



**COLORADO**  
Department of Education

# **Alternative Education Campus (AEC) Accountability Calculation Guidance**

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Accountability and Continuous Improvement Unit

201 E. Colfax Ave., Denver, CO 80203

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***This document build upon the CDE guidance and policy outlined in the Alternative Education Campus (AEC) Accountability Handbook to provide guidance on the measures and metrics used within the AEC School Performance Framework (SPF) report. It includes definitions and calculation formulas, which may be submitted as optional measures. The measurement details for the state-required measures for the AEC SPF are included here for reference.***

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## Measure Guidance

The AEC performance framework is built around a range of student outcome measures organized beneath four performance indicators: Academic Achievement, Academic Growth, Student Engagement, and Postsecondary & Workforce Readiness. For information about the traditional performance framework calculations, see the [District and School Performance Framework Calculation Guidebook](#).

The recommended optional measures included in this guidance are not an exhaustive list. AECs can review the [AEC SPF Flat File](#) for a description of existing measures that have been used on the AEC SPF. The [Optional Measure Cut Point Lookup Document](#) can be used to understand individual measure cut points. In the AEC Handbook, the section Optional Submission Requirements by Indicator describes measure requirements by AEC SPF performance indicator. For support or additional information about any of these measures, contact [accountability@cde.state.co.us](mailto:accountability@cde.state.co.us).

## Academic Achievement Indicator

### State Required Measures

CMAS Mean Scale Score - ELA/Math/Science	
<b>Measure Type</b>	Required by State
<b>Data Source</b>	CDE calculates and provides this data for schools on the AEC SPF. Measures are run separately by content area (i.e., English Language Arts (ELA), Math, Science).
<b>Definition</b>	<p>Mean scale score on given content area for all eligible students pooled across 3 years of data.</p> <ul style="list-style-type: none"> <li>Measure will be calculated by CDE for all schools with at least 16 eligible students. There must be at least 16 records for public reporting.</li> <li>Data from Dynamic Learning Maps (DLM), the Colorado Spanish Language Assessment (CSLA), and CoAlt Science will be combined with CMAS data where available. ELA data from DLM and CSLA data will be combined with CMAS ELA data. Math data from DLM will be combined with Math data from CMAS. CoAlt Science data will be combined with CMAS Science results.</li> </ul>

### CMAS Mean Scale Score - ELA/Math/Science

<b>Eligibility Criteria</b>	<p>State accountability policy establishes explicit criteria for which student records are to be included in the calculations used within the performance framework reports. At a high level, students are excluded from achievement calculations in cases when:</p> <ul style="list-style-type: none"> <li>• Student did not test or did not receive a scale score</li> <li>• Student enrolled after October 1 (i.e., not continuously enrolled within a school or district)</li> <li>• Student's test is considered invalid</li> <li>• Student is expelled (applicable for school performance framework calculations only)</li> <li>• Student's grade level information is not consistent with the directory</li> <li>• Student is enrolled in a detention facility</li> <li>• Student is identified as home-schooled</li> <li>• Student takes a test that was not intended for their grade level</li> <li>• Student's results are not associated with a valid school or district code</li> <li>• Student is considered exempt from testing</li> </ul>
<b>Cut Scores</b>	<p>Cut points were set using the 1st, 40th, 60th, and 90th percentile ranks among the AEC school distribution statewide. See the <a href="#">Annotated AEC Performance Framework</a>.</p>
<b>Norming Method</b>	<p>This measure is normed using the distribution of CMAS performance across AEC schools in the state of Colorado. ELA and Math norms are based on the 2016 AEC SPF, Science norms are based on the 2024 SPF.</p>

### PSAT Mean Scale Score - Reading & Writing/Math

<b>Measure Type</b>	Required by State
<b>Data Source</b>	CDE calculates and provides this data for schools on the AEC SPF. Measures are run separately by content area (i.e., Reading & Writing, Math).
<b>Definition</b>	<p>Mean scale score on a given content area for all eligible students pooled across 3 years of data for PSAT 9 and 10.</p> <ul style="list-style-type: none"> <li>• Measure will be calculated by CDE for all schools with at least 16 eligible students. There must be at least 16 records for public reporting.</li> <li>• Data from Dynamic Learning Maps (DLM) will be combined with PSAT 9 and PSAT 10 data where available. ELA data from DLM and will be combined with PSAT 9/10 EBRW data. Math data from DLM will be combined with Math data from PSAT 9/10.</li> </ul>

## PSAT Mean Scale Score - Reading & Writing/Math

<b>Eligibility Criteria</b>	<p>State accountability policy establishes explicit criteria for which student records are to be included in the calculations used within the performance framework reports. At a high level, students are excluded from achievement calculations in cases when:</p> <ul style="list-style-type: none"> <li>• Student did not test or did not receive a scale score</li> <li>• Student enrolled after October 1 (i.e., not continuously enrolled within a school or district)</li> <li>• Student's test is considered invalid</li> <li>• Student is expelled (applicable for school performance framework calculations only)</li> <li>• Student's grade level information is not consistent with the directory</li> <li>• Student is enrolled in a detention facility</li> <li>• Student is identified as home-schooled</li> <li>• Student takes a test that was not intended for their grade level</li> <li>• Student's results are not associated with a valid school or district code</li> <li>• Student is considered exempt from testing</li> </ul>
<b>Cut Scores</b>	<p>Cut points were set using the 1st, 40th, 60th, and 90th percentile ranks among the AEC school distribution statewide. See the <a href="#">Annotated AEC Performance Framework</a>.</p>
<b>Norming Method</b>	<p>This measure is normed using the distribution of PSAT performance across AEC schools in the state. Reading &amp; Writing and Math norms are based on the 2024 AEC SPF.</p>

