

**CAEP Annual Report 2021
Measure 1**

1. Impact of P-12 learning and development (CAEP 4.1 Impact on P-12 Student Learning and Development)

Impact on P-12 Learning: Data used for this measure are provided to the EPP by the Texas Education Agency. More specifically these data are from the Center for Research, Evaluation, and Advancement of Teacher Education (CREATE) at the University of Houston. CREATE provides SFASU Performance Analysis for Colleges of Education (PACE) data annually. To facilitate consistent long-term assessment of institutional impact, and afford comparative analysis, CREATE has established a Proximal Zone of Professional Impact (PZPI) for CREATE institutions which includes SFASU. SFASU's Proximal Zone of Professional Impact is comprised of the university and all school districts and campuses within a 150- mile radius. While this Proximal Zone of Professional Impact does not convey the complete impact scenario of the university's teacher preparation programs, it does provide a common and consistent setting in which the university may measure program effects over time. From CREATE's perspective, the PZPI offers a useful frame of reference for SFA EPP to utilize in assessing teaching and learning trends over time in the geographic area within a 150-mile radius of SFA. Data utilized to examine impact of P-12 learning include a performance summary of student academic performance in the PZPI on State Assessments of Academic Readiness (STAAR) at the elementary, middle and high school levels. Analysis of these data reveals the following for each level:

**High School Student Academic Performance in the
Proximal Zone of Professional Impact for
Stephen F. Austin State University
STAAR Performance Summary**

Students in the PZPI scored no more than one percentage point below the state score for English I, II, Algebra I, Biology and US History for 2019. Despite being below the state score by no more than 1 point across all tested areas, scores from 2017 to 2019 were up from 1 to as many as 4 percentage points.

PZPI = Proximal Zone of Professional Impact (School districts within a 150-mile radius of Stephen F. Austin State University)

STAAR- State of Texas Assessments of Academic Readiness, which is the state's student testing program. The assessments are based on the Texas Essential Knowledge and Skills, which are the state curriculum standards.

English I

	2017	2018	2019
PZPI Avg.	62.7	66.4	66.6
State Avg.	64.2	67.9	68.0

English II

	2017	2018	2019
PZPI Avg.	64.7	68.0	67.2
State Avg.	66.3	69.7	68.6

Algebra I

	2017	2018	2019
PZPI Avg.	82.1	83.3	83.9
State Avg.	83.1	84.6	84.7

Biology

	2017	2018	2019
PZPI Avg.	85.9	87.0	87.7
State Avg.	86.7	87.8	88.5

US History

	2017	2018	2019
PZPI Avg.	91.1	91.7	92.3
State Avg.	91.6	92.3	92.7

Data Source: Center for Research, Evaluation, & Advancement of Teacher Education at the University of Houston and support by the Texas Education Agency (TEA)

1 Percent of assessments that meet or exceed the Phase-in I, Level II Satisfactory Standard aggregated by subject and grade for campuses designated by the state as highschools.2 Percent of assessments that meet or exceed the grade level standard aggregated by subject and grade for campuses designated by the state as high schools.

[Scroll down to view the Middle School data tables](#)

**Middle School Student Academic Performance in the
Proximal Zone of Professional Impact for
Stephen F. Austin State University**

STAAR Performance Summary

The percent of student assessments that meet or exceed the middle school standards in the PZPI increased from 2018 to 2019 for Mathematics, Science, and Social Studies. The range of this increase was from 1 - 4 percentage points. A four-point increase in Mathematics resulted in being at the state percent of student assessments that meet or exceed the middle school standards in the PZPI for 2018 and 2019. The percent of student assessments that meet or exceed the middle school standards in the PZPI for Reading, Writing, Science and Social Studies were from 1 to less than one percentage point below the state percent of student assessments that meet or exceed the middle school standards for these same testing areas.

PZPI = Proximal Zone of Professional Impact (School districts within a 150-mile radius of Stephen F. Austin State University)

STAAR- State of Texas Assessments of Academic Readiness, which is the state's student testing program. The assessments are based on the Texas Essential Knowledge and Skills, which are the state curriculum standards.

Reading

	2017	2018	2019
PZPI Avg.	75.4	76.7	76.0
State Avg.	76.2	77.4	76.6

Writing

	2017	2018	2019
PZPI Avg.	69.2	70.2	69.9
State Avg.	70.0	71.2	70.5

Mathematics

	2017	2018	2019
PZPI Avg.	76.9	80.2	81.0
State Avg.	77.2	80.7	81.3

Science

	2017	2018	2019
PZPI Avg.	75.8	76.9	80.4
State Avg.	76.4	77.1	81.0

Social Studies

	2017	2018	2019
PZPI Avg.	63.2	66.5	68.0
State Avg.	64.1	67.6	68.9

Data Source: Center for Research, Evaluation, & Advancement of Teacher Education at the University of Houston and support by the Texas Education Agency (TEA).

1 Percent of assessments that meet or exceed the Phase-in I, Level II Satisfactory Standard aggregated by subject and grade for campuses designated by the state as highschools.2 Percent of assessments that meet or exceed the grade level standard aggregated by subject and grade for campuses designated by the state as high schools.

**Elementary School Student Academic Performance in the
Proximal Zone of Professional Impact for
Stephen F. Austin State University
STAAR Performance Summary**

Students scored at or less than one percentage point below the state of Texas score for Reading, Writing, Math, and Science from 2018 to 2019. Scores increased by as any as 4 points from 2017 to 2019 for Reading, Writing, Mathematics and Science.

PZPI = Proximal Zone of Professional Impact (School districts within a 150-mile radius of Stephen F. Austin State University)

STAAR- State of Texas Assessments of Academic Readiness, which is the state's student testing program. The assessments are based on the Texas Essential Knowledge and Skills, which are the state curriculum standards.

Reading

	2017	2018	2019
PZPI Avg.	74.1	78.7	78.5
State Avg.	75.4	79.8	79.5

Writing

	2017	2018	2019
PZPI Avg.	64.4	68.1	65.7
State Avg.	65.1	70.0	66.8

Mathematics

	2017	2018	2019
PZPI Avg.	79.9	83.7	81.3
State Avg.	80.6	84.2	81.9

Science

	2017	2018	2019
PZPI Avg.	73.1	78.6	74.2
State Avg.	74.3	79.8	75.0

Data Source: Center for Research, Evaluation, & Advancement of Teacher Education at the University of Houston and support by the Texas Education Agency (TEA).

1 Percent of assessments that meet or exceed the Phase-in I, Level II Satisfactory Standard aggregated by subject and grade for campuses designated by the state as highschools.2 Percent of assessments that meet or exceed the grade level standard aggregated by subject and grade for campuses designated by the state as high schools.

Conclusion

From 2018-2019 68-75% of the EPPs new teachers were employed in this PZPI. The percentage of At-Risk students in the EPPs PZPI is well above the TX mean for At-Risk students. As a result, STAAR scores at or slightly below TX mean scores suggests SFA completers have a positive impact on K-12 learners.