

TEA Response to Impact of COVID-19 on T-STEM Outcomes-Based Measures

The [T-STEM Blueprint](#) and corresponding outcomes-based measures (OBM) are being phased in through the 2022-2023 academic year. All OBM which continue with the process of being phased in are indicated as such in the table below. All OBM which remain in phase in for the upcoming 2021-2022 Designation calculations are shaded in grey to indicate that TEA has not calculated this data to determine the Provisional or Designated status of the T-STEM. The T-STEM Blueprint is entering year 3 of the 5 year phase in process. As such, all T-STEM students in grades 9-11 were included in the 2021-2022 Designation calculations for T-STEM that have served students for 3 or more years.

Note: OBM will be used for determining designation status for T-STEM in the 2023-2024 academic year. All data provided by TEA for 2021-2022 Designation is for programmatic continuous improvement purposes only.

Access: Minimal impact is anticipated for the Access OMB due to COVID-19. With the disruption that occurred in March 2020, TEA anticipates fewer students recruited into the T-STEM program than otherwise. However, the proportion of student groups is likely to be less impacted.

- **TEA has not made changes to designation expectations for Provisional and Designated T-STEM.**

Attainment: Minimal impact is anticipated for Attainment OMB due to COVID-19. Areas of uncertainty include student persistence, the ability to earn college credits, and access to experiential learning opportunities through work-based learning (WBL) and career and technical education (CTE) courses. The flexibility in eligibility requirements for dual credit courses provided by the State has served to mitigate the negative impact on dual credit enrollment. In addition, TEA has incorporated Advanced Placement and OnRamps courses, along with dual credit, for OBM data indicators relating to college credits. The majority of Attainment OBM continue to be phased in through the next two years.

- **Due to OBM phase in, OBM data associated with the Attainment domain are not reported for Provisional and Designated T-STEM.**

Achievement: Significant impact is anticipated for the Achievement OBM due to COVID-19. All college readiness assessments (TSIA, STAAR End-of-Course, and SAT/ACT) have experienced significant disruption since March 2020. TEA has modified the TSIA reading, writing and mathematics OBM data indicators to include the opportunity for students to achieve college readiness through TSI exemption by successfully completing the first college level course in the subject area. The Algebra I OBM data indicator has not been calculated.

- **Due to OBM phase in and COVID-related disruptions, OBM data associated with the Achievement domain are not reported.**

Additional information regarding the reporting of data calculations for designation in the 2021-2022 academic year are presented below for the Access, Attainment and Achievement domains.

Access Outcomes-Based Measures				
Data Indicators	Data Sets Used for 2021-2022 Designation	COVID-19 Impact on 2021-2022 Designation	Provisional Campuses	Designated Campuses
T-STEM proportionate to or over-represents at-risk students	PEIMS Fall 2020/Collection 1	Possible impact on ability to recruit targeted students as campuses closed in spring 2020	OBM data reported.	OBM data reported.
T-STEM proportionate to or over-represents economically disadvantaged students	PEIMS Fall 2020/Collection 1	Possible impact on ability to recruit targeted students as campuses closed in spring 2020	Not taken into account for Provisional designation; Campus data reported for informational purposes.	OBM data reported.
T-STEM proportionate to or over-represents English learners	PEIMS Fall 2020/Collection 1	Possible impact on ability to recruit targeted students as campuses closed in spring 2020	Not taken into account for Provisional designation; Campus data reported for informational purposes.	Not taken into account for T-STEM designation; Campus data reported for informational purposes.
T-STEM proportionate to or over-represents students with disabilities	PEIMS Fall 2020/Collection 1	Possible impact on ability to recruit targeted students as campuses closed in spring 2020	Not taken into account for Provisional designation; Campus data reported for informational purposes.	Not taken into account for T-STEM designation; Campus data reported for informational purposes.

