



Panorama's Adjusted Scores for Readability Content Updates

User Guide

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Introduction

Background

With the goal of improving the readability of student surveys, Panorama's Research Team has led a purposeful and extensive process to revise specific survey content based on feedback from clients, content experts, and student interviews. Based on over ten years of feedback, Panorama piloted revised content with over 146,000 students in nearly 100 districts across the country to focus on making student survey content easier for students to understand.

As a part of the pilot process, Panorama conducted an updated literature review on best practices for surveying young students and reviewed survey items to identify questions that were challenging for younger students. Practitioner interviews were conducted across teachers, reading specialists, and literacy coaches to identify and test updates.

As a result of the survey content updates, some schools observed changes to their survey scores. This guide provides information about how survey scores from updated survey content align with scores from content used historically. Each table shows "Actual Scores" (non-adjusted student scores) alongside "Adjusted Scores," which allow for comparison consistency between historical content and content that has been updated to ensure readability.

Why Adjusted Scores?

The adjusted scores make it easier to interpret results by aligning different survey versions over time. This helps ensure that scores remain comparable year over year, even though updates to content have been put into place.

How Adjusted Scores Are Calculated

Equipercentile equating is a statistical method that makes survey scores from different time points directly comparable by aligning their percentile ranks.

Who Uses This Method?

Educational Testing Service (ETS):

ETS, administers exams like the GRE and TOEFL, [applies equipercentile equating to adjust for test form differences across administrations](#). This helps ensure that scores are comparable regardless of slight variations in test difficulty.

College Board (SAT):

The SAT uses [equipercentile equating to align scores](#) across different versions of the test, ensuring consistency in score interpretation. Given the SAT's frequent administration, equipercentile adjustments help account for any form difficulty differences while maintaining the reliability of percentile ranks for college admissions decisions.

How to Use This Guide

1. Select Your Topic

Start by choosing the relevant topic and grade levels from the Table of Contents.

2. Find the Actual Score

Locate your topic's score in the "Actual Score" column of the table.

3. See the Adjusted Score

Look at the corresponding "Adjusted Score" in the next column. This adjusted score can be compared directly to scores from before readability updates were put in place.

Emotion Regulation

Grades 3-5

Actual score	Adjusted score
32*	34
33	36
34	37
35	38
36	38
37	39
38	40
39	41
40	42
41	43

Actual score	Adjusted score
42	45
43	46
44	47
45	48
46	48
47	49
48	50
49	51
50	52
51	53

Actual score	Adjusted score
52	54
53	55
54	56
55	56
56	58
57	59
58	60
59	60
60*	62

*This guide shows the typical range of scores observed across the nation. If you have any questions about how to adjust a score not displayed here, please contact us at support@panoramaed.com.

Emotion Regulation

Grades 6-12

Actual score	Adjusted score
30*	32
31	34
32	36
33	36
34	37
35	38
36	39
37	39
38	41
39	42
40	42
41	44

Actual score	Adjusted score
42	44
43	45
44	46
45	47
46	48
47	49
48	50
49	50
50	51
51	52
52	53
53	53

Actual score	Adjusted score
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	62
64*	64

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Grit (updated to Perseverance)

Grades 3-5

Actual score	Adjusted score
47*	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55

Actual score	Adjusted score
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64

Actual score	Adjusted score
65	65
66	66
67	67
68	69
69	69
70	70
71	72
72	74
73*	75

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Grit (updated to Perseverance)

Grades 6-12

Actual score	Adjusted score
43*	43
44	44
45	44
46	45
47	45
48	46
49	46
50	47
51	48
52	50

Actual score	Adjusted score
53	51
54	52
55	53
56	54
57	55
58	56
59	57
60	58
61	59
62	60

Actual score	Adjusted score
63	61
64	62
65	63
66	63
67	65
68	66
69	70
70	70
71*	71

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Growth Mindset

Grades 3-5

Actual score	Adjusted score
35*	46
36	47
37	47
38	48
39	50
40	50
41	51
42	51
43	52
44	53
45	54

Actual score	Adjusted score
46	55
47	56
48	57
49	57
50	58
51	59
52	61
53	62
54	63
55	64

Actual score	Adjusted score
56	64
57	66
58	67
59	69
60	69
61	70
62	72
63	73
64	73
65*	77

