

Core Subject Performance Index Calculation: SAMPLE

ELA Performance Index: Core Subject

2018 ELA Performance Index								
Continuously Enrolled Tested & Not Tested (e)	95% of Continuously Enrolled Tested & Not Tested (f)	Continuously Enrolled & Tested (g)	Greater of (f) and (g)	Level 1	Level 2	Level 3	Level 4	Estimated Core Subject Performance Index
164	156	134	156	55	61	13	5	74.25

$$PI = \frac{[L2 + (2 \times L3) + (2.5 \times L4)]}{\text{number of continuously enrolled students who are tested}} \times 100$$

Step 1: Input numbers of students who achieved Levels 2, 3 and 4 into the numerator of the formula. Input column (g) into the denominator.

$$PI = \frac{[61 + (2 \times 13) + (2.5 \times 5)]}{134} \times 100$$

Step 2: Multiply the students who achieved level 3 by 2. Multiply the students who achieved Level 4 by 2.5.

$$PI = \frac{[61 + (26) + (12.5)]}{134} \times 100$$

Step 3: Add the numbers in the numerator. Divide this by the number in the denominator. Multiply the answer by 100. This is your PI score.

$$PI = \frac{[99.5]}{134} \times 100 = 74.25$$

ELA Performance Index (PI) : 74.25

District: _____

School: _____

Subgroup: _____

Math Performance Index: Core Subject

2018 Math Performance Index								
Continuously Enrolled Tested & Not Tested (e)	95% of Continuously Enrolled Tested & Not Tested (f)	Continuously Enrolled & Tested (g)	Greater of (f) and (g)	Level 1	Level 2	Level 3	Level 4	Estimated Core Subject Performance Index
164	156	131	156	81	38	9	3	48.47

$$PI = \frac{[L2 + (2 \times L3) + (2.5 \times L4)]}{\text{number of continuously enrolled students who are tested}} \times 100$$

Step 1: Input numbers of students who achieved Levels 2, 3 and 4 into the numerator of the formula. Input column (g) into the denominator.

$$PI = \frac{[38 + (2 \times 9) + (2.5 \times 3)]}{131} \times 100$$

Step 2: Multiply the students who achieved level 3 by 2. Multiply the students who achieved Level 4 by 2.5.

$$PI = \frac{[38 + (18) + (7.5)]}{131} \times 100$$

Step 3: Add the numbers in the numerator. Divide this by the number in the denominator. Multiply the answer by 100. This is your PI score.

$$PI = \frac{[63.5]}{131} \times 100 = 48.47$$

Math Performance Index (PI) : 48.47

District: _____

School: _____

Subgroup: _____

Science Performance Index: Core Subject

2018 Science Performance Index								
Continuously Enrolled Tested & Not Tested (a)	95% of Continuously Enrolled Tested & Not Tested (b)	Continuously Enrolled & Tested (c)	Greater of (b) and (c)	Level 1	Level 2	Level 3	Level 4	Estimated Core Subject Performance Index
84	80	68	80	16	25	25	2	117.65

$$PI = \frac{[L2 + (2 \times L3) + (2.5 \times L4)]}{\text{number of continuously enrolled students who are tested}} \times 100$$

Step 1: Input numbers of students who achieved Levels 2, 3 and 4 into the numerator of the formula. Input column (c) into the denominator.

$$PI = \frac{[25 + (2 \times 25) + (2.5 \times 2)]}{68} \times 100$$

Step 2: Multiply the students who achieved level 3 by 2. Multiply the students who achieved Level 4 by 2.5.

$$PI = \frac{[25 + (50) + (5)]}{68} \times 100$$

Step 3: Add the numbers in the numerator. Divide this by the number in the denominator. Multiply the answer by 100. This is your PI score.

$$PI = \frac{[80]}{68} \times 100 = 117.65$$

Science Performance Index (PI) : 117.65

District: _____

School: _____

Subgroup: _____

Core Subject Performance Index:

$$CSP = \frac{ELA [L2 + (2xL3) + (2.5xL4)] + Math [L2 + (2xL3) + (2.5xL4)] + Science [L2 + (2xL3) + (2.5xL4)]}{ELA Denominator + Math Denominator + Science Denominator} \times 100$$

Directions: Input all information for ELA, Math and Science. For “Numerator”, input the numerator from step 3 for each calculation. For “Denominator” input the denominator from step 3 for each calculation. For “Performance Index”, write your calculated PI for each subject. Once all boxes for ELA, Math and Science are completed, add the numerators and the denominators. Divide the total numerator over the total denominator and multiply by 100. This is your Core Subject Performance Index.

Core Subject Performance Index										
Subject	95% of Continuously Enrolled Tested & Not Tested (a)	Continuously Enrolled & Tested (b)	Column (b)	Level 1	Level 2	Level 3	Level 4	Numerator (Step 3)	Denominator (Step 3)	Performance Index (PI) (N/D) x 100
ELA	156	134	134	55	61	13	5	99.5	134	74.25
Math	156	131	131	81	38	9	3	63.5	131	48.47
Science	80	68	68	16	25	25	2	80	68	117.65
							SUM	243	333	72.97 (C.S.P.)

Core Subject Performance Index: 73

The WAA and CSP are then used to calculate the Composite Performance Achievement Rank and Level. See columns 15-32 in your Accountability Report.