











**80/20 Rule:** If the value is less than or equal to 20, the reported value for the indicator will be 0. If the value is greater than 80, the reported value for the indicator will be 100. The 80/20 rule has been established to protect student privacy in Alaska's smaller schools. However, for the system to be fair to all schools, the suppression rule must be applied consistently to every school.

**Minimum "n" Rule:** A reported value of "n/a" indicates that there were less than 10 students represented in this indicator.

**Weight for School:** This field indicates the weight of this particular indicator in the school's total value. If one or more of the system's indicators do not meet the "minimum n" requirement of 10 students even with aggregation, the system weight for that indicator is proportionally redistributed to the remaining indicators that meet the "minimum n". A weight of "n/a" indicates that there were less than 10 students even with aggregation represented in this indicator.

**Points:** Represents the points earned for this indicator towards the school's index value. This value is calculated by multiplying the value of the indicator by the weight for school.

### *English Learner Progress*

This indicator demonstrates the percentage of English Learners that have met or exceeded their growth target. Growth targets are determined annually based on a student's performance on ACCESS for English Language Learners (ELLs) in the baseline year.

**Weight:** The system weight for Grades K-6 English Learner Progress is 15%. If a school does not have at least ten students represented in an indicator even with aggregation, then there is no value for that indicator and the weighting is proportionally redistributed to the other indicators.

**Value:** This field is the percentage of EL students in the grade span that have met or exceeded their growth target multiplied by 100.

**80/20 Rule:** If the value is less than or equal to 20, the reported value for the indicator will be 0. If the value is greater than 80, the reported value for the indicator will be 100. The 80/20 rule has been established to protect student privacy in Alaska's smaller schools. However, for the system to be fair to all schools, the suppression rule must be applied consistently to every school.

**Minimum "n" Rule:** A reported value of "n/a" indicates that there were less than 10 students represented in this indicator.

**Weight for School:** This field indicates the weight of this particular indicator in the school's total value. If one or more of the system's indicators do not meet the "minimum n" requirement of 10 students with aggregation, the system weight for that indicator is proportionally redistributed to the remaining indicators that meet the "minimum n". A weight of "n/a" indicates that there were less than 10 students even with aggregation represented in this indicator.

**Points:** Represents the points earned for this indicator towards the school's total value. This value is calculated by multiplying the value of the indicator by the weight for the school.

### *School Quality/Student Success: Chronic Absenteeism*

This indicator looks at the number of students that are not considered chronically absent. Chronic absenteeism is defined as missing at least 10% of the days in which a student was enrolled at the school. Only students that have been enrolled for at least one half of the school term are considered in the chronic absenteeism indicator. The chronic absenteeism indicator is not considered for correspondence schools and schools located in facilities where students are incarcerated.

**Weight:** The system weight for Grades K-6 chronic absenteeism is 10%. If a school does not have at least ten students represented in an indicator after aggregation, then there is no value for that indicator and the weighting is proportionally redistributed to the other indicators.

**Value:** This field indicates the percentage of students enrolled for at least one half of the school

term who did NOT meet the definition of chronically absent during the 2017-2018 school year, multiplied by 100. If 15% of the students in the grade span were chronically absent, the value would be 85.

**80/20 Rule:** The 80/20 rule does not apply to attendance data.

**Minimum “n” Rule:** A reported value of “n/a” indicates that there were less than 10 students represented in this indicator. If the school is a correspondence school or a school located in facilities where students are incarcerated, the reported value for chronic absenteeism is also “n/a”.

**Weight for School:** This field indicates the weight of this particular indicator in the school’s total value. If one or more of the system’s indicators do not meet the “minimum n” requirement of 10 students, the system weight for that indicator is proportionally redistributed to the remaining indicators that meet the “minimum n”.

**Points:** Represents the points earned for this indicator towards the school’s total value. This value is calculated by multiplying the value of the indicator by the weight for the school.

### *School Quality/Student Success: Grade 3 ELA*

This indicator looks at the number of Grade 3 students who were either proficient or advanced on the PEAKS ELA summative assessment or were At Target or Advanced on the DLM ELA summative assessment. Grade 3 ELA proficiency is calculated by dividing the number of Grade 3 FAY students at the proficient or advanced achievement level on the PEAKS ELA or were At Target or Advanced on the DLM ELA summative assessments by the total number of FAY Grade 3 students that tested.

If the school has a participation rate of less than 95%, the Grade 3 ELA value is calculated by dividing the count of 3<sup>rd</sup> grade students who were either proficient or advanced by 95% of the FAY 3<sup>rd</sup> grade students, then multiplying by 100.