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Growth Mindset

Grades 6-12

Actual score	Adjusted score
29*	38
30	41
31	42
32	42
33	43
34	44
35	44
36	45
37	46
38	46
39	47

Actual score	Adjusted score
40	47
41	48
42	49
43	49
44	50
45	51
46	51
47	52
48	53
49	54
50	55

Actual score	Adjusted score
51	56
52	56
53	58
54	59
55	61
56	62
57	63
58	67
59	67
60*	70

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Sense of Belonging

Grades 3-5

Actual score	Adjusted score
48*	53
49	54
50	55
51	57
52	58
53	59
54	61
55	61
56	62
57	64
58	64

Actual score	Adjusted score
59	65
60	66
61	67
62	68
63	69
64	70
65	71
66	73
67	74
68	74
69	76

Actual score	Adjusted score
70	76
71	77
72	78
73	79
74	80
75	81
76	81
77	83
78	83
79*	85

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Sense of Belonging

Grades 6-12

Actual score	Adjusted score
31*	26
32	28
33	29
34	30
35	31
36	31
37	33
38	33
39	34
40	36
41	37
42	38
43	39
44	40
45	41

Actual score	Adjusted score
46	42
47	43
48	44
49	45
50	46
51	47
52	48
53	50
54	51
55	52
56	52
57	53
58	54
59	55
60	56

Actual score	Adjusted score
61	57
62	59
63	59
64	60
65	61
66	62
67	64
68	64
69	65
70	68
71	68
72	69
73	69
74	69
75*	71

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School Climate

Grades 3-5

Actual score	Adjusted score
38*	43
39	46
40	46
41	47
42	47
43	48
44	49
45	51
46	52
47	53
48	54
49	55
50	55
51	56
52	57

Actual score	Adjusted score
53	58
54	59
55	60
56	60
57	61
58	62
59	63
60	64
61	65
62	66
63	67
64	68
65	69
66	70
67	71

Actual score	Adjusted score
68	72
69	74
70	75
71	76
72	76
73	77
74	78
75	79
76	80
77	81
78	83
79	84
80	84
81*	88

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School Climate

Grades 6-12

Actual score	Adjusted score
21*	27
22	28
23	28
24	30
25	30
26	31
27	31
28	32
29	33
30	33
31	34
32	36
33	37
34	37
35	38

Actual score	Adjusted score
36	40
37	41
38	43
39	44
40	45
41	47
42	48
43	49
44	50
45	51
46	52
47	53
48	53
49	55
50	55

Actual score	Adjusted score
51	56
52	57
53	58
54	58
55	59
56	61
57	62
58	63
59	64
60	65
61	67
62	67
63	68
64	68
65	69

Actual score	Adjusted score
66	70
67	72
68	74
69	74
70	75
71	75
72	77
73	77
74	79
75	79
76	79
77	80
78	80
79	80
80*	82

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School Engagement

Grades 3-5

Actual score	Adjusted score
38*	35
39	40
40	44
41	45
42	46
43	46
44	47
45	48
46	50
47	51
48	52

Actual score	Adjusted score
49	53
50	54
51	57
52	62
53	63
54	63
55	63
56	63
57	65
58	67
59	67

Actual score	Adjusted score
60	68
61	69
62	70
63	70
64	71
65	72
66	72
67	74
68	74
69	74
70*	78

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School Engagement

Grades 6-12

Actual score	Adjusted score
17*	16
18	18
19	19
20	21
21	22
22	23
23	23
24	25
25	26
26	26
27	27

Actual score	Adjusted score
28	28
29	29
30	30
31	31
32	33
33	34
34	35
35	38
36	39
37	40
38	40

Actual score	Adjusted score
39	42
40	43
41	43
42	46
43	48
44	49
45	49
46	52
47	54
48	54
49*	58

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School Rigorous Expectations

Grades 3-5

Actual score	Adjusted score
63*	68
64	69
65	70
66	72
67	72
68	73
69	74
70	75
71	76
72	77

Actual score	Adjusted score
73	78
74	78
75	79
76	80
77	80
78	81
79	82
80	83
81	84
82	85

Actual score	Adjusted score
83	86
84	87
85	87
86	88
87	89
88	91
89	92
90	92
91*	94

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School Rigorous Expectations

Grades 6-12

Actual score	Adjusted score
44*	46
45	48
46	49
47	51
48	51
49	52
50	52
51	53
52	54
53	55
54	55
55	57
56	58
57	59
58	60