## Recommended Optional Measures

Nationally or State Normed Local Assessment - Median Achievement Percentile Rank	
<b>Measure Type</b>	Optional – can be submitted by districts on behalf of schools.
<b>Data Source</b>	<p>Districts provide all school performance information in aggregate through the <a href="#">Alternative Education Campus Selection of Measures Collection</a> (see <a href="#">AEC SPF Flat File</a> for previously approved assessments). Measures should be submitted separately by content area.</p> <ul style="list-style-type: none"> <li>• If possible, reporting school/district should pool data for the most recent one to three years.</li> <li>• Reporting school/district should not report data unless there are at least 16 students eligible.</li> </ul>
<b>Definition</b>	<p>The median achievement percentile rank for students tested at a given AEC on the final administration of a nationally or state-normed local assessment of a given school year.</p>
<b>Eligibility Criteria</b>	<p>Students are eligible for inclusion in this measure if they meet the following criteria:</p> <ul style="list-style-type: none"> <li>• Student was enrolled in school at least 8 weeks prior to final administration of local assessment.</li> </ul>

Nationally or State Normed Local Assessment - Median Achievement Percentile Rank	
	<ul style="list-style-type: none"> <li>Student has a valid test score in the given content area.</li> </ul>
Cut Scores	<p>If an approved assessment doesn't have a predefined set of nationally or state-normed rubric cuts, CDE generally defaults to the following:</p> <ul style="list-style-type: none"> <li><b>Does not meet AEC norms:</b> Below the 40th percentile</li> <li><b>Approaching AEC norms:</b> 40th - 60th percentile</li> <li><b>Meets AEC norms:</b> 60th - 90th percentile</li> <li><b>Exceeds AEC norms:</b> At/above 90th percentile</li> </ul> <p>See the <a href="#">Optional Measure Cut Point Lookup Document</a> for examples.</p>
Previously Approved Assessments	<p>NWEA MAP STAR Enterprise</p>

Achievement on WorkKeys by Content Area	
Measure Type	Optional – can be submitted by districts on behalf of schools.
Data Source	<p>Districts provide all school performance information in aggregate through the <a href="#">Alternative Education Campus Selection of Measures Collection</a> (see <a href="#">AEC SPF Flat File</a> for previously approved measures).</p> <ul style="list-style-type: none"> <li>If possible, reporting school/district should pool data for the most recent one to three years.</li> <li>Reporting school/district should not report data unless there are at least 16 students eligible.</li> </ul>
Definition	<p>The percentage of students who met a score of Bronze or higher (Level 3) on the ACT WorkKeys assessment per content area, either English Language Arts, Math, and Writing, established benchmarks on an approved workforce readiness assessment identifying them as ready to enter the labor market.</p>
Eligibility Criteria	<p>Students are eligible for inclusion in this measure if they meet the following criteria:</p> <ul style="list-style-type: none"> <li>Student has a valid test score on the WorkKeys, an approved workforce readiness assessment, in the given content area.</li> <li>Schools cannot use this measure as a PWR measure if they are also using WorkKeys under the Achievement indicator.</li> </ul>
Calculation	<p>WorkKeys by Content Area Rate =</p> <p><b>Total Eligible Students who received at least a Bronze or higher (Level 3) on the WorkKeys assessment per content area (i.e., ELA, Math, Writing)</b></p> <p><u>divided by</u></p> <p><b>Total Eligible Students who took the WorkKeys assessment</b></p>
Cut Scores	<ul style="list-style-type: none"> <li><b>Does not meet AEC norms:</b> Below 40%</li> <li><b>Approaching AEC norms:</b> 40% - 60%</li> </ul>

Achievement on WorkKeys by Content Area	
	<ul style="list-style-type: none"><li>• <b>Meets AEC norms:</b> 60% - 90%</li><li>• <b>Exceeds AEC norms:</b> At/above 90%</li></ul> See the <a href="#">Optional Measure Cut Point Lookup Document</a> .
Previously Approved Assessments	<ul style="list-style-type: none"><li>• ACT WorkKeys</li></ul>



## Academic Growth Indicator

### State Required Measures

State Calculated Median Growth Percentile - ELA/Reading & Writing, Math	
<b>Measure Type</b>	Required by State
<b>Data Source</b>	CDE calculates and provides this data for schools on the AEC SPF. Measures are run separately by content area (i.e., ELA / Reading & Writing, Math). CMAS growth is calculated for grades 4-8. PSAT/SAT growth is calculated for grades 9-11 for Math and 10-11 for Reading & Writing.
<b>Definition</b>	<p>Median Growth Percentiles on given content area for all eligible students pooled across 3 years of data.</p> <ul style="list-style-type: none"> <li>Measure will be calculated by CDE for all schools with at least 20 eligible students. Schools with less than 20 eligible students are exempt from this measure.</li> </ul>
<b>Eligibility Criteria</b>	<p>State accountability policy establishes explicit criteria for which student records are to be included in the calculations used within the performance framework reports. At a high level, students are excluded from growth calculations in cases when a:</p> <ul style="list-style-type: none"> <li>Student did not receive a student growth percentile (i.e., no valid assessment outcome for at least two consecutive years)</li> <li>Student enrolled after October 1 (i.e., not continuously enrolled within a school or district)</li> <li>Student's test is considered invalid</li> <li>Student is expelled (applicable for school performance framework calculations only)</li> <li>Student's grade level information is not consistent with the directory</li> <li>Student is enrolled in a detention facility</li> <li>Student is identified as home-schooled</li> <li>Student takes a test that was not intended for their grade level</li> <li>Student's results are not associated with a valid school or district code</li> </ul>
<b>Cut Scores</b>	Median Growth Percentile measures use the 35/50/65 cuts. See the <a href="#">Annotated AEC Performance Framework</a> .
<b>Norming Method</b>	This measure is normed using the distribution of CMAS and P/SAT performance across both the traditional and AEC SPFs as per the Colorado Growth Model. ELA / Reading & Writing and Math norms are based on the 2018 AEC SPF.