**% Proficient:** This field indicates the percent of proficient 3<sup>rd</sup> Grade FAY students and is calculated by dividing the number of proficient 3<sup>rd</sup> Grade FAY students by the number of 3<sup>rd</sup> Grade FAY students tested in this content area, ELA or Mathematics. See Appendix D for the rules impacting the display of this data.

**Weight:** The system weight for Grade 3 ELA proficiency is 5%. If a school does not have at least ten students represented in an indicator even after aggregation, then there is no value for that indicator and the weighting is proportionally redistributed to the other indicators.

**Value:** This field is the percentage of FAY Grade 3 students who were proficient or advanced on the ELA assessment in 2018 multiplied by 100.

**80/20 Rule:** If the value is less than or equal to 20, the reported value for the indicator will be 0. If the value is greater than 80, the reported value for the indicator will be 100. The 80/20 rule has been established to protect student privacy in Alaska’s smaller schools. However, for the system to be fair to all schools, the suppression rule must be applied consistently to every school.

**Minimum “n” Rule:** A reported value of “n/a” indicates that there were less than 10 students represented in this indicator.

**Weight for School:** This field indicates the weight of this particular indicator in the school’s total value. If one or more of the system’s indicators do not meet the “minimum n” requirement of 10 students, the system weight for that indicator is proportionally redistributed to the remaining indicators that meet the “minimum n”. A weight for school of 0% indicates that there were less than 10 students represented in this indicator.

**Points:** Represents the points earned for this indicator towards the school’s total value. This value is calculated by multiplying the value of the indicator by the weight for the school.

**Total Grades K-6:** Total points of each indicator earned in this grade span.





number of students in the four-year cohort group, then multiplying by 100.

**80/20 Rule:** The 80/20 rule does not apply to the four-year graduation rate.

**Minimum “n” Rule:** A reported value of “n/a” indicates that there were less than 10 students represented in this indicator.

**Weight for School:** This field indicates the weight of this particular indicator in the school’s total value. If one or more of the system’s indicators do not meet the “minimum n” requirement of 10 students even after aggregation, the system weight for that indicator is proportionally redistributed to the remaining indicators that meet the “minimum n”. A weight for school of “n/a” indicates that there are less than 10 students represented in this indicator.

**Points:** Represents the points earned for this indicator towards the school’s total value. This value is calculated by multiplying the value of the indicator by the weight for the school.

### *Graduation Rate: Five Year*

This indicator looks at the number of students who graduated from high school within five years of enrolling in ninth grade. The five-year graduation rate is calculated by dividing the number of students who graduated in five years or less by the total number of students in the five-year cohort.

**Weight:** The system weight for five-year graduation rate is 5%. If a school does not have at least ten students represented in an indicator, then there is no value for that indicator and the weighting is proportionally redistributed to the other indicators.

**Value:** Calculated by dividing the number of graduates in the five-year cohort group by the number of students in the five-year cohort group, then multiplying by 100.

**80/20 Rule:** The 80/20 rule does not apply to the five-year graduation rate.

**Minimum “n” Rule:** A reported value of “n/a” indicates that there were less than 10 students represented in this indicator.

**Weight for School:** This field indicates the weight of this particular indicator in the school’s total value. If one or more of the system’s indicators do not meet the “minimum n” requirement of 10 students even after aggregation, the system weight for that indicator is proportionally redistributed to the remaining indicators that meet the “minimum n”. A weight for school of “n/a” indicates that there are less than 10 students represented in this indicator.

**Points:** Represents the points earned for this indicator towards the school’s total value. This value is calculated by multiplying the value of the indicator by the weight for the school.

**Total Grades 7-12:** Total points of each indicator earned in this grade span.

## Overall School Index Value Calculations 7

Using the October 1, 2017 enrollment data, the Overall School Index Value is calculated by multiplying the total points for Grades K-6 by the percent of the school enrollment that is represented by students in Grades K-6. Then, multiplying the total points for Grades 7-12 by the percent of the school enrollment that is represented by students in Grades 7-12. The sum of the two weighted values determine the Overall School Index Value.

**Oct. 1 Enrollment:** Provides the number of students enrolled in each grade span (K-6, 7-12); as well as the total number of K-12 students in the school.

**Percentage:** Represents the percentage of students enrolled in each grade span. For the Grades K-6 percentage, this is calculated by dividing the number of students enrolled in Grades K-6 by the total number of students enrolled in K-12. For the Grades 7-12, this is calculated by dividing the number of students enrolled in Grades 7-12 by the total number of students enrolled in K-12. The Grades K-6 and the Grades 7-12 percentages should total 100%.

