

Chapter 5—Calculating Ratings

Overview

Districts and campuses receive A–F ratings overall and in each domain. This chapter describes the process used to determine the ratings for districts and campuses.

Ratings

Scaling Processes

In order to align letter grades and scores used in the academic accountability system to the common conception of letter grades, raw domain and component scores are adjusted to scaled scores. The methodology and formulas for scaling domains and components are provided in this chapter. For additional details on the scaling methodology, please see “Appendix I—Scaling Resources.”

Please note, the graduation rate component does not use the scaling process described above. This component is scaled using a conversion table provided in this chapter.

Campus Domain Methodology

The following methodology is used to calculate campus domain ratings.

Student Achievement Domain

Step 1: Determine a scaled score for the STAAR and College, Career, and Military Readiness (CCMR) components of the Student Achievement domain using Table 5.1 in conjunction with the scaling methodology provided.

Step 2: Determine a scaled score for the graduation rate component using the conversion table provided in Table 5.2.

Step 3: Weight the STAAR component scaled score at 40 percent, the CCMR component scaled score at 40 percent, and the graduation rate converted score at 20 percent to determine the Student Achievement domain scaled score.

For campuses lacking a graduation rate component, weight the STAAR component scaled score at 50 percent and the CCMR component scaled score at 50 percent to determine the Student Achievement domain scaled score.

For campuses lacking both the CCMR and the graduation rate components, the STAAR component scaled score is the Student Achievement domain scaled score.

For campuses lacking the CCMR component, regardless of whether they have the graduation rate component, the STAAR component scaled score is weighted at 100 percent.

School Progress Domain

Step 4: Determine a scaled score for both School Progress, Part A using Table 5.3 and School Progress, Part B using the School Progress: Relative Performance Lookup Tables in conjunction with the scaling methodology provided in this chapter. For high schools with STAAR and CCMR data, scaled scores are calculated for both parts and then averaged. For campuses registered under alternative education accountability, use the School Progress: Retest Growth Lookup Table 5.6.

Step 5: Determine the better outcome of the School Progress, Part A and Part B scaled scores. Use the better as the School Progress domain scaled score. If either Part A or Part B's scaled score results in a scaled score less than 60, the highest scaled score that can be used is 89.

Closing the Gaps Domain

Step 6: Determine a scaled score for the Closing the Gaps domain using Table 5.4 in conjunction with the scaling methodology provided in this chapter.

Campus Overall Rating

Step 7: Determine the better outcome of the Student Achievement and the School Progress domain scaled scores. If either domain's scaled score results in a scaled score less than 60, the highest scaled score that can be used is an 89.

Step 8: Weight the better outcome of the Student Achievement or the School Progress domain scaled score at 70 percent.

Step 9: Weight the Closing the Gaps domain scaled score at 30 percent. For campuses lacking a Closing the Gaps domain score, weight the better outcome of the Student Achievement or School Progress domain scaled score at 100 percent.

Step 10: Total the weighted outcome of the two scaled scores to calculate the overall score.

Weighted domain outcomes are rounded to the nearest decimal point. Overall rating scores are rounded to the nearest whole number.

Campus Overall Rating 3 Fs Rule

Step 11: If a scaled score less than 60 is received in three of the four areas of Student Achievement; School Progress, Part A: Academic Growth; School Progress, Part B: Relative Performance; or Closing the Gaps, the highest scaled score a campus can receive for the overall rating is a 59. In order for this provision to be applied, the campus must be evaluated in all four areas. **If the Student Achievement domain scaled score is 60 or higher, this provision will not be applied.** This provision is not applied to a dropout recovery school.

Campus Overall Rating 3 Ds Rule

Step 12: If a scaled score less than 70 is received in three of the four areas of Student Achievement; School Progress, Part A: Academic Growth; School Progress, Part B: Relative Performance; or Closing the Gaps, the highest scaled score a campus can receive for the overall rating is a 69. In order for this provision to be applied, the campus must be evaluated in all four areas. **If the Student Achievement domain scaled score is 70 or higher, this provision will not be applied.** This provision is not applied to a dropout recovery school.