## Recommended Optional Measures

WIDA ACCESS Median Growth Percentile	
<b>Measure Type</b>	Optional – can be submitted by districts on behalf of schools.
<b>Data Source</b>	CDE calculates and provides this data, <a href="#">upon request</a> , for schools on the AEC SPF. Measure reflects ACCESS Overall/Composite score. Schools and districts must request the use of this data during the New Measure Application.
<b>Definition</b>	<p>Median Growth Percentiles on given content area for all eligible students pooled across 3 years of data.</p> <ul style="list-style-type: none"> <li>Measure will be calculated by CDE for all schools with at least 20 eligible students. Schools with less than 20 eligible students are exempt from this measure.</li> </ul>
<b>Eligibility Criteria</b>	<p>State accountability policy establishes explicit criteria for which student records are to be included in the calculations used within the performance framework reports. At a high level, students are excluded from growth calculations in cases when a:</p> <ul style="list-style-type: none"> <li>Student did not receive a student growth percentile (i.e., no valid assessment outcome for at least two consecutive years)</li> <li>Student enrolled after October 1 (i.e., not continuously enrolled within a school or district)</li> <li>Student's test is considered invalid</li> <li>Student is expelled (applicable for school performance framework calculations only)</li> <li>Student's grade level information is not consistent with the directory</li> <li>Student is enrolled in a detention facility</li> <li>Student is identified as home-schooled</li> <li>Student takes a test that was not intended for their grade level</li> <li>Student's results are not associated with a valid school or district code</li> <li>Student has a language proficiency designation other than NEP or LEP at the time of testing (applicable for WIDA ACCESS growth calculations only)</li> </ul>
<b>Cut Scores</b>	See the <a href="#">Optional Measure Cut Point Lookup Document</a>
<b>Norming Method</b>	Median Growth Percentile measures use the 35/50/65 cuts across both the traditional and AEC SPFs as per the Colorado Growth Model. Growth norms are based on the 2018 AEC SPF.

Nationally or State Normed Local Assessment - Median Growth Percentile Rank	
<b>Measure Type</b>	Optional – can be submitted by districts on behalf of schools.

Nationally or State Normed Local Assessment - Median Growth Percentile Rank	
<b>Data Source</b>	<p>Districts provide all school performance information in aggregate through the <a href="#">Alternative Education Campus Selection of Measures Collection</a> (see <a href="#">AEC SPF Flat File</a> for previously approved assessments). Measures should be submitted separately by content area.</p> <ul style="list-style-type: none"> <li>• If possible, reporting school/district should pool data for the most recent one to three years.</li> <li>• Reporting school/district should not report data unless there are at least 20 students eligible.</li> </ul>
<b>Definition</b>	<p>The median vendor-provided conditional growth percentile for students tested at a given AEC of a nationally or state-normed local assessment.</p>
<b>Eligibility Criteria</b>	<p>Students are eligible for inclusion in this measure if they meet the following criteria:</p> <ul style="list-style-type: none"> <li>• Student was enrolled in school at least 8 weeks prior to final administration of local assessment.</li> <li>• Student has at least two test instances at the same school in the given content area in the same school year.</li> </ul>
<b>Cut Scores</b>	<p>In alignment with the state measures, CDE generally defaults growth percentiles to the following:</p> <ul style="list-style-type: none"> <li>• <b>Does not meet AEC norms:</b> Below the 35th percentile</li> <li>• <b>Approaching AEC norms:</b> 35th - 50th percentile</li> <li>• <b>Meets AEC norms:</b> 50th - 65th percentile</li> <li>• <b>Exceeds AEC norms:</b> At/above 65th percentile</li> </ul> <p>See the <a href="#">Optional Measure Cut Point Lookup Document</a> for examples.</p>
<b>Previously Approved Assessments</b>	<p>NWEA MAP STAR Enterprise</p>