**Points:** Represents the total points earned for each grade span. The total point calculations for

each grade span is illustrated in the two tables above this section of the report.

**Weighted:** Represents the weighted value of the total points earned for each grade span. The weighted value for each grade span is calculated by multiplying the grade span's percentage by the grade span's points. The weighted total is the sum of the weighted values for Grades K-6 and Grades 7-12.

**Overall School Index Value:** The weighted total is the overall school index value.

## Student Group Performance 8

The Student Group Index Value is used to identify inequities within a school. The Student Group Index Value will trigger a school designation of Targeted Support and Improvement (TSI) if the student group index value falls below the TSI–Performance Threshold. The TSI–Performance Threshold is the greatest index value of the lowest 5% of Title I schools identified as needing Comprehensive Support and Intervention (CSI). For the 2017-2018 *System for School Success*, the TSI–Performance Threshold is 15.91.

A Student Group Index Value is calculated for the following subgroups: African American, Alaska Native/American Indian, Asian/Pacific Islander, Caucasian, Hispanic, Two or more races, Students with Disabilities, English Learners, and Economically Disadvantaged.

As with the Overall School Index Value, the Student Group Index Value is the sum of the subgroup's performance points in each indicator with the appropriate weight applied. If the subgroup contains both the K-6 and 7-12 students, the Student Group Index Value is calculated based on the October 1 enrollment of both grade spans.

To receive a Student Group Index Value, a subgroup must have values in at least two indicators. One of these indicators must be one of the following: academic achievement in ELA or Mathematics, growth in ELA or Mathematics, four-year or five-year graduation rate, or English Learner progress.

Individual indicators for the subgroup can only be calculated if there are data from ten or more students. Subgroup data was not aggregated. If there was not sufficient data to calculate an index value, "n/a" will appear in the cell.

**Table A1: Accountability Indicator Weights**

Indicator		Grade Span	
		K-6	7 - 12
Achievement	English Language Arts	15%	10%
	Mathematics	15%	10%
Growth	English Language Arts	20%	20%
	Mathematics	20%	20%
Graduation Rate	Four-Year	n/a	15%
	Five-Year	n/a	5%
English Learner Progress		15%	10%
Chronic Absenteeism		10%	10%
Grade 3 English Language Arts		5%	n/a
Total		100%	100%

## Appendix B: Acronyms and Symbols

**Table B1:** Acronyms

Acronym	Term
ACCESS	Assessing Comprehension and Communication in English State-to-State
CSI	Comprehensive Support and Improvement
DLM	Dynamic Learning Maps (Alaska Alternate Assessments)
ELA	English Language Arts
ELLs	English Language Learners
FAY	Full Academic Year
PEAKS	Performance Evaluation for Alaska’s Schools
TSI	Targeted Support and Improvement

**Table B2:** Symbols

Symbol	Explanation
1	Full Academic Year (FAY) is defined as continuous enrollment from October 1 to the first day of the assessment window and represents the number of students in the grade span that were enrolled in the school for a Full Academic Year.
2	If the participation rate is less than 95%, the denominator used to calculate percent proficient will reflect 95% of the school’s full academic year (FAY) students for the content area and grade span.
3	If a school has a student group index value equal to or less than the TSI Student Group Performance Threshold, the school is designated as a Targeted School and Improvement (TSI) School for that student group.
*	Aggregated data (up to three years) used to calculate indicator value.
n/a	Not applicable. Even with aggregation, this data field did not meet the minimum n requirement of at least 10 students. Therefore, the value, weight for school, points, and the total could not be included.
^	Fewer than five students tested; data suppressed to maintain confidentiality.

## Appendix C: System for School Success Support Levels

Alaska has established three levels of support for its schools: comprehensive, targeted, and universal.

**Comprehensive:** A school will be designated as a school in need of Comprehensive Support and Improvement (CSI) for one or more of the following reasons:

- 1. Lowest 5%:** A Title I school with an overall index value in the lowest five percent of all Title I schools is designated as CSI. These schools are identified for three years. After three years, these schools are eligible to exit their CSI designation if the school no longer meets the CSI (Lowest 5%) entrance criteria and the Overall School Index Value has increased from when the school was designated.
- 2. Graduation Rate:** A school serving twelfth grade that has a four-year graduation rate equal to or less than 66 2/3% is designated for Comprehensive Support and Improvement (CSI). These schools are identified for at least one year. The next year when schools are designated, these schools can exit their CSI (Graduation Rate) designation if the school has achieved a four-year cohort graduation rate greater than 66 2/3%.
- 3. TSI Student Group:** A school designated for Targeted Support and Improvement (TSI) for three consecutive years for the same student group will become a Comprehensive Support and Improvement (CSI) school.