Example: Campus Student Achievement Domain Calculation

Component	Component Score	Scaled Score	Weight	Weighted Points
STAAR	36	62	40%	24.8
CCMR	84	86	40%	34.4
Graduation Rate	90.4	60	20%	12.0
Student Achievement Scaled Score				71
Campus Student Achievement Domain Rating				C

Example: Campus Overall Rating Calculation

Domain	Scaled Score	Better of School Progress Part A or Part B	Better of Student Achievement or School Progress	Weight	Weighted Points
Student Achievement	71		89	70%	62.3
School Progress, Part A	89	89			
School Progress, Part B	84				
Closing the Gaps	81			30%	24.3
Overall Score					87
Overall Rating					B

District Proportional Domain Methodology

District domain ratings are calculated using a proportionality method. The campus weight determines how much a campus grade proportionally impacts the district rating. This methodology only considers campus enrollment counts for grades 3–12, excludes *Not Rated* and paired campuses, is applied to each domain, and includes campuses evaluated under alternative education accountability.

Step 1: Determine the number of students enrolled in (classified in membership) grades 3–12 at each campus in the TSDS PEIMS Fall Snapshot.

Step 2: Sum the number of students enrolled in grades 3–12 at the district.

Step 3: Divide the number of grades 3–12 students at the campus by the district total.

The resulting percentage rounded to the nearest decimal point is the weight that each campus contributes to the district domain score. If a campus is not rated in a domain, the weights are determined by only those campuses with a domain rating.

Step 4: Multiply the campus domain scaled score by its weight to determine the points. The points are rounded to the nearest thousandth. For example, the number 3.14159 rounded to three decimal places is 3.142.

Step 5: Sum the points for all campuses to determine the district's domain score and round the domain rating to the nearest whole number.

Step 6: Determine the better outcome of the School Progress, Part A and Part B scores. Use the better as the district's School Progress domain scaled score. If either the Part A or Part B scaled score results in a scaled score less than 60, the highest scaled score that can be used is 89.

Example: District Proportional Student Achievement Domain Rating Calculation

Example: Calculating Proportional Weighting of Campuses

Campus	Grade 3-12 Enrollment	Calculation	Weight
Campus 1	334	$334 \div 2,417$	13.8%
Campus 2	990	$990 \div 2,417$	41.0%
Campus 3	62	$62 \div 2,417$	2.6%
Campus 4	761	$761 \div 2,417$	31.5%
Campus 5	270	$270 \div 2,417$	11.2%
District 3–12 Enrollment	2,417		

Example: Calculating Campus Points to Determine District Domain Score

Campus	Student Achievement Domain Scaled Score	Weight	Points
Campus 1	85	13.8%	11.730
Campus 2	85	41.0%	34.850
Campus 3	77	2.6%	2.002
Campus 4	72	31.5%	22.680
Campus 5	67	11.2%	7.504
District Student Achievement Domain Scaled Score			79

District Overall Rating

Step 7: Determine the better outcome of the Student Achievement and the School Progress domain scaled scores. If either domain's scaled score results in a scaled score less than 60, the highest scaled score that can be used is an 89.

Step 8: Weight the better outcome of the Student Achievement or the School Progress domain scaled score at 70 percent.

Step 9: Weight the Closing the Gaps domain scaled score at 30 percent. For districts lacking a Closing the Gaps domain score, weight the better outcome of the Student Achievement or School Progress domain scaled score at 100 percent.

Step 10: Total the weighted outcome of the two scaled scores to calculate the overall score.

Weighted domain outcomes are rounded to the nearest decimal point. Overall rating scores are rounded to the nearest whole number.

District Overall Rating 3 Fs Rule

Step 11: If a scaled score less than 60 is received in three of the four areas of Student Achievement;

School Progress, Part A: Academic Growth; School Progress, Part B: Relative Performance; or Closing the Gaps, the highest scaled score a district can receive for the overall rating is a 59. In order for this provision to be applied, the district must be evaluated in all four areas. **If the Student Achievement domain scaled score is 60 or higher, this provision will not be applied.** This provision is not applied to a dropout recovery school.

