

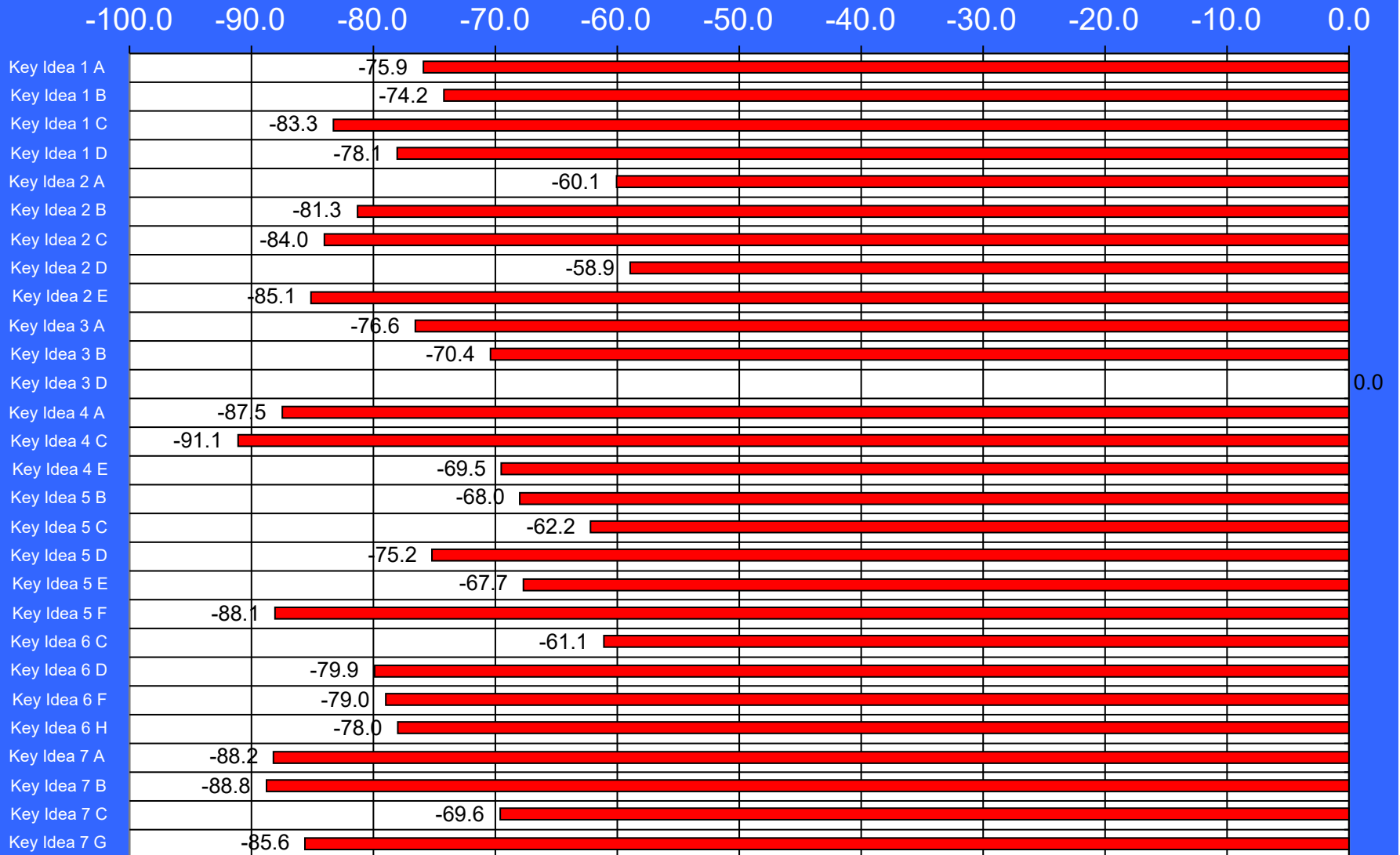
1999 - 2001 Math 4 Assessment Comparisons