**Targeted:** A school is designated for Targeted Support and Improvement (TSI) if one or more of the school's student groups, also known as subgroups, has an index value that is equal to or less than the annually determined TSI Performance Threshold. The TSI Performance Threshold is determined by the highest value within the range of the school index values of the lowest 5% of all Title I schools.

A school is designated as TSI for at least one year and may exit the TSI designation for the student group by having the student group index value improve from the time of designation and by no longer meeting the TSI entrance criteria for the student group. A school that is designated as TSI for three consecutive years for the same student group will be designated as Comprehensive Support and Improvement (CSI).

**Universal:** A school is designated for Universal Support if the school performed above the criteria to be designated for Comprehensive Support and Improvement (CSI) and Targeted Support and Improvement (TSI). A universal support designation means that the school and its nine different student groups did not have index values that fell within the range of the lowest 5% of Title I schools. The designation also means that the school's graduation rate exceeded 66 2/3%.

## Appendix D: Data Suppression Rules

The following data suppression rules have been established to protect student privacy in Alaska’s schools.

**Percent Proficient:** If the percent proficient could be used to determine that zero, one, or two students were either proficient or not proficient, the percentage proficient will be reported as a range. In reporting the range, the following rules apply:

**Table D1:** Achievement Level Reported

Number of Students Tested	Achievement Level Reported
1-4	No data is reported to main confidentiality. A caret, “^”, is used to signify that less than five students were tested and that all data was suppressed.
5-7	60% or more proficient (or not proficient) 40% or fewer not proficient (or proficient)
8-9	75% or more proficient (or not proficient) 25% or fewer not proficient (or proficient)
10-19	80% or more proficient (or not proficient) 20% or fewer not proficient (or proficient)
20-39	90% or more proficient (or not proficient) 10% or fewer not proficient (or proficient)
40 (or more)	95% or more proficient (or not proficient) 5% or fewer not proficient (or proficient)

### Indicator Calculation:

**80/20 Rule:** If the value is less than or equal to 20, the reported value for the indicator will be 0. If the value is greater than 80, the reported value for the indicator will be 100. The 80/20 rule has been established to protect student privacy in Alaska’s smaller schools. However, for the system to be fair to all schools, this suppression rule must be applied consistently to every school.

**Minimum “n” Rule:** A reported value of “n/a” indicates that even with the aggregation of up to three years of available data, there were less than 10 students represented in this indicator. An indicator must meet the minimum “n” requirement to be included in the index value calculation.

## Appendix E: Academic Growth Calculation

### Academic Growth Index Value Methodology

A student will be included in the academic growth indicator if the following conditions are met:

- The student received a valid test score on the statewide PEAKS summative assessment in both the current year and the prior year;
- The student has progressed one grade from the previous year *e.g.*, a student who was administered the grade six test in the current year must have been administered the grade five test in the previous year to be included in the growth calculation; and
- The student was enrolled in the school for the full academic year.

**Note:** Full academic year is defined as October 1 until the first day of the statewide testing period.

Student performance is divided into eight achievement level categories, ranging from **Far Below Proficient Low (FBP Low)** to **Advanced High (A High)**. Proficiency levels are dependent on the subject area, student scale score, and grade level. The students that are eligible to be included in the academic growth indicator will be assigned the appropriate sub-level categories based on the student’s scale scores in PEAKS English Language Arts and Mathematics using the tables below:

**Table E1:** English Language Arts Achievement Sub-Level Ranges by Grade Level

Achievement Sub-Level	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9
A High	558-600	554-600	564-600	567-600	562-600	557-600	551-600
A Low	542-557	538-553	548-563	551-566	546-561	541-556	535-550
P High	521-541	519-537	524-547	526-550	523-545	521-540	518-534
P Low	500-520	500-518	500-523	500-525	500-522	500-520	500-517
BP High	482-499	484-499	482-499	487-499	486-499	485-499	486-499
BP Low	464-481	468-483	464-481	473-486	471-485	469-484	471-485
FBP High	448-463	452-467	448-463	457-472	455-470	453-468	455-470
FBP Low	400-447	400-451	400-447	400-456	400-454	400-452	400-454

Note: A = Advanced; P = Proficient; BP = Below Proficient; FBP = Far Below Proficient