District Overall Rating 3 Ds Rule

Step 12: If a scaled score less than 70 is received in three of the four areas of Student Achievement; School Progress, Part A: Academic Growth; School Progress, Part B: Relative Performance; or Closing the Gaps, the highest scaled score a district can receive for the overall rating is a 69. In order for this provision to be applied, the district must be evaluated in all four areas. **If the Student Achievement domain scaled score is 70 or higher, this provision will not be applied.** This provision is not applied to a dropout recovery school.

Overall Rating (Districts) Campus Scaled Score Rule

A district may not receive an overall or domain rating of A if the district includes any campus with a corresponding overall or domain scaled score less than 70. In this case, the highest scaled score a district can receive for the overall or in the corresponding domain is an 89. If the campus is registered and evaluated under alternative education accountability (AEA) provisions as described in “Chapter 7—Other Accountability Processes,” this provision is not applied if the AEA campus has an overall or corresponding domain scaled score of at least 60. The provision is applied if the AEA campus has an overall or corresponding domain scaled score less than 60.

Cut Scores for Scaling Conversion

The following table shows the cut points for each rating. These cut points apply to the overall rating as well as the rating for each domain.

Overall and Domain Rating Cut Points				
<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>F</i>
Scaled score 90–100	scaled score 80–89	scaled score 70–79	scaled score 60–69	scaled score ≤59

Scaling Tables

School Progress, Part B: Relative Performance lookup tables are available at the end of this chapter.

Table 5.1: Campus Student Achievement Domain: STAAR and CCMR Components

Campus Student Achievement Domain: STAAR and CCMR Component Score Cut Points						
Rating	STAAR				CCMR	
	Elementary	Middle	HS/K–12	AEA	Non-AEA	AEA
<i>A</i>	60	60	60	40	88	60
<i>B</i>	53	49	53	30	78	30
<i>C</i>	41	38	41	20	64	18
<i>D</i>	35	32	35	15	51	12

Table 5.2: Campus Student Achievement Domain: Graduation Rate Component

Campus Student Achievement Domain: Graduation Rate Component Conversion Table				
	Longitudinal Graduation Rate			
Scaled Score	Non-AEA		AEA	
	Low	High	Low	High
100	100	-	100	-
95	99	99.9	99	99.9
90	98	98.9	98	98.9
85	97	97.9	97	97.9
80	96	96.9	96	96.9
75	95	95.9	92	95.9
70	94	94.9	88	91.9
65	91	93.9	79	87.9
60	88	90.9	70	78.9
55	72	87.9	60	69.9
50	50	71.9	45	59.9
40	30	49.9	30	44.9
30	0	29.9	0	29.9

Table 5.3: Campus School Progress, Part A Domain

Campus School Progress, Part A: Score Cut Points				
Rating	Elementary	Middle	HS/K-12	AEA
<i>A</i>	80	80	85	80
<i>B</i>	71	68	74	62
<i>C</i>	63	61	68	51
<i>D</i>	56	55	62	35

Table 5.4: Campus Closing the Gaps Domain

Campus Closing the Gaps Domain Score Cut Points				
Rating	Elementary	Middle	HS/K-12	AEA
<i>A</i>	74	71	74	44
<i>B</i>	60	58	62	31
<i>C</i>	33	34	48	19
<i>D</i>	12	16	37	9

How to Convert to a Scaled Score

Use the cut point tables to convert a raw domain or component score to a scaled score by using the following corresponding formula.

Example: Converting to a Scaled Score

An elementary campus received an Academic Achievement domain score of 56. The scaling table shows an Academic Achievement domain score between 53–60 for a non-AEA elementary campus falls within the *B* range. To convert the domain score to a scaled score, use the scaling formula for the *B* range.