## Student Engagement Indicator

### State Required Measures

Attendance Rate	
Measure Type	Required by State
Data Source	CDE calculates and provides this data for schools on the AEC SPF. <a href="#">Information about CDE's calculation of attendance and truancy.</a>
Definition	<p>The Attendance Rate is the total number of full or partial days attended out of the total possible days attended for the most recent three years. This measure is aggregated across all students within a school.</p> <ul style="list-style-type: none"> <li>Residential and facility schools are exempt from this measure.</li> <li>This measure pools Attendance rates across the most recently available three years of data. <ul style="list-style-type: none"> <li>CDE reintroduced attendance and truancy measures in 2024 for points. For 2025, attendance and truancy will include both 2024 and 2025 data, with the anticipation of having the full 3-year data set incorporated in AEC SPFs by 2026.</li> </ul> </li> </ul>
Eligibility Criteria	All students are eligible for this measure. This calculation uses an aggregated rate calculated at the student level, reported to CDE by districts.
Calculation	<p>Attendance Rate =</p> <p><b>Total Days* Attended</b></p> <p><u>divided by</u></p> <p><b>Total Possible Attendance Days** for each student</b></p> <p>*Total days: the total number of days (full and partial) that each student was enrolled in the current school year.</p> <p>**Expelled students are included until date of expulsion. Both Excused and Unexcused absences are included in this count.</p>
Cut Scores	Cut points were set using the 1st, 40th, 60th, and 90th percentile ranks among the AEC school distribution statewide. See the <a href="#">Annotated AEC Performance Framework</a> .
Norming Method	This measure was normed using the distribution of Attendance Rate across AEC schools in the state of Colorado on the 2024 AEC SPF. The cuts represent a renorming of previous cuts, which was conducted due to a change in the collection process.

Truancy Rate	
Measure Type	Required by State

Truancy Rate	
Data Source	CDE calculates and provides this data for schools on the AEC SPF. <a href="#">Information about CDE's calculation of attendance and truancy.</a>
Definition	<p>The Truancy rate is the total number of full or partial days that students were absent without an excuse out of the total possible days attended for the most recent three years. If a student is absent without an excuse by the parent/guardian or if the student leaves school or a class without permission of the teacher or administrator in charge, it will be considered to be an unexcused absence and the student shall be considered truant. This measure is aggregated across all students within a school.</p> <ul style="list-style-type: none"> <li>Residential and facility schools are exempt from this measure.</li> <li>This measure pools Truancy rates across the most recently available three years of data. <ul style="list-style-type: none"> <li>CDE reintroduced attendance and truancy measures in 2024 for points. For 2025, attendance and truancy will include both 2024 and 2025 data, with the anticipation of having the full 3-year data set incorporated in AEC SPFs by 2026.</li> </ul> </li> </ul>
Eligibility Criteria	All students are eligible for this measure. Truancy is defined as an unexcused absence. This calculation uses an aggregated rate calculated at the student level, reported to CDE by districts.
Calculation	<p>Truancy Rate =</p> <p><b>Total Student Days Unexcused Absences</b></p> <p><u>divided by</u></p> <p><b>Total Student Days Possible*</b></p> <p>*Total days: the total number of days (full and partial) that each student was enrolled in the current school year.</p>
Cut Scores	Cut points were set using the 1st, 40th, 60th, and 90th percentile ranks among the AEC school distribution statewide. See the <a href="#">Annotated AEC Performance Framework</a> .
Norming Method	This measure was normed using the distribution of Truancy Rate across AEC schools in the state of Colorado on the 2024 AEC SPF. The cuts represent a renorming of previous cuts, which was conducted due to a change in the collection process.

## Recommended Optional Measures

Student Re-Engagement Rate	
Measure Type	Optional – can be submitted by districts on behalf of schools.

Student Re-Engagement Rate	
Data Source	<p>Districts provide all school performance information in aggregate through the <a href="#">Alternative Education Campus Selection of Measures Collection</a> (see <a href="#">AEC SPF Flat File</a> for previously approved measures). Measures should be submitted separately by content area.</p> <ul style="list-style-type: none"> <li>• If possible, reporting school/district should pool data for the most recent three years.</li> <li>• Reporting school/district should not report data unless there are at least 16 students eligible.</li> </ul>
Definition	<p>The percentage of recovered dropouts who remained enrolled in the school through the entire year.</p> <ul style="list-style-type: none"> <li>• Recovered Dropout: a student who enrolled at a given AEC after having dropped out of any public school in any prior year (exit code of 40 from prior school or entry code of 40 into current AEC).</li> <li>• <i>NOTE: this measure is not appropriate for AECs which are transition centers.</i></li> </ul>
Eligibility Criteria	<p>Students are eligible for inclusion in this measure if they meet the following criteria:</p> <ul style="list-style-type: none"> <li>• Student has a prior history as a dropout (exit code of 40 from prior school or entry code of 40 into current AEC)</li> <li>• Student completes the school year at the current AEC</li> </ul>
Calculation	<p>Student Re-Engagement Rate =</p> <p><b>Total Students Enrolled as Recovered Dropouts in a School Year</b> (i.e., students who remained enrolled until the end of the school year <u>OR</u> who received a diploma, certificate, or GED from the school in the most recent school year)</p> <p><u>divided by</u></p> <p><b>Total Students Enrolled in a School Year*</b></p> <p><u>Exempt from the measure:</u> Students enrolled in the school who have no history as a dropout are exempt from the measure.</p> <p>*Includes recovered dropouts who dropped out again before the end of the school year or those recovered dropouts who transferred out of the AEC into another school before the end of the school year.</p>
Cut Scores	<ul style="list-style-type: none"> <li>• <b>Does not meet AEC norms:</b> Below 40%</li> <li>• <b>Approaching AEC norms:</b> 40% - 60%</li> <li>• <b>Meets AEC norms:</b> 60% - 90%</li> <li>• <b>Exceeds AEC norms:</b> At/above 90%</li> </ul> <p>See the <a href="#">Optional Measure Cut Point Lookup Document</a>.</p>

