

Perkins and CTE Update



ESSA Steering Committee

April 27, 2021

Perkins V Update

- ▶ US Department of Education
 - ▶ COVID-19 Global Pandemic
 - ▶ States Offered Opportunity to Revise State Determined Performance Levels (SDPLs)
 - ▶ “A State may revise its State determined performance levels (SDPLs) for one or more fiscal years under the Perkins V statute. Pursuant to section 113(b)(3)(A)(iii), if unanticipated circumstances arise in a State or changes occur related to the improvement in data or measurement approaches, the eligible agency, at the end of the program year, may revise its SDPLs.”

New Program Advisor for Perkins



Welcome Yolanda Anzora!

Arkansas' Perkins V Performance Measures

- ▶ 1S1 - Four-Year Adjusted Cohort Graduation Rate
Calculated using the same methodology as utilized for the Arkansas ESSA School Index
- ▶ 1S2 - Five-Year Adjusted Cohort Graduation Rate
Calculated using the same methodology as utilized for the Arkansas ESSA School Index

- ▶ 2S1 - Academic Performance in Reading Language Arts
- ▶ 2S2 - Academic Performance in Mathematics
- ▶ 2S3 - Academic Performance in Science

- ▶ 3S1 - Postsecondary Placement

- ▶ 4S1 - Non-Traditional Program Enrollment

- ▶ 5S1 - Program Quality - Attained Recognized Postsecondary Credential

1S1 and 1S2 – Adjusted Cohort Graduation Rates

*Arkansas' Division of Career and Technical Education is **not seeking a revision** to the annual targets for the four- and five- year adjusted cohort graduation rates.*

Rationale

Baselines were set at the 1st percentile value of the school distribution of graduation rates for CTE Concentrators. Baselines were set at the 1st percentile value to enable focused support for programs where CTE Participants were not seeing the relatively high graduation rates of most CTE Concentrators.

Early data suggest the graduation rates may experience some impact from COVID-19 disruptions to learning, particularly for students already struggling to be engaged in their secondary education. At the same time, the data regarding CTE Concentrators support the hypothesis that students who are CTE Concentrators are typically more engaged through graduation and thus impact on graduation rate may be limited.

2S1, 2S2, & 2S3 – Academic Proficiency: ELA, Math, Science

Arkansas' Division of Career and Technical Education *is seeking a revision* to the annual targets for Academic Proficiency: ELA, Math, Science.

Rationale

In Arkansas's approved Perkins V plan, academic performance measures were set at the 5th percentile value of the school distribution of academic proficiency scores. This was done to ensure that the schools who needed the most support were identified and supported.

Two revisions were considered that would approximate a 0.25 standard deviation impact on the academic proficiency scores.

1. Adjust the annual targets for 2021-2023 as if the baselines had been set at the 1st percentile in 2019 and allow for progress at 0.25 points each year, and
2. Set the 2021 target at 90 percent of the original proposed targets and allow for progress at the same rate of 0.25 points each year thereafter.

Either revision ensures the original rationale for identifying the schools who need the most support is maintained and a growth of 0.25 points is a sufficient and reasonable effect size growth for each subject area.

2S1, 2S2, 2S3 Revision Comparisons

Table 1 indicates the two annual target revisions considered for ELA, Math, and Science. The revisions provide similar targets to the 1st percentile for Math and Science and provide slightly lower than the 1st percentile for ELA.

Table 1. Comparison of Revisions for 1S1, 1S2, 1S3 Targets

Subject	Level	2019	2020	2021	2022	2023
ELA	5th %-tile	52.78	53.03	53.28	53.53	53.78
	1st %-tile	47.95	48.20	48.45	48.70	48.95
	90% of 5th %-tile			47.95	48.20	48.45
MATH	5th %-tile	46.45	46.70	46.95	47.20	47.45
	1st %-tile	41.77	42.02	42.27	42.52	42.77
	90% of 5th %-tile			42.26	42.51	42.76
SCI	5th %-tile	53.26	53.51	53.76	54.01	54.26
	1st %-tile	47.90	48.15	48.40	48.65	48.90
	90% of 5th %-tile			48.38	48.63	48.88

3S1 – Postsecondary Placement

Arkansas' Division of Career and Technical Education is **seeking a revision** to the annual targets for 3S1 - Postsecondary Placement.

