# Hasbrouck & Tindal **Oral Reading Fluency Data** 2017

This table shows the oral reading fluency rates of students in grades 1 through 6, based on an extensive study by Jan Hasbrouck and Gerald Tindal that was completed in 2017. The results of their study are published in a technical report entitled, "An update to compiled ORF norms," which is available on these websites:

- **ERIC website:** eric.ed.gov/?id=ED594994
- **BRT website:** www.brtprojects.org/publications/technical-reports

This table can help you assess the oral reading fluency of your students relative to their peers. Students scoring 10 or more words below the 50th percentile using the average score of two unpracticed readings from grade-level materials need a fluency-building program. Teachers can also use the table to set long-term fluency goals for struggling readers.

## Related information:

- **Essential Components of Reading:** readnaturally.com/components
- **Correlation Between Oral Reading Fluency and Overall Reading Achievement:** readnaturally.com/correlation
- **Read Naturally Tools for Assessing Fluency:** readnaturally.com/assessment-tools
- **Read Naturally Intervention Programs That Develop Fluency:** readnaturally.com/fluency-interventions

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| Grade | Percentile | Fall WCPM* | Winter WCPM* | Spring WCPM* | Avg. Weekly Improvement** |
|---|---|---|---|---|---|
| 1 | 90 |  | 97 | 116 | 1.2 |
|  | 75 |  | 59 | 91 | 2.0 |
|  | 50 |  | 29 | 60 | 1.9 |
|  | 25 |  | 16 | 34 | 1.1 |
|  | 10 |  | 9 | 18 | 0.5 |
| 2 | 90 | 111 | 131 | 148 | 1.2 |
|  | 75 | 84 | 109 | 124 | 1.3 |
|  | 50 | 50 | 84 | 100 | 1.6 |
|  | 25 | 36 | 59 | 72 | 1.1 |
|  | 10 | 23 | 35 | 43 | 0.6 |
| 3 | 90 | 134 | 161 | 166 | 1.0 |
|  | 75 | 104 | 137 | 139 | 1.1 |
|  | 50 | 83 | 97 | 112 | 0.9 |
|  | 25 | 59 | 79 | 91 | 1.0 |
|  | 10 | 40 | 62 | 63 | 0.7 |
| 4 | 90 | 153 | 168 | 184 | 1.0 |
|  | 75 | 125 | 143 | 160 | 1.1 |
|  | 50 | 94 | 120 | 133 | 1.2 |
|  | 25 | 75 | 95 | 105 | 0.9 |
|  | 10 | 60 | 71 | 83 | 0.7 |
| 5 | 90 | 179 | 183 | 195 | 0.5 |
|  | 75 | 153 | 160 | 169 | 0.5 |
|  | 50 | 121 | 133 | 146 | 0.8 |
|  | 25 | 87 | 109 | 119 | 1.0 |
|  | 10 | 64 | 84 | 102 | 1.9 |
| 6 | 90 | 185 | 195 | 204 | 0.6 |
|  | 75 | 159 | 166 | 173 | 0.4 |
|  | 50 | 132 | 145 | 146 | 0.3 |
|  | 25 | 112 | 116 | 122 | 0.3 |
|  | 10 | 89 | 91 | 91 | 0.1 |

*WCPM = Words Correct Per Minute       **Average words per week growth