Attainment Outcomes-Based Measures				
Data Indicators	Data Sets Used for 2021-2022 Designation	COVID-19 Impact on 2021-2022 Designation	Provisional Campuses	Designated Campuses
Persistence of students through the T-STEM program	<i>Not calculated for 2021-2022 designation.</i>	Potential for limited impact if students opted not to re-enroll.	Not taken into account for Provisional designation; OBM data not reported.	Not applicable at this point of phase in; OBM data not reported.
Completing one college-level math or science course by end of 12th grade (any)	<i>Not calculated for 2021-2022 designation.</i>	OBM still in phase in; Potential for impact on dual credit enrollment; mitigation with flexibility in eligibility requirements and inclusion of AP and OnRamps.	Not applicable at this point of phase in; OBM data not reported.	Not applicable at this point of phase in; OBM data not reported.
Participating in a Work-Based Learning placement/course by graduation	<i>Not calculated for 2021-2022 designation.</i>	OBM still in phase in; Potential for impact in future years based on ability to engage in experiential learning opportunities.	Not applicable at this point of phase in; OBM data not reported.	Not applicable at this point of phase in; OBM data not reported.
Earning 15 college credits (any) by graduation	<i>Not calculated for 2021-2022 designation.</i>	OBM still in phase in; Potential for impact on dual credit enrollment; mitigation with flexibility in eligibility requirements and inclusion of AP and OnRamps.	Not applicable at this point of phase in; OBM data not reported.	Not applicable at this point of phase in; OBM data not reported.
Earning postsecondary degree and/or credential by high school graduation (Level 1, Level 2, Associate)	<i>Not calculated for 2021-2022 designation.</i>	OBM still in phase in; Potential for impact on dual credit enrollment; mitigation with flexibility in eligibility requirements.	Not taken into account for Provisional designation; OBM data not reported.	Not applicable at this point of phase in; OBM data not reported.
Earning industry certification by high school graduation	<i>Not calculated for 2021-2022 designation.</i>	OBM still in phase in; Potential for impact in future years based on ability to enroll in experiential CTE courses.	Not applicable at this point of phase in; OBM data not reported.	Not applicable at this point of phase in; OBM data not reported.
Graduating high school in 4 years (4-year cohort graduation rate)	<i>Not calculated for 2021-2022 designation.</i>	OBM still in phase in; No impact is anticipated.	Not taken into account for Provisional designation; OBM data not reported.	Not applicable at this point of phase in; OBM data not reported.

Achievement Outcomes-Based Measures				
Data Indicators	Data Sets Used for 2021-2022 Designation	COVID-19 Impact on 2021-2022 Designation	Provisional Campuses	Designated Campuses
TSI College Readiness Standards in Reading (by graduation)	<i>Not calculated for 2021-2022 designation.</i>	Significant Impact: TSIA disruption in spring, summer, & winter 2020; TEA mitigated impact with the inclusion of the first college level reading course.	Not applicable at this point of phase in; OBM data not reported.	Not applicable at this point of phase in; OBM data not reported.
TSI College Readiness Standards in writing (by graduation)	<i>Not calculated for 2021-2022 designation.</i>	Significant Impact: TSIA disruption in spring, summer, & winter 2020; TEA mitigated impact with the inclusion of the first college level writing course.	Not applicable at this point of phase in; OBM data not reported.	Not applicable at this point of phase in; OBM data not reported.
TSI College Readiness Standards in math (by graduation)	<i>Not calculated for 2021-2022 designation.</i>	Significant Impact: TSIA disruption in spring, summer, & winter 2020; TEA mitigated impact with the inclusion of the first college level math course.	Not applicable at this point of phase in; OBM data not reported.	Not applicable at this point of phase in; OBM data not reported.
Algebra I EOC assessment by the end of 9th grade	<i>Data set used is lagged: 9th graders in 2019-2020*</i> PEIMS Summer 2020/Submission 3 STAAR Data: 2020 (spring, summer, winter)* 2019 (spring, summer, winter) 2018 (spring, summer, winter)	Significant Impact: STAAR was not administered in spring or summer 2020.	Not taken into account for Provisional designation; OBM data not reported.	OBM data not reported.
College, Career and Military Readiness (CCMR) standards on SAT or ACT (by graduation)	<i>Not calculated for 2021-2022 designation.</i>	OBM still in phase in, therefore no impact on designation status. TEA anticipates significant impact for Classes of 2020 and 2021.	Not applicable at this point of phase in; OBM data not reported.	Not applicable at this point of phase in; OBM data not reported.

*Student cohort is based on enrollment in 1st-4th six weeks due to COVID.