Returning Student Rate	
Measure Type	Optional – can be submitted by districts on behalf of schools.
Data Source	<p>Districts provide all school performance information in aggregate through the <a href="#">Alternative Education Campus Selection of Measures Collection</a> (see <a href="#">AEC SPF Flat File</a> for previously approved measures). Measures should be submitted separately by content area.</p> <ul style="list-style-type: none"> <li>• If possible, reporting school/district should pool data for the most recent three years.</li> <li>• Reporting school/district should not report data unless there are at least 16 students eligible.</li> </ul>
Definition	<p>Of students who completed the prior year at this school and were eligible to return, the percent who re-enrolled and attended this school for at least 8 weeks during the current year.</p> <ul style="list-style-type: none"> <li>• <i>NOTE: this measure is not appropriate for AECs which are transition centers.</i></li> </ul>
Eligibility Criteria	<p>Students are considered eligible for inclusion in this measure if they meet the following criteria:</p> <ul style="list-style-type: none"> <li>• Completed the previous school year at this school.</li> <li>• Did not fall into any of the exempt categories listed below.</li> </ul>
Calculation	<p>Student Re-Engagement Rate =  <b>Total Returned Students</b> (i.e., students who, after completing the previous year at a given school, re-enrolls at that school and attends that school for at least 8 weeks in the current school year)  <u>divided by</u>  <b>All Eligible Students who Could Return</b>, includes non-returning students such as:</p> <ul style="list-style-type: none"> <li>• Students who dropout over the summer</li> <li>• Students who complete the previous year at the school but who transfer to another school over the summer or within 8 weeks at the start of the current school year.</li> <li>• Students who were expelled.</li> </ul> <p><u>Exempt from the measure:</u> Students who graduated or completed at the end of the previous school year, students who passed away, non-retained students who completed the highest grade served by the school in the previous year.</p>
Cut Scores	<ul style="list-style-type: none"> <li>• <b>Does not meet AEC norms:</b> Below 40%</li> <li>• <b>Approaching AEC norms:</b> 40% - 60%</li> <li>• <b>Meets AEC norms:</b> 60% - 90%</li> <li>• <b>Exceeds AEC norms:</b> At/above 90%</li> </ul> <p>See the <a href="#">Optional Measure Cut Point Lookup Document</a>.</p>

Student Discipline Rate	
Measure Type	Optional – can be submitted by districts on behalf of schools.
Data Source	<p>Districts provide all school performance information in aggregate through the <a href="#">Alternative Education Campus Selection of Measures Collection</a> (see <a href="#">AEC SPF Flat File</a> for previously approved measures). Measures should be submitted separately by content area.</p> <ul style="list-style-type: none"> <li>• If possible, reporting school/district should pool data for the most recent three years.</li> <li>• Reporting school/district should not report data unless there are at least 16 students eligible.</li> </ul>
Definition	The percentage of students with a behavior incident in the highest resolution categories described by the school's discipline policy (typically out of school suspensions, in school suspensions, or expulsions). This is a unique count of students with a behavior incident, not a unique count of behavior incidents.
Eligibility Criteria	<p>Either this measure has fixed cut points; useful for AECs where the discipline policy is notably different from the residing district's discipline policy, and therefore comparisons are difficult to make and potentially hard to interpret.</p> <p><i>OR</i></p> <p>The comparison point for this measure is the school's residing district; as such, schools are only eligible for this measure if their discipline policy is comparable to the residing district(s).*</p>
Calculation	<p>Student Discipline Rate =</p> <p><b>Total Students with a Behavior Incident of Relevance</b></p> <p><u>divided by</u></p> <p><b>Total Students Enrolled in a Given Year</b></p>
Cut Scores	<ul style="list-style-type: none"> <li>• <b>Does not meet AEC norms:</b> Above 7%</li> <li>• <b>Approaching AEC norms:</b> 5% - 7%</li> <li>• <b>Meets AEC norms:</b> 3% - 5%</li> <li>• <b>Exceeds AEC norms:</b> At/Below 3%</li> </ul> <p>See the <a href="#">Optional Measure Cut Point Lookup Document</a></p> <p>*For this measure, the rubric cuts may be tailored by school to reference the residing district and reflect historical data. These rubric cuts are negotiated with CDE during the <a href="#">New Optional Measure Application</a>, and must use <a href="#">Student Discipline data collection</a> as a starting place. For schools which are fed by multiple districts, such as schools in BOCES or schools authorized by the Charter School Institute, rubric cuts may be determined by a weighted aggregate of the rates for districts where the student body resides.</p>