$$\text{Round } 89 - \frac{9 ((60 - 1) - 56)}{(60 - 1) - 53}$$

$$\text{Round } 89 - \frac{9 (59 - 56)}{59 - 53}$$

$$\text{Round } 89 - \frac{9 (3)}{6}$$

$$\text{Round } 89 - \frac{27}{6}$$

$$\text{Round } (89 - 4.5)$$

$$\text{Round } (84.5)$$

$$\text{Scaled Score} = 85$$

Table 5.5: School Progress, Part B: Relative Performance Lookup Tables

% Economically Disadvantaged	Elementary School Scaled Score				Middle School Scaled Score				High School/K-12 (STAAR) Scaled Score				High School/K-12 (CCMR) Scaled Score			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
0 to 5	86	75	69	65	86	76	71	67	83	76	68	62	94	85	79	72
5.1 to 6	85	75	68	64	85	75	70	66	83	76	68	62	94	85	78	71
6.1 to 7	85	74	68	63	84	75	69	65	82	75	67	61	93	84	78	70
7.1 to 8	84	73	67	63	83	74	69	65	81	74	66	60	93	84	77	69
8.1 to 9	84	73	67	62	83	73	68	64	80	73	65	59	93	84	76	69
9.1 to 10	83	72	66	62	82	73	67	63	80	73	65	59	93	83	76	68
10.1 to 11	82	72	65	61	81	72	66	62	79	72	64	58	93	83	75	67
11.1 to 12	82	71	65	60	81	71	66	62	78	71	63	57	93	83	75	66
12.1 to 13	81	70	64	60	80	70	65	61	78	71	63	57	93	82	74	66
13.1 to 14	81	70	64	59	79	70	64	60	77	70	62	56	93	82	74	65
14.1 to 15	80	69	63	59	78	69	64	60	76	69	61	55	93	82	73	64
15.1 to 16	79	69	63	58	78	68	63	59	75	68	60	54	93	81	73	63
16.1 to 17	79	68	62	57	77	68	62	58	75	68	60	54	93	81	72	63
17.1 to 18	78	68	61	57	76	67	62	58	74	67	59	53	93	81	72	62
18.1 to 19	78	67	61	56	76	66	61	57	74	67	59	53	93	81	71	61
19.1 to 20	77	67	60	56	75	66	60	56	73	66	58	52	93	80	71	61
20.1 to 21	77	66	60	55	75	65	60	56	72	65	57	51	93	80	70	60
21.1 to 22	76	66	59	55	74	65	59	55	72	65	57	51	93	80	70	59
22.1 to 23	76	65	59	54	73	64	59	55	71	64	56	50	93	80	70	59
23.1 to 24	75	64	58	54	73	63	58	54	70	63	55	49	93	79	69	58
24.1 to 25	75	64	58	53	72	63	57	53	70	63	55	49	92	79	68	57
25.1 to 26	74	63	57	53	71	62	57	53	69	62	54	48	92	79	67	56
26.1 to 27	74	63	57	52	71	61	56	52	69	62	54	48	92	79	67	55
27.1 to 28	73	62	56	52	70	61	55	51	68	61	53	47	92	79	67	55

Table 5.5: School Progress, Part B: Relative Performance Lookup Tables (continued)

% Economically Disadvantaged	Elementary School Scaled Score				Middle School Scaled Score				High School/K-12 (STAAR) Scaled Score				High School/K-12 (CCMR) Scaled Score			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
28.1 to 29	73	62	56	51	70	60	55	51	68	61	53	47	92	78	66	54
29.1 to 30	72	62	55	51	69	60	54	50	67	60	52	46	92	78	66	53
30.1 to 31	72	61	55	50	69	59	54	50	67	60	52	46	92	78	66	53
31.1 to 32	71	61	54	50	68	59	53	49	66	59	51	45	92	78	65	52
32.1 to 33	71	60	54	49	67	58	53	49	65	58	50	44	91	78	65	52
33.1 to 34	70	60	53	49	67	57	52	48	65	58	50	44	91	78	64	51
34.1 to 35	70	59	53	48	66	57	52	48	64	57	49	43	91	77	64	51
35.1 to 36	69	59	53	48	66	56	51	47	64	57	49	43	91	77	64	50
36.1 to 37	69	58	52	48	65	56	50	46	64	57	49	43	91	77	63	50
37.1 to 38	69	58	52	47	65	55	50	46	63	56	48	42	91	77	63	49
38.1 to 39	68	57	51	47	64	55	49	45	63	56	48	42	91	77	63	49
39.1 to 40	68	57	51	46	64	54	49	45	62	55	47	41	91	76	63	49
40.1 to 41	67	57	50	46	63	54	48	44	62	55	47	41	91	76	62	49
41.1 to 42	67	56	50	45	63	53	48	44	61	54	46	40	91	76	62	49
42.1 to 43	66	56	50	45	62	53	47	43	61	54	46	40	91	76	62	49
43.1 to 44	66	55	49	45	62	52	47	43	60	53	45	39	91	76	62	49
44.1 to 45	66	55	49	44	61	52	46	42	60	53	45	39	91	76	62	49
45.1 to 46	65	55	48	44	61	51	46	42	60	53	45	39	91	76	62	49
46.1 to 47	65	54	48	43	60	51	45	41	59	52	44	38	91	76	62	49
47.1 to 48	65	54	48	43	60	50	45	41	59	52	44	38	91	76	62	49
48.1 to 49	64	53	47	43	59	50	45	41	59	52	44	38	91	76	62	49
49.1 to 50	64	53	47	42	59	50	44	40	58	51	43	37	91	76	62	49
50.1 to 51	63	53	47	42	59	49	44	40	58	51	43	37	91	76	61	48

