

2005 Hasbrouck & Tindal Oral Reading Fluency Data

Jan Hasbrouck and Gerald Tindal completed an extensive study of oral reading fluency in 2004. The results of their study are published in a technical report entitled, "Oral Reading Fluency: 90 Years of Measurement," which is available on the University of Oregon's website, brt.uoregon.edu/tech_reports.htm.

This table shows the oral reading fluency rates of students in grades 1 through 8 as determined by Hasbrouck and Tindal's data.

You can use the information in this table to draw conclusions and make decisions about the oral reading fluency of your students. **Students scoring below the 50th percentile using the average score of two unpracticed readings from grade-level materials need a fluency-building program.** In addition, teachers can use the table to set the long-term fluency goals for their struggling readers.

Average weekly improvement is the average words per week growth you can expect from a student. It was calculated by subtracting the fall score from the spring score and dividing the difference by 32, the typical number of weeks between the fall and spring assessments. For grade 1, since there is no fall assessment, the average weekly improvement was calculated by subtracting the winter score from the spring score and dividing the difference by 16, the typical number of weeks between the winter and spring assessments.

| Grade | Percentile | Fall WCPM* | Winter WCPM* | Spring WCPM* | Avg. Weekly Improvement** |
|-------|------------|------------|--------------|--------------|---------------------------|
| 1 | 90 | | 81 | 111 | 1.9 |
| | 75 | | 47 | 82 | 2.2 |
| | 50 | | 23 | 53 | 1.9 |
| | 25 | | 12 | 28 | 1.0 |
| | 10 | | 6 | 15 | 0.6 |
| 2 | 90 | 106 | 125 | 142 | 1.1 |
| | 75 | 79 | 100 | 117 | 1.2 |
| | 50 | 51 | 72 | 89 | 1.2 |
| | 25 | 25 | 42 | 61 | 1.1 |
| | 10 | 11 | 18 | 31 | 0.6 |

*WCPM = Words Correct Per Minute

| Grade | Percentile | Fall WCPM* | Winter WCPM* | Spring WCPM* | Avg. Weekly Improvement** |
|-------|------------|------------|--------------|--------------|---------------------------|
| 3 | 90 | 128 | 146 | 162 | 1.1 |
| | 75 | 99 | 120 | 137 | 1.2 |
| | 50 | 71 | 92 | 107 | 1.1 |
| | 25 | 44 | 62 | 78 | 1.1 |
| | 10 | 21 | 36 | 48 | 0.8 |
| 4 | 90 | 145 | 166 | 180 | 1.1 |
| | 75 | 119 | 139 | 152 | 1.0 |
| | 50 | 94 | 112 | 123 | 0.9 |
| | 25 | 68 | 87 | 98 | 0.9 |
| | 10 | 45 | 61 | 72 | 0.8 |
| 5 | 90 | 166 | 182 | 194 | 0.9 |
| | 75 | 139 | 156 | 168 | 0.9 |
| | 50 | 110 | 127 | 139 | 0.9 |
| | 25 | 85 | 99 | 109 | 0.8 |
| | 10 | 61 | 74 | 83 | 0.7 |
| 6 | 90 | 177 | 195 | 204 | 0.8 |
| | 75 | 153 | 167 | 177 | 0.8 |
| | 50 | 127 | 140 | 150 | 0.7 |
| | 25 | 98 | 111 | 122 | 0.8 |
| | 10 | 68 | 82 | 93 | 0.8 |
| 7 | 90 | 180 | 192 | 202 | 0.7 |
| | 75 | 156 | 165 | 177 | 0.7 |
| | 50 | 128 | 136 | 150 | 0.7 |
| | 25 | 102 | 109 | 123 | 0.7 |
| | 10 | 79 | 88 | 98 | 0.6 |
| 8 | 90 | 185 | 199 | 199 | 0.4 |
| | 75 | 161 | 173 | 177 | 0.5 |
| | 50 | 133 | 146 | 151 | 0.6 |
| | 25 | 106 | 115 | 124 | 0.6 |
| | 10 | 77 | 84 | 97 | 0.6 |

**Average words per week growth