Socio-Emotional or Psychological Adjustment Measure (Excludes Panorama, see <a href="#">Panorama Survey</a> )	
Measure Type	Optional – can be submitted by districts on behalf of schools.
Data Source	<p>Districts provide all school performance information in aggregate through the <a href="#">Alternative Education Campus Selection of Measures Collection</a> (see <a href="#">AEC SPF Flat File</a> for previously approved measures). Measures should be submitted separately by content area.</p> <ul style="list-style-type: none"> <li>• If possible, reporting school/district should pool data for the most recent three years.</li> <li>• Reporting school/district should not report data unless there are at least 16 students eligible.</li> </ul>
Definition	The percentage of students at a given AEC who demonstrate positive response or change on an instrument of socio-emotional or psychological adjustment.
Eligibility Criteria	<p>Students are eligible for inclusion in this measure if they meet the following criteria:</p> <ul style="list-style-type: none"> <li>• Student was enrolled in school at least 8 weeks prior to final administration of socio-emotional or psychological adjustment measure.</li> <li>• Student has one score or two scores (pre/post measure) on the socio-emotional or psychological adjustment measure at the same school.</li> </ul>
Calculation	$\frac{\% \text{ of Students with a Positive Response/Change= Total Items with a Neutral or Higher Response or Positive Change (as defined by the measurement scale)}}{\text{Total Items Taken}}$
Cut Scores	<ul style="list-style-type: none"> <li>• <b>Does not meet AEC norms:</b> Below 40%</li> <li>• <b>Approaching AEC norms:</b> 40% - 60%</li> <li>• <b>Meets AEC norms:</b> 60% - 90%</li> <li>• <b>Exceeds AEC norms:</b> At/above 90%</li> </ul> <p>See the <a href="#">Optional Measure Cut Point Lookup Document</a>.</p>
Previously Approved Surveys	<p>Adult Adolescent Parenting Inventory  Youth and Truth  District Specific Student Survey (e.g., Fountain-Fort Carson School District 8, Denver Public Schools)</p>

Panorama Survey	
Measure Type	Optional – can be submitted by districts on behalf of schools.
Data Source	<p>Districts provide all school performance information in aggregate through the <a href="#">Alternative Education Campus Selection of Measures Collection</a> (see <a href="#">AEC SPF Flat File</a> for previously approved measures). Measures should be submitted separately by content area.</p> <ul style="list-style-type: none"> <li>• If possible, reporting school/district should pool data for the most recent three years.</li> <li>• Reporting school/district should not report data unless there are at least 16 students eligible.</li> </ul>
Definition	The percentage of students at a given AEC who demonstrate positive responses for the school culture and the sense of belonging domains.
Eligibility Criteria	<p>Students are eligible for inclusion in this measure if they meet the following criteria:</p> <ul style="list-style-type: none"> <li>• Student was enrolled in school at least 8 weeks prior to final administration of the Panorama survey.</li> <li>• Student has at least one score on the Panorama Survey at the same school.</li> </ul>
Calculation	<p>% of Items Responded to Positively =</p> <p><b>Total Count of Items with a Neutral or Higher Response in the School Culture and Sense of Belonging Domains</b></p> <p><u>divided by</u></p> <p><b>Total Items Responded to in the School Culture and Sense of Belonging Domains</b></p>
Cut Scores	<ul style="list-style-type: none"> <li>• <b>Does not meet AEC norms:</b> Below 40%</li> <li>• <b>Approaching AEC norms:</b> 40% - 60%</li> <li>• <b>Meets AEC norms:</b> 60% - 90%</li> <li>• <b>Exceeds AEC norms:</b> At/above 90%</li> </ul> <p>See the <a href="#">Optional Measure Cut Point Lookup Document</a>.</p>
Previously Approved Surveys	Panorama Survey

## Postsecondary & Workforce Readiness Indicator

### State Required Measures

SAT Mean Scale Score - Reading & Writing/Math	
Measure Type	Required by State
Data Source	CDE calculates and provides this data for schools on the AEC SPF. Measures are run separately by content area (i.e., Reading & Writing, Math).

## SAT Mean Scale Score - Reading & Writing/Math

<b>Definition</b>	<p>Mean scale score on a given content area for all eligible students pooled across 3 years of data for SAT 11.</p> <ul style="list-style-type: none"> <li>Measure will be calculated by CDE for all schools with at least 16 eligible students. There must be at least 16 records for public reporting.</li> <li>Data from Dynamic Learning Maps (DLM) will be combined with SAT 11 data where available.</li> </ul>
<b>Eligibility Criteria</b>	<p>State accountability policy establishes explicit criteria for which student records are to be included in the calculations used within the performance framework reports. At a high level, students are excluded from achievement calculations in cases when:</p> <ul style="list-style-type: none"> <li>Student did not test or did not receive a scale score</li> <li>Student enrolled after October 1 (i.e., not continuously enrolled within a school or district)</li> <li>Student's test is considered invalid</li> <li>Student is expelled (applicable for school performance framework calculations only)</li> <li>Student's grade level information is not consistent with the directory</li> <li>Student is enrolled in a detention facility</li> <li>Student is identified as home-schooled</li> <li>Student takes a test that was not intended for their grade level</li> <li>Student's results are not associated with a valid school or district code</li> <li>Student is considered exempt from testing</li> </ul>
<b>Cut Scores</b>	<p>Cut points were set using the 1st, 40th, 60th, and 90th percentile ranks among the AEC school distribution statewide. See the <a href="#">Annotated AEC Performance Framework</a>.</p>
<b>Norming Method</b>	<p>This measure is normed using the distribution of PSAT performance across AEC schools in the state of Colorado. Reading &amp; Writing and Math norms are based on the 2024 AEC SPF.</p>

## Best Of Completion Rate

<b>Measure Type</b>	Required by State
<b>Data Source</b>	CDE calculates and provides this data for schools on the AEC SPF. This data is lagged by one year.
<b>Definition</b>	<p>Completion rate is the percentage of students from a beginning of year 9<sup>th</sup> grade cohort (adjusted for verified transfers in and out) who graduate or otherwise complete high school in a given year. For the AEC SPF, completion rate data is aggregated over the last three years. The highest value among the aggregated 4, 5, 6, or 7-year completion rate aggregated over the last three years is used for accountability purposes on the AEC SPF.</p>