| | Multiple Choice Questions | | | | Session 1 Questions | | | | Session 2 Questions | | | | Average % Difference | Total # of Questions | Weighted Average % Difference |
|--------------|---------------------------|-----------------|------------|----|-----------------------|-----------------|------------|---|-----------------------|-----------------|------------|-------|----------------------|----------------------|-------------------------------|
| | Your School % Correct | BOCES % Correct | Difference | # | Your School % Correct | BOCES % Correct | Difference | # | Your School % Correct | BOCES % Correct | Difference | # | | | |
| | # | | | | # | | | | # | | | | | | |
| Key Idea 1 A | 4 | 75.9 | -75.9 | 1 | 51.5 | | 0 | | | | | -75.9 | 5 | -379.5 | |
| Key Idea 1 B | 1 | 75.9 | -75.9 | 1 | 75.9 | -75.9 | 1 | | 70.9 | -70.9 | | -74.2 | 3 | -222.6 | |
| Key Idea 1 C | 0 | | | 0 | | | 1 | | 83.3 | -83.3 | | -83.3 | 1 | -83.3 | |
| Key Idea 1 D | 4 | 79.7 | -79.7 | 2 | 76.4 | -76.4 | 0 | | | | | -78.1 | 6 | -468.6 | |
| Key Idea 2 A | 5 | 76.4 | -76.4 | 0 | | | 3 | | 43.7 | -43.7 | | -60.1 | 8 | -480.8 | |
| Key Idea 2 B | 3 | 81.3 | -81.3 | 2 | 63.7 | | 0 | | | | | -81.3 | 5 | -406.5 | |
| Key Idea 2 C | 11 | 76.5 | -76.5 | 1 | 91.5 | -91.5 | 1 | | 76.8 | | | -84.0 | 13 | -1092.0 | |
| Key Idea 2 D | 3 | 80.3 | -80.3 | 1 | 37.6 | -37.6 | 0 | | | | | -58.9 | 4 | -235.6 | |
| Key Idea 2 E | 2 | 79.8 | -79.8 | 1 | 90.4 | -90.4 | 0 | | | | | -85.1 | 3 | -255.3 | |
| Key Idea 3 A | 7 | 89.7 | -89.7 | 3 | 73.0 | -73.0 | 4 | | 67.0 | -67.0 | | -76.6 | 14 | -1072.4 | |
| Key Idea 3 B | 8 | 87.5 | -87.5 | 2 | 60.3 | -60.3 | 4 | | 63.4 | -63.4 | | -70.4 | 14 | -985.6 | |
| Key Idea 3 D | 0 | | | 0 | | 0.0 | 2 | | 85.0 | | | 0.0 | 2 | 0.0 | |
| Key Idea 4 A | 0 | | | 1 | 86.4 | -86.4 | 2 | | 88.5 | -88.5 | | -87.5 | 3 | -262.5 | |
| Key Idea 4 C | 2 | 92.1 | -92.1 | 1 | 90.1 | -90.1 | 0 | | | | | -91.1 | 3 | -273.3 | |
| Key Idea 4 E | 4 | 80.8 | -80.8 | 1 | 82.1 | -82.1 | 1 | | 45.7 | -45.7 | | -69.5 | 6 | -417.0 | |
| Key Idea 5 B | 3 | 68 | -68 | 0 | | | 0 | | | | | -68.0 | 3 | -204.0 | |
| Key Idea 5 C | 1 | 85.4 | -85.4 | 0 | | | 2 | | 39.0 | -39.0 | | -62.2 | 3 | -186.6 | |
| Key Idea 5 D | 3 | 80.4 | -80.4 | 0 | | | 2 | | 70.0 | -70.0 | | -75.2 | 5 | -376.0 | |
| Key Idea 5 E | 0 | | | 0 | | | 1 | | 67.7 | -67.7 | | -67.7 | 1 | -67.7 | |
| Key Idea 5 F | 5 | 91.9 | -91.9 | 3 | 80.7 | -80.7 | 1 | | 91.6 | -91.6 | | -88.1 | 9 | -792.9 | |
| Key Idea 6 C | 4 | 61.1 | -61.1 | 0 | | | 0 | | | | | -61.1 | 4 | -244.4 | |
| Key Idea 6 D | 7 | 79.9 | -79.9 | 0 | | | 0 | | | | | -79.9 | 7 | -559.3 | |
| Key Idea 6 F | 1 | 76.1 | -76.1 | 1 | 81.9 | -81.9 | 0 | | | | | -79.0 | 2 | -158.0 | |
| Key Idea 6 H | 0 | | | 2 | 78.0 | -78.0 | 0 | | | | | -78.0 | 2 | -156.0 | |
| Key Idea 7 A | 4 | 88.2 | -88.2 | 1 | 75.4 | | 0 | | | | | -88.2 | 5 | -441.0 | |
| Key Idea 7 B | 2 | 93 | -93 | 2 | 84.5 | -84.5 | 0 | | | | | -88.8 | 4 | -355.2 | |
| Key Idea 7 C | 1 | 69.6 | -69.6 | 0 | | | 1 | | 81.6 | | | -69.6 | 2 | -139.2 | |
| Key Idea 7 G | 5 | 85.9 | -85.9 | 1 | 79.3 | -79.3 | 1 | | 91.7 | -91.7 | | -85.6 | 7 | -599.2 | |
| Totals: | 90 | | -80.7 | 27 | | -73.0 | 27 | | | -91.7 | | | 144 | | |