Rationale

Unemployment rates and post-secondary enrollment in the fall of 2020 inform the need to consider revisions for the postsecondary placement performance measure.

Unemployment data for **youth 16-19 years of age** were retrieved from [Jobs Demographic Data - Arkansas](#). These data indicate the unemployment rate for these individuals has increased on a month to month basis since March 2020 (the beginning of the pandemic). For the span of months impacted by the COVID19 pandemic (April 2020 to December 2020), this age group witnessed an **average 7.0% increase in unemployment rate over the 2019 rate**.

3S1 – Postsecondary Placement Rationale (cont'd)

Table 2. Unemployment Rates for 16 - 19 Age Group Compared to 16+

	2019		2020		One-year Change for ages 16 to 19
	16+	16 to 19	16+	16 to 19	
January	3.7	9.9	3.5	8.9	-1.0
February	3.8	10.4	3.4	8.8	-1.6
March	3.7	10.3	3.6	10.2	-0.1
April	3.6	9.6	4.1	11.8	2.2
May	3.6	8.9	4.6	13.6	4.7
June	3.5	8.6	5.0	15.4	6.8
July	3.7	8.4	5.2	16.4	8.0
August	3.7	8.2	5.5	17.1	8.9
September	3.7	8.1	5.8	17.7	9.6
October	3.6	8.4	5.9	17.2	8.8
November	3.6	8.9	6.2	16.9	8.0
December	3.5	9.6	6.2	16.0	6.4

3S1 – Postsecondary Placement Rationale *(cont'd)*



Postsecondary enrollment for the fall of 2020 declined compared to the prior fall—an additional factor impacting the need to revise 3S1-Postsecondary Placement. In particular, *postsecondary institutions enrollment of first-time freshmen declined by an estimated 13% (4-year) and 21% (2-year) comparing fall 2020 enrollments to the prior year* ([Steinmetz, 2021](#)). These declines are estimated to persist through the fall of 2021 based on declines in Common Application submissions and FAFSA applications completed as of March 2021.

Arkansas fall 2020 enrollment numbers revealed variations in changes in overall enrollment at the institution-level with drops in overall enrollment for most institutions. The Arkansas Department of Higher Education reported 4.2% less students enrolled in 2020 compared to 2019. Community colleges' enrollment fell 9.9% when comparing fall 2020 to 2019 counts ([Walkenhorst, 2020](#)). These counts do not differentiate first-time freshman enrollment from overall enrollment.



3S1 – Postsecondary Placement Rationale *(cont'd)*

Given the available data, the 2020 postsecondary placement in employment and/or postsecondary enrollment may be lower than anticipated due to the unforeseen circumstances of the COVID19 pandemic. Accordingly, *the Division of Career and Technical Education is seeking a revision to the annual targets for 3S1 (Postsecondary Placement) as indicated in Table 3.*

Table 3. Proposed 3S1 Original and Revised Annual Targets

	Baseline	2020	2021	2022	2023
Original	85.30	85.30	85.80	86.30	86.80
Proposed Revised Target	85.30	75.75	75.75	76.25	76.75

The 2020 and 2021 targets were set the same because the COVID19 pandemic is still occurring. The 0.50 annual increase would be effective in 2022 and 2023.

4S1 - Non-Traditional Program Enrollment

*Arkansas' Division of Career and Technical Education **is not seeking a revision** to the annual targets for non-traditional program enrollment.*

Rationale

Current enrollment of secondary students in courses in programs of study with a non-traditional gender approximate enrollment in prior years.

5S1 - Program Quality - Attained Recognized Postsecondary Certification

*Arkansas' Division of Career and Technical Education **is not seeking a revision to the annual targets for Program Quality - Attained Recognized Postsecondary Certification.***

Rationale

Enrollment of secondary students in courses leading to certifications approximates enrollment in prior years.

Questions?