**Table E2: Mathematics Achievement Sub-Level Ranges by Grade Level**

Achievement Sub-Level	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9
A High	570-600	575-600	584-600	570-600	575-600	578-600	586-600
A Low	554-569	559-574	568-583	554-569	559-574	562-577	570-585
P High	527-553	530-558	534-567	527-553	530-558	531-561	535-569
P Low	500-526	500-529	500-533	500-526	500-529	500-530	500-534
BP High	479-499	480-499	481-499	477-499	476-499	474-499	475-499
BP Low	458-478	460-479	462-480	454-476	451-475	448-473	450-474
FBP High	442-457	444-459	446-461	438-453	435-450	432-447	434-449
FBP Low	400-441	400-443	400-445	400-437	400-434	400-431	400-433

Note: A = Advanced; P = Proficient; BP = Below Proficient; FBP = Far Below Proficient

A student who scored at the proficient or advanced level in the previous year will be considered to have made adequate growth by retaining or improving the student's achievement level in the current year. A student who scored below proficient or far below proficient in the previous year will be considered to have made adequate growth by improving the achievement sub-level from the previous year. The check marks in the following table illustrate when a student would be considered making adequate growth.

The value for the academic growth indicator will be calculated by dividing the number of eligible students making adequate growth by the number of students eligible to be included, then multiplying by 100.


**Table E3: Criteria to meet growth target**

Previous Year	Current Year							
	FBP Low	FBP High	BP Low	BP High	P Low	P High	A Low	A High
FBP Low		✓	✓	✓	✓	✓	✓	✓
FBP High			✓	✓	✓	✓	✓	✓
BP Low				✓	✓	✓	✓	✓
BP High					✓	✓	✓	✓
P Low					✓	✓	✓	✓
P High					✓	✓	✓	✓
A Low							✓	✓
A High							✓	✓

Note: A = Advanced; P = Proficient; BP = Below Proficient; FBP = Far Below Proficient



# Appendix F: System for School Success Report Sample



**Alaska Department of  
Education & Early Development**

**2017-2018 System for School Success**

**1**

School ID:  
District:  
School:  
Overall School Index Value:  
Support Level:

**School Demographics** **2**

Grade Span:  
Oct 1 Enrollment:  
Title I School:

**3** 2017-2018 FAY Participation Rate Grades K-6

Participation Rate		FAY <sup>1</sup> Grades 3-6	Tested	Rate <sup>2</sup>
K-6	ELA			
	Math			

**4** 2017-2018 FAY Participation Rate Grades 7-12

Participation Rate		FAY <sup>1</sup> Grades 7-9	Tested	Rate <sup>2</sup>
7-12	ELA			
	Math			

**5**

Indicator	Weight	Value	Weight for School	Points
Academic Achievement	% Proficient			
	ELA Proficiency	15%		
	% Proficient			
	Math Proficiency	15%		
Academic Growth	ELA	20%		
	Math	20%		
English Learner Progress		15%		
School Quality / Student Success	Chronic Absenteeism	10%		
	% Proficient			
	Grade 3 ELA	5%		
<b>Total: Grades K-6</b>		<b>100%</b>	<b>100%</b>	

**6**

Indicator	Weight	Value	Weight for School	Points
Academic Achievement	% Proficient			
	ELA Proficiency	10%		
	% Proficient			
	Math Proficiency	10%		
Academic Growth	ELA	20%		
	Math	20%		
English Learner Progress		10%		
School Quality / Student Success	Chronic Absenteeism	10%		
Graduation Rate	Four-Year	15%		
	Five-Year	5%		
<b>Total: Grades 7-12</b>		<b>100%</b>	<b>100%</b>	

This school performed above the criteria to be designated for Comprehensive Support and Improvement (CSI) and Targeted Support and Improvement (TSI). Schools that are not designated as CSI or TSI receive the designation of Universal Support.


**8**

Student Group	Index Value
African American	
Alaska Native / American Indian	
Asian / Pacific Islander	
Caucasian	
Hispanic	
Two or More Races	
Students with Disabilities	
English Learners	
Economically Disadvantaged	
TSI - Performance Threshold <sup>3</sup>	

**7**

Overall School Index Value Calculations				
Grade Span	Oct 1 Enrollment	Percentage	Points	Weighted
Grades K-6				
Grades 7-12				
Total		100%		

**Overall School Index Value**



<sup>1</sup> FAY is defined as continuous enrollment from October 1 to the first day of the general assessment window and represents the number of students in the grade span that were enrolled in the school for a Full Academic Year.

<sup>2</sup> If the participation rate is less than 95%, the denominator used to calculate % proficient will reflect 95% of the school's Full Academic Year students for that content area and grade span.

<sup>3</sup> If a school has a student group index value equal to or less than the TSI Performance Threshold, the school is designated as a Targeted Support and Improvement (TSI) School for that student group.

\* Aggregated data (multiple years) used to calculate score. ^ Fewer than 5 students tested, data suppressed to maintain student confidentiality.