Actual score	Adjusted score
59	62
60	63
61	63
62	64
63	65
64	66
65	68
66	70
67	72
68	73
69	73
70	74
71	75
72	75

Actual score	Adjusted score
73	76
74	77
75	78
76	79
77	79
78	79
79	79
80	80
81	80
82	83
83	88
84	88
85	88
86*	89

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School Teacher-Student Relationships

Grades 3-5

Actual score	Adjusted score
53*	62
54	63
55	64
56	65
57	65
58	65
59	65
60	66
61	66
62	67
63	68

Actual score	Adjusted score
64	69
65	70
66	70
67	72
68	73
69	75
70	76
71	76
72	78
73	78
74	79

Actual score	Adjusted score
75	80
76	81
77	82
78	82
79	83
80	83
81	84
82	86
83	87
84*	88

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School Teacher-Student Relationships

Grades 6-12

Actual score	Adjusted score
33*	36
34	37
35	37
36	40
37	40
38	41
39	41
40	42
41	43
42	44
43	45
44	47
45	48
46	49
47	51

Actual score	Adjusted score
48	52
49	53
50	54
51	56
52	58
53	59
54	60
55	61
56	62
57	64
58	65
59	66
60	67
61	68
62	69

Actual score	Adjusted score
63	70
64	71
65	73
66	74
67	75
68	77
69	78
70	79
71	79
72	81
73	81
74	81
75	83
76	83
77*	85

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Self-Efficacy

Grades 3-5

Actual score	Adjusted score
34*	41
35	43
36	44
37	45
38	46
39	47
40	48
41	49
42	50
43	51
44	52
45	53
46	54

Actual score	Adjusted score
47	55
48	56
49	57
50	58
51	59
52	60
53	60
54	62
55	62
56	64
57	64
58	65

Actual score	Adjusted score
59	66
60	67
61	68
62	69
63	70
64	71
65	73
66	75
67	75
68	75
69	75
70*	78

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Self-Efficacy

Grades 6-12

Actual score	Adjusted score
26*	31
27	33
28	33
29	33
30	34
31	35
32	36
33	37
34	38
35	39
36	41
37	42
38	43
39	43

Actual score	Adjusted score
40	44
41	46
42	46
43	47
44	48
45	49
46	50
47	51
48	52
49	53
50	54
51	55
52	56

Actual score	Adjusted score
53	57
54	58
55	58
56	59
57	60
58	62
59	63
60	63
61	65
62	66
63	69
64	69
65*	73

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Self-Management

Grades 3-5

Actual score	Adjusted score
55*	52
56	54
57	55
58	56
59	57
60	59
61	60
62	61
63	62
64	62
65	63

Actual score	Adjusted score
66	65
67	66
68	66
69	67
70	69
71	69
72	70
73	71
74	72
75	73
76	74

Actual score	Adjusted score
77	75
78	76
79	77
80	78
81	79
82	80
83	81
84	82
85	83
86	83
87*	85

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Self-Management

Grades 6-12

Actual score	Adjusted score
55*	52
56	55
57	55
58	57
59	57
60	59
61	59
62	60
63	61
64	62
65	63
66	63

Actual score	Adjusted score
67	65
68	66
69	67
70	68
71	68
72	70
73	70
74	72
75	72
76	73
77	74

Actual score	Adjusted score
78	75
79	76
80	77
81	78
82	79
83	80
84	81
85	82
86	83
87	84
88*	85

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Social Awareness

Grades 3-5

Actual score	Adjusted score
48*	54
49	56
50	56
51	57
52	58
53	59
54	61
55	62
56	63
57	64

Actual score	Adjusted score
58	65
59	66
60	67
61	68
62	69
63	70
64	71
65	72
66	73
67	73

Actual score	Adjusted score
68	74
69	75
70	76
71	77
72	78
73	80
74	81
75	81
76*	83

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Social Awareness

Grades 6-12

Actual score	Adjusted score
38*	43
39	45
40	45
41	47
42	48
43	49
44	50
45	51
46	51
47	52
48	53
49	54
50	55

Actual score	Adjusted score
51	56
52	57
53	58
54	59
55	60
56	61
57	61
58	63
59	63
60	65
61	66
62	66
63	67

Actual score	Adjusted score
64	68
65	69
66	70
67	71
68	72
69	73
70	74
71	75
72	76
73	76
74	78
75	78
76*	80

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