1999 - 2000 Math 4 Cohort Comparisons

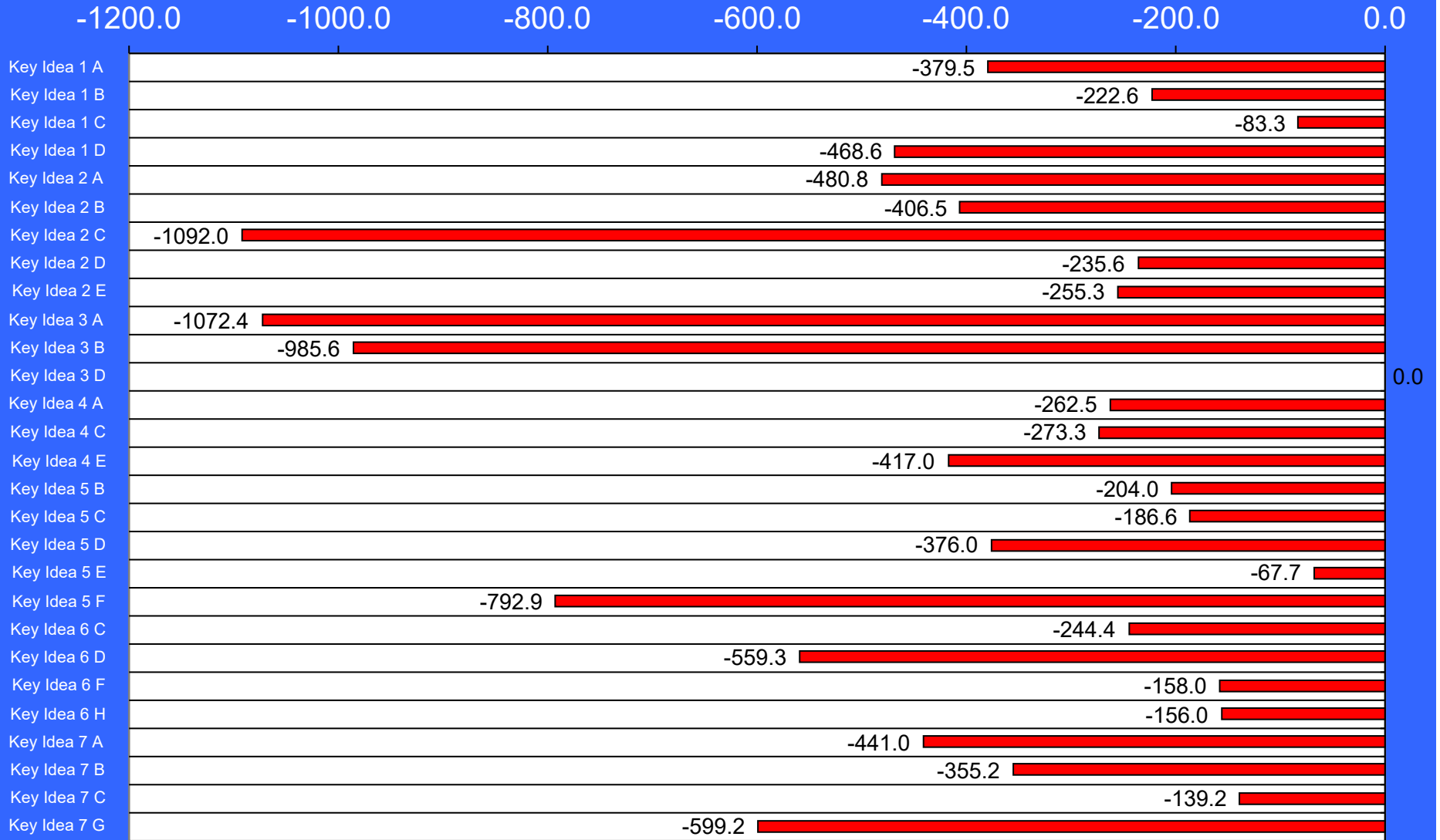
| | SPI Comparison by Cohort | | | | | |
|---|--------------------------|------|------------|-------------|------|------------|
| | 1999 | | | 2000 | | |
| | Your School | GV | Difference | Your School | GV | Difference |
| Key Idea 1 - Mathematical Reasoning | | 72 | -72 | | 82 | -82 |
| Key Idea 2 - Number and Numeration | | 74 | -74 | | 65 | -65 |
| Key Idea 3 - Operations | | 69 | -69 | | 78 | -78 |
| Key Idea 4 - Modeling/Multiple Representation | | 71 | -71 | | 88 | -88 |
| Key Idea 5 - Measurement | | 77 | -77 | | 71 | -71 |
| Key Idea 6 - Uncertainty | | 70 | -70 | | 77 | -77 |
| Key Idea 7 - Patterns/Functions | | 85 | -85 | | 84 | -84 |
| Averages: | #DIV/0! | 74.0 | -74.0 | #DIV/0! | 77.9 | -77.9 |

Average % Comparison of Key Idea Subskills for Math 4 1999 - 2001



This graph compares your students performance on the Math 4 exams to all schools in the BOCES region for 1999 and 2000.

Weighted Average % Comparison of Key Idea Subskills for Math 4 1999 - 2001



This graph compares your students performance on the Math 4 exams to all schools in the BOCES region for 1999 and 2000. Percentage differences are multiplied by the number of times questions asked in the two years in each key idea.

Math 4 Cohort Comparison of Standard Performance Indicators

SPI Difference Between Our Students and All GV Students