## Best Of Completion Rate

	<ul style="list-style-type: none"> <li>Measure will be calculated by CDE for all schools with at least 16 eligible students. Schools with less than 16 eligible students are exempt from this measure.</li> <li>This measure is required for AECs serving grade 12.</li> <li>Non-degree granting institutions are exempt from this measure.</li> </ul>
<b>Eligibility Criteria</b>	<p>The completion rate that is used to determine the rating is the highest of the rates associated with the 4, 5, 6, and 7 year cohorts. <a href="#">In the file published by the Data Services Unit</a>, refer to the “Number of Years After Entering High School” column to identify records for the cohorts reported in the performance frameworks. Records with a value of ‘4’ are used to calculate the 4-year rates; records with a value of ‘5’ are used to calculate the 5-year rates; records with ‘6’ are used for the 6-year rates; and records with ‘7’ are used for the 7-year rates. The aggregation model for AECs includes the most recent three years of data for each cohort year (three years of data for the 4 year cohort, three years of data for the 5 year cohort, three years of data for the 6 year cohort, and three years of data for the 7 year cohort).</p>
<b>Cut Scores</b>	<p>Cut points were set using the 1st, 40th, 60th, and 90th percentile ranks among the AEC school distribution statewide.</p> <ul style="list-style-type: none"> <li><b>Does not meet AEC norms:</b> Below 40%</li> <li><b>Approaching AEC norms:</b> 40% - 60%</li> <li><b>Meets AEC norms:</b> 60% - 90%</li> <li><b>Exceeds AEC norms:</b> At/above 90%</li> </ul> <p>See the <a href="#">Annotated AEC Performance Framework</a>.</p>
<b>Norming Method</b>	<p>This measure is normed using the distribution of completion rates across AEC schools in the state of Colorado. Norms are based on the 2016 AEC SPF.</p>

## Dropout Rate

<b>Measure Type</b>	Required by State
<b>Data Source</b>	CDE calculates and provides this data for schools on the AEC SPF. This data is lagged by one year.
<b>Definition</b>	<p>Drop-out rate is an annual rate of the percentage of all students enrolled in grades 9 through 12 who leave school during a single school year without subsequently attending another school or educational program. For the purposes of the AEC SPF, it is a 3-year aggregate of the school’s drop-out rate.</p> <ul style="list-style-type: none"> <li>Schools with less than 16 eligible students are exempt from this measure.</li> <li>Required for schools serving grade 9 and higher.</li> </ul>

Dropout Rate	
Eligibility Criteria	The information used for the performance framework reports comes from <a href="#">the file published by the Data Services Unit</a> , which includes both district-level and school-level data. The summary information included in the file can be used to generate all the calculations that appear in the performance framework reports.
Cut Scores	<p>Cut points were set using the 1st, 40th, 60th, and 90th percentile ranks among the AEC school distribution statewide.</p> <ul style="list-style-type: none"> <li>• <b>Does not meet AEC norms:</b> Above 18.2%</li> <li>• <b>Approaching AEC norms:</b> 18.2% - 12.8%</li> <li>• <b>Meets AEC norms:</b> 12.8% - 4.6%</li> <li>• <b>Exceeds AEC norms:</b> At/below 4.6%</li> </ul> <p>See the <a href="#">Annotated AEC Performance Framework</a>.</p>
Norming Method	This measure is normed using the distribution of dropout rates across AEC schools in the state of Colorado. Norms are based on the 2016 AEC SPF.

### Recommended Optional Measures

Matriculation Rate	
Measure Type	Optional – can be submitted by districts on behalf of schools.
Data Source	CDE calculates and, <a href="#">upon request</a> , provides this data for schools on the AEC SPF. This data is lagged by one year.
Definition	The percentage of students in a school's graduation /completion base in a given year who can be identified as having been enrolled in a two-year college, four-year college, CTE program, or enlisted in the military during the summer or fall term following graduation. In addition, any student enrolled in ASCENT, P-TECH, or TREP programs during their 5th year of high school are also included within the numerator for calculation purposes.
Eligibility Criteria	<p>Students are eligible for inclusion in this measure if they meet the following criteria:</p> <ul style="list-style-type: none"> <li>• Student graduated from a given school.</li> <li>• Student meets matriculation inclusion rules as written <a href="#">here</a>.</li> </ul> <p><i>NOTE: Matriculation rates can be used as part of post-completion success. However, since matriculation data is one year lagged, this can only be included in a post-completion success measure if the post-completion success measure is aggregated over 3 years of data.</i></p>

Matriculation Rate	
Calculation	<p>Matriculation Rate =</p> <p><b>Total HS graduates with a qualifying credential, enrollment, or enlistment status*</b>            (i.e., high school graduates who received a CTE credential, higher education diploma, enlisted in the military during high school, or those who enrolled in ASCENT, P-TECH, or TREP programs during their 5th year of high school plus the number of high school graduates who enrolled in a CTE program enrolled in a 2-year or 4-year institution of higher education, or enlisted in the military during the summer or fall term immediately following graduation)</p> <p><u>divided by</u></p> <p><b>Total HS graduates</b></p> <p>*A student is counted only once in the numerator even if they qualify for multiple pathways</p>
Cut Scores	See the <a href="#">Optional Measure Cut Point Lookup Document</a> .
Norming Method	This measure is normed using the distribution of matriculation rates across AEC schools in the state of Colorado. Norms are based on the 2016 AEC SPF.

