

# NATIONAL ORAL READING FLUENCY NORMS

Hasbrouck & Tindal (2017)

Grade	%ile	Fall WCPM*	Winter WCPM*	Spring WCPM*
<b>1</b>	90		97	116
	75		59	91
	50		29	60
	25		16	34
	10		9	18
<b>2</b>	90	111	131	148
	75	84	109	124
	50	50	84	100
	25	36	59	72
	10	23	35	43
<b>3</b>	90	134	161	166
	75	104	137	139
	50	83	97	112
	25	59	79	91
	10	40	62	63
<b>4</b>	90	153	168	184
	75	125	143	160
	50	94	120	133
	25	75	95	105
	10	60	71	83
<b>5</b>	90	179	183	195
	75	153	160	169
	50	121	133	146
	25	87	109	119
	10	64	84	102
<b>6</b>	90	185	195	204
	75	159	166	173
	50	132	145	146
	25	112	116	122
	10	89	91	91

\*WCPM = words correct per minute