Table 5.5: School Progress, Part B: Relative Performance Lookup Tables (continued)

% Economically Disadvantaged	Elementary School Scaled Score				Middle School Scaled Score				High School/K-12 (STAAR) Scaled Score				High School/K-12 (CCMR) Scaled Score			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
51.1 to 52	63	52	46	42	58	49	43	39	58	51	43	37	91	76	61	48
52.1 to 53	63	52	46	41	58	48	43	39	57	50	42	36	91	76	61	48
53.1 to 54	62	52	45	41	57	48	42	38	57	50	42	36	91	76	61	48
54.1 to 55	62	51	45	41	57	47	42	38	57	50	42	36	91	76	61	48
55.1 to 56	62	51	45	40	56	47	42	38	56	49	41	35	91	76	61	48
56.1 to 57	61	51	44	40	56	47	41	37	56	49	41	35	91	76	61	48
57.1 to 58	61	50	44	40	56	46	41	37	56	49	41	35	91	76	61	48
58.1 to 59	61	50	44	39	55	46	40	36	55	48	40	34	91	76	61	48
59.1 to 60	60	50	44	39	55	46	40	36	55	48	40	34	91	76	61	48
60.1 to 61	60	49	43	39	55	45	40	36	55	48	40	34	90	76	60	47
61.1 to 62	60	49	43	38	54	45	39	35	55	48	40	34	90	76	60	47
62.1 to 63	60	49	43	38	54	44	39	35	55	48	40	34	90	76	60	47
63.1 to 64	59	49	42	38	53	44	39	35	54	47	39	33	90	76	60	47
64.1 to 65	59	48	42	38	53	44	38	34	54	47	39	33	90	76	60	47
65.1 to 66	59	48	42	37	53	43	38	34	54	47	39	33	90	76	60	47
66.1 to 67	58	48	42	37	53	43	38	34	54	47	39	33	90	76	60	47
67.1 to 68	58	48	41	37	52	43	37	33	53	46	38	32	90	76	60	47
68.1 to 69	58	47	41	37	52	42	37	33	53	46	38	32	90	76	60	47
69.1 to 70	58	47	41	36	52	42	37	33	53	46	38	32	90	75	60	47
70.1 to 71	57	47	41	36	51	42	36	32	53	46	38	32	89	75	59	46
71.1 to 72	57	47	40	36	51	42	36	32	53	46	38	32	89	75	59	46
72.1 to 73	57	46	40	36	51	41	36	32	53	46	38	32	89	75	59	46
73.1 to 74	57	46	40	35	50	41	36	32	53	46	38	32	89	75	59	46
74.1 to 75	57	46	40	35	50	41	35	31	52	45	37	31	89	75	59	46
75.1 to 76	56	46	39	35	50	40	35	31	52	45	37	31	89	75	59	46
76.1 to 77	56	45	39	35	50	40	35	31	52	45	37	31	89	75	59	46

Table 5.5: School Progress, Part B: Relative Performance Lookup Tables (continued)