Best Of Graduation Rate	
Measure Type	Optional – can be submitted by districts on behalf of schools.
Data Source	CDE calculates and provides this data for schools on the AEC SPF. This data is lagged by one year. Schools and districts must request the use of this data during the <a href="#">New Measure Application</a> .
Definition	<p>Graduation rate is the percentage of students from a beginning of year 9<sup>th</sup> grade cohort (adjusted for verified transfers in and out) who graduate high school in a given year. For the AEC SPF, graduation rate data is aggregated over the last three years. The highest value among the aggregated 4, 5, 6, or 7-year graduation rate aggregated over the last three years is used for accountability purposes on the AEC SPF.</p> <ul style="list-style-type: none"> <li>• Measure will be calculated by CDE for all schools with at least 16 eligible students. Schools with less than 16 eligible students are exempt from this measure.</li> <li>• Non-degree granting institutions are ineligible for this measure.</li> </ul>

Best Of Graduation Rate	
Eligibility Criteria	The graduation rate that is used to determine the rating is the highest of the rates associated with the 4, 5, 6, and 7 year cohorts. <a href="#">In the file published by the Data Services Unit</a> , refer to the “Number of Years After Entering High School” column to identify records for the cohorts reported in the performance frameworks. Records with a value of ‘4’ are used to calculate the 4-year rates; records with a value of ‘5’ are used to calculate the 5-year rates; records with ‘6’ are used for the 6-year rates; and records with ‘7’ are used for the 7-year rates. The aggregation model for AECs includes the most recent three years of data for each cohort year (three years of data for the 4 year cohort, three years of data for the 5 year cohort, three years of data for the 6 year cohort, and three years of data for the 7 year cohort).
Cut Scores	Cut points were set using the 1st, 40th, 60th, and 90th percentile ranks among the AEC school distribution statewide. See the <a href="#">Optional Measure Cut Point Lookup Document</a> .
Norming Method	This measure is normed using the distribution of graduation rates across AEC schools in the state of Colorado. Norms are based on the 2016 AEC SPF.

WorkKeys Certificate Earned Rate	
Measure Type	Optional – can be submitted by districts on behalf of schools.
Data Source	Districts provide all school performance information in aggregate through the <a href="#">Alternative Education Campus Selection of Measures Collection</a> (see <a href="#">AEC SPF Flat File</a> for previously approved measures). <ul style="list-style-type: none"> <li>• If possible, reporting school/district should pool data for the most recent three years.</li> <li>• Reporting school/district should not report data unless there are at least 16 students eligible.</li> </ul>
Definition	The percentage of students who met a score of Bronze or higher on the WorkKeys assessment identifying them as ready to enter the labor market
Eligibility Criteria	Students are eligible for inclusion in this measure if they meet the following criteria: <ul style="list-style-type: none"> <li>• Student has a valid test score on the WorkKeys assessment.</li> <li>• Schools cannot use this measure as a PWR measure if they are also using WorkKeys under the Achievement indicator.</li> </ul>
Calculation	<p>Workforce Readiness Rate =</p> <p><b>Total Eligible Students who received at least a Bronze or higher on the WorkKeys assessment</b></p> <p><u>divided by</u></p> <p><b>Total Eligible Students who took the WorkKeys assessment</b></p>

WorkKeys Certificate Earned Rate	
Cut Scores	<ul style="list-style-type: none"> <li>• <b>Does not meet AEC norms:</b> Below 40%</li> <li>• <b>Approaching AEC norms:</b> 40% - 60%</li> <li>• <b>Meets AEC norms:</b> 60% - 90%</li> <li>• <b>Exceeds AEC norms:</b> At/above 90%</li> </ul> <p>See the <a href="#">Optional Measure Cut Point Lookup Document</a>.</p>
Previously Approved Assessments	<ul style="list-style-type: none"> <li>• ACT WorkKeys</li> </ul>

Credit/Course Completion Rate	
Measure Type	Optional – can be submitted by districts on behalf of schools.
Data Source	<p>Districts provide all school performance information in aggregate through the <a href="#">Alternative Education Campus Selection of Measures Collection</a> (see <a href="#">AEC SPF Flat File</a> for previously approved measures).</p> <ul style="list-style-type: none"> <li>• If possible, reporting school/district should pool data for the most recent three years.</li> <li>• Reporting school/district should not report data unless there are at least 16 students eligible.</li> </ul>
Definition	The percent of total credits completed out of total credits attempted.
Eligibility Criteria	<p>Students are eligible for inclusion in this measure if they meet the following criteria:</p> <ul style="list-style-type: none"> <li>• Student has enrolled in any course</li> </ul>
Calculation	<p>Credit/Course Completion Rate =</p> <p><b>Total Number of Courses Passed by Any Student</b></p> <p><u>divided by</u></p> <p><b>All Attempted Courses</b></p>
Cut Scores	<ul style="list-style-type: none"> <li>• <b>Does not meet AEC norms:</b> Below 40%</li> <li>• <b>Approaching AEC norms:</b> 40% - 60%</li> <li>• <b>Meets AEC norms:</b> 60% - 90%</li> <li>• <b>Exceeds AEC norms:</b> At/above 90%</li> </ul> <p>See the <a href="#">Optional Measure Cut Point Lookup Document</a>.</p>