Speech 7-12	442	246.60	22.60	62%
150	School Librarian	501	250.60	17.00	75%
151	Reading Specialist	368	272.70	12.10	99%
152	School Counselor	1556	259.60	14.20	91%
153	Educational Diagnostician	559	253.70	16.30	81%
154	English as a Second Language Supplemental (ESL)	16946	251.10	18.90	75%
157	Health EC-12	821	259.90	16.70	87%
158	Physical Education EC-12	3250	252.00	18.50	77%
160	Pedagogy and Professional Responsibilities EC-12	27760	259.20	18.00	86%
161	Special Education EC-12	7178	247.60	19.60	68%
162	Gifted and Talented Supplemental	520	257.70	13.60	91%
163	Special Education Supplemental	942	250.70	15.40	81%
164	Bilingual Education Supplemental	3040	246.50	17.70	67%
171	Technology Education 6-12	517	264.20	15.90	94%
177	Music EC-12	1280	249.40	17.60	77%

Test Code	Field Name	Number of Test Takers	Average Reported Score	Standard Deviation	Pass Rate
178	Art EC-12	1066	262.30	15.80	94%
180	Theatre EC-12	490	251.80	18.70	74%
181	Deaf and Hard-of-Hearing	96	253.10	20.00	81%
182	Visually Impaired	43	254.10	13.40	88%
183	Braille (Contracted Braille)	8	239.50	30.30	25%
184	American Sign Language (ASL)	65	251.40	25.90	66%
190	Bilingual Target Language Proficiency Test (BTLPT) – Spanish	3510	242.30	27.80	56%
195	Superintendent	529	254.00	11.70	88%
231	English Language Arts and Reading 7-12	3481	240.10	25.30	59%
232	Social Studies 7-12	3315	232.50	25.50	42%
233	History 7-12	1160	239.60	25.40	56%
235	Mathematics 7-12	2317	240.70	31.60	60%
236	Science 7-12	1790	238.70	27.10	53%
237	Physical Science 6-12	107	225.90	35.10	41%
238	Life Science 7-12	1123	236.10	29.00	48%
240	Chemistry 7-12	180	237.20	32.90	52%
241	Computer Science 8-12	558	216.40	34.80	27%
242	Technology Applications EC-12	633	235.30	24.20	44%
243	Physics/Mathematics 7-12	117	243.40	28.20	57%
256	Journalism 7-12	165	247.40	17.50	79%
270	Pedagogy and Professional Responsibilities for Trade and Industrial Education 6-12	280	252.40	18.30	80%
272	Agriculture, Food, and Natural Resources 6-12	439	258.70	15.80	88%
273	Health Science 6-12	319	252.80	18.80	78%
274	Math/Physical Science/Engineering 6-12	107	247.60	26.90	65%
275	Marketing 6-12	86	249.90	18.80	78%
276	Business and Finance 6-12	1106	233.80	20.30	43%
279	Dance 6-12	277	250.50	17.80	77%
283	Braille (UEB)	51	249.60	27.50	69%
610	Languages Other Than English (LOTE) - French	123	226.40	29.80	37%
611	Languages Other Than English (LOTE) - German	32	246.00	32.70	63%

Test Code	Field Name	Number of Test Takers	Average Reported Score	Standard Deviation	Pass Rate
612	Languages Other Than English (LOTE) - Latin	10	270.10	16.20	100%
613	Languages Other Than English (LOTE) - Spanish	1556	235.70	23.90	47%
801	Core Subjects EC-6 English Language Arts and Reading/Science of Teaching of Reading (ELAR/STR)	18289	244.10	39.20	74%
802	Core Subjects EC-6 Mathematics	18551	246.20	38.10	70%
803	Core Subjects EC-6 Social Studies	18791	241.80	31.90	64%
804	Core Subjects EC-6 Science	18475	242.00	32.00	64%
805	Core Subjects EC-6 Fine Arts, Health, and Physical Education	18189	244.10	42.50	79%
806	Core Subjects 4-8 English Language Arts and Reading	3408	241.20	29.80	59%
807	Core Subjects 4-8 Mathematics	3387	240.70	37.50	65%
808	Core Subjects 4-8 Social Studies	3366	240.50	35.00	65%
809	Core Subjects 4-8 Science	3396	241.30	33.30	62%

<sup>a</sup> Holistic scores on the TASC (072) and TASC-ASL (073) exams are reported to candidates on a scale of A to E with the passing score equal to a holistic score of C. Holistic scores on the TASC and TASC-ASL exams are reported on a scale of 1 to 5 with a passing score equal to a score of 3. The A to E score scale is converted to the 1 to 5 scale as follows: (A = 5, B = 4, C = 3, D = 2, E = 1).

<sup>b</sup> These tests were taken by too few test takers during the 2017-2018 program year to report average scores, standard deviations, or pass rates.

**Developed and Produced by**



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