% Economically Disadvantaged	Elementary School Scaled Score				Middle School Scaled Score				High School/K-12 (STAAR) Scaled Score				High School/K-12 (CCMR) Scaled Score			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
77.1 to 78	56	45	39	35	49	40	35	31	52	45	37	31	89	75	59	46
78.1 to 79	56	45	39	34	49	40	34	30	52	45	37	31	89	75	59	46
79.1 to 80	56	45	39	34	49	40	34	30	52	45	37	31	89	75	59	46
80.1 to 81	55	45	38	34	49	39	34	30	52	45	37	31	88	75	58	45
81.1 to 82	55	44	38	34	48	39	34	30	52	45	37	31	88	75	58	45
82.1 to 83	55	44	38	34	48	39	33	29	52	45	37	31	88	75	58	45
83.1 to 84	55	44	38	33	48	39	33	29	52	45	37	31	88	75	58	45
84.1 to 85	55	44	38	33	48	38	33	29	52	45	37	31	88	75	58	45
85.1 to 86	55	44	38	33	48	38	33	29	52	45	37	31	88	75	58	45
86.1 to 87	54	44	37	33	47	38	33	29	52	45	37	31	88	75	58	45
87.1 to 88	54	44	37	33	47	38	33	29	52	45	37	31	88	75	58	45
88.1 to 89	54	43	37	33	47	38	32	28	52	45	37	31	88	75	58	45
89.1 to 90	54	43	37	33	47	38	32	28	52	45	37	31	88	75	58	45
90.1 to 91	54	43	37	32	47	37	32	28	52	45	37	31	87	75	57	44
91.1 to 92	54	43	37	32	47	37	32	28	52	45	37	31	87	75	57	44
92.1 to 93	54	43	37	32	47	37	32	28	52	45	37	31	87	75	57	44
93.1 to 94	53	43	37	32	46	37	32	28	52	45	37	31	87	75	57	44
94.1 to 95	53	43	36	32	46	37	31	27	52	45	37	31	87	75	57	44
95.1 to 96	53	43	36	32	46	37	31	27	52	45	37	31	87	75	57	44
96.1 to 97	53	43	36	32	46	37	31	27	52	45	37	31	87	75	57	44
97.1 to 98	53	42	36	32	46	37	31	27	52	45	37	31	87	75	57	44
98.1 to 99	53	42	36	32	46	36	31	27	52	45	37	31	87	75	57	44
99.1 to 100	53	42	36	32	46	36	31	27	52	45	37	31	87	75	57	44

Table 5.6: School Progress, Part B: AEA Retest Growth Lookup Tables

Alternative Education Campus	
Retest Growth Score	Retest Growth Scaled Score
100	100
99	100
98	100
97	99
96	99
95	99
94	99
93	98
92	98
91	98
90	98
89	97
88	97
87	97
86	97
85	96
84	96
83	96
82	96
81	95
80	95
79	95
78	95
77	94
76	94
75	94
74	94
73	93
72	93

Table 5.6: School Progress, Part B: AEA Retest Growth Lookup Tables (continued)

Alternative Education Campus	
Retest Growth Score	Retest Growth Scaled Score
71	93
70	93
69	92
68	92
67	92
66	92
65	91
64	91
63	91
62	91
61	90
60	90
59	90
58	89
57	88
56	88
55	87
54	86
53	86
52	85
51	85
50	84
49	83
48	83
47	82
46	81
45	81
44	80
43	79

Table 5.6: School Progress, Part B: AEA Retest Growth Lookup Tables (continued)

Alternative Education Campus	
Retest Growth Score	Retest Growth Scaled Score
42	78
41	77
40	76
39	75
38	73
37	72
36	71
35	70
34	69
33	68
32	66
31	65
30	63
29	62
28	60
27	59
26	58
25	57
24	56
23	55
22	54
21	53
20	51
19	50
18	49
17	48
16	47
15	46
14	45

Table 5.6: School Progress, Part B: AEA Retest Growth Lookup Tables (continued)

Alternative Education Campus	
Retest Growth Score	Retest Growth Scaled Score
13	44
12	43
11	42
10	41
9	40
8	39
7	38
6	36
5	35
4	34
3	33
2	32
1	31
0	30