

Attachment 6: ORAL READING FLUENCY NORMS 2005

| | | FALL | WINTER | SPRING |
|----------|------------|-------|--------|--------|
| GRADE | PERCENTILE | WCPM | WCPM | WCPM |
| 1 | 90 | | 81 | 111 |
| | 75 | | 47 | 82 |
| | 50 | | 23 | 53 |
| | 25 | | 12 | 28 |
| | 10 | | 6 | 15 |
| | SD | | 32 | 39 |
| | Count | | 16950 | 19434 |
| 2 | 90 | 106 | 125 | 142 |
| | 75 | 79 | 100 | 117 |
| | 50 | 51 | 72 | 89 |
| | 25 | 25 | 42 | 61 |
| | 10 | 11 | 18 | 31 |
| | SD | 37 | 41 | 42 |
| | Count | 15896 | 18229 | 20128 |
| 3 | 90 | 128 | 146 | 162 |
| | 75 | 99 | 120 | 137 |
| | 50 | 71 | 92 | 107 |
| | 25 | 44 | 62 | 78 |
| | 10 | 21 | 36 | 48 |
| | SD | 40 | 43 | 44 |
| | Count | 16988 | 17383 | 18372 |
| 4 | 90 | 145 | 166 | 180 |
| | 75 | 119 | 139 | 152 |
| | 50 | 94 | 112 | 123 |
| | 25 | 68 | 87 | 98 |
| | 10 | 45 | 61 | 72 |
| | SD | 40 | 41 | 43 |
| | Count | 16523 | 14572 | 16269 |
| 5 | 90 | 166 | 182 | 194 |
| | 75 | 139 | 156 | 168 |
| | 50 | 110 | 127 | 139 |
| | 25 | 85 | 99 | 109 |
| | 10 | 61 | 74 | 83 |
| | SD | 45 | 44 | 45 |
| | Count | 16212 | 13331 | 15292 |

| | | | | |
|----------|-------|-------|------|-------|
| 6 | 90 | 177 | 195 | 204 |
| | 75 | 153 | 167 | 177 |
| | 50 | 127 | 140 | 150 |
| | 25 | 98 | 111 | 122 |
| | 10 | 68 | 82 | 93 |
| | SD | 42 | 45 | 44 |
| | Count | 10520 | 9218 | 11290 |
| 7 | 90 | 180 | 192 | 202 |
| | 75 | 156 | 165 | 177 |
| | 50 | 128 | 136 | 150 |
| | 25 | 102 | 109 | 123 |
| | 10 | 79 | 88 | 98 |
| | SD | 40 | 43 | 41 |
| | Count | 6482 | 4058 | 5998 |
| 8 | 90 | 185 | 199 | 199 |
| | 75 | 161 | 173 | 177 |
| | 50 | 133 | 146 | 151 |
| | 25 | 106 | 115 | 124 |
| | 10 | 77 | 84 | 97 |
| | SD | 43 | 45 | 41 |
| | Count | 5546 | 3496 | 5335 |

WCPM: Words correct per minute