



ONE MINUTE WORD READING TASK

Norms Tables

Longitudinal Norms for British English Children

These norms are based on repeated testing of a cohort of children at six time points between mid-Reception Year and the end of Year 2.

Table 1

Descriptive statistics for One Minute Word Reading over Six Time Points from Mid-Reception to End of Year 2.

	n	Mean age months	Mean words/min	SD	Min - Max	Reliability Test-retest
Mid-Reception Year	187	60.26	8.22	10.76	0 - 49	.98
End-Reception Year	182	63.27	15.87	18.56	0 - 93	.98
Mid-Year 1	178	68.07	27.94	23.83	0 - 98	.98
End-Year 1	165	74.98	51.02	27.06	0 - 113	.98
Mid-Year 2	171	79.95	58.09	26.98	1 - 116	.98
End-Year 2	159	87.51	72.42	23.25	6 - 123	.98

Table 2

Percentile ranks corresponding to raw scores of the number of words read correctly per minute at each time point.

	5 th	10 th	25 th	50 th	75 th	90 th	95 th	99 th
Mid-Reception Year	--	0	1	4	12	24	28	49
End-Reception Year	0	1	3	10	22	39	60	72
Mid-Year 1	1	4	9	18	44	65	74	89
End-Year 1	6	13	28	53	74	84	90	107
Mid-Year 2	11	17	33	62	78	92	97	110
End-Year 2	20	40	59	75	88	98	105	121

Note: Percentiles are derived from observed sample estimations. The 50th percentile is the median score.

Table 3

Standard score conversion table with confidence interval (see bottom of Table). The standard scores have a mean of 100, and a standard deviation of 15. Standard scores falling between 85 and 115 points are within the average range. Find the child's raw score (words read correctly in one minute) in the relevant column and read across to the left-most column to obtain the corresponding standard score.

Standard Score Conversion Table for One Minute Word Reading Task						
Standard Score	Mid-Reception Year	End-Reception Year	Mid-Year 1	End-Year 1	Mid-Year 2	End-Year 2
65	0	0	0	0	1	≤ 6
66						7
67					2	8-9
68						10
69				1	3-4	11-3
70						14
71						15-6
72				2	5-7	17
73				3		
74			1	4-5	8-9	18-9
75				6	10-2	20-7
76				7		28-30
77			2	8	13	31-7
78				9-10	14-5	38-9
79				11-12	16	40
80			3		17	
81		1	4	13-4	18-19	41
82			5	15-8	20-3	42-4
83			6	19-20	24	45-6
84				21	25-6	47-9
85			7	22		50
86		2		23-4	27-8	
87	1		8	25	29	51-5
88			9		30	56
89				26-7	31-2	57-8
90		3		28-30	33-9	59-61
91			10		40-3	62-3

Standard Score Conversion Table for One Minute Word Reading Task (cont'd)						
Standard Score	Mid-Reception Year	End-Reception Year	Mid-Year 1	End-Year 1	Mid-Year 2	End-Year 2
92		4		31	44-5	64-5
93			11-2	32-3	46-8	66-7
94	2	5	13	34-5	49-50	68-9
95			14	36-41	51-2	70-1
96		6	15	42-3	53-5	72
97	3	7	16	44-6	56-7	73-4
98			17	47-51	58-9	
99	4	8-9	18	52	60	
100		10	19-20	53-6	61-3	75-6
101	5	11	21-2	57-8	64-5	77
102			23	59-61	66-8	78
103	6	12-3	24-6	62-3	69-70	79
104	7	14	27-8	64-5	71-2	80-2
105	8		29-31	66	73	83-4
106	9	15-6	32-3	67	74	
107		17-8	34-7	68-9	75	85
108	10	19-21	38-9	70-2	76	
109	11	22	40-2		77	86-7
110	12	23	43-5	73-4	78-9	88
111	13	24-5	46-50	75	80-1	89
112	14	26-7	51-6	76-7	82-3	90
113	15	28-9	57-8	78	84-5	91-2
114	16-7	30-1	59-60	79	86	93-6
115	18		61-2	80	87	
116	19	32-3	63	81-2	88	97
117		34			89-91	
118	20-4	35-44	64-5	83-4	92	
119		45-9	66	85-6		98
120		50-3		87	93	99-100
121	25-6	54-7	67-8	88	94-5	101
122	27	58	69-72		96	102-4
123	28	60	73-4	89	97	105-6
124	29-32		75	90		107

Standard Score Conversion Table for One Minute Word Reading Task (cont'd)						
Standard Score	Mid-Reception Year	End-Reception Year	Mid-Year 1	End-Year 1	Mid-Year 2	End-Year 2
125	33-5	61-2	76-7	91-5	98	108-9
126	36-43	63	78-9	96		110-11
127	44-7	64-5	80			112-15
128	≥ 48	66	81	97-100	99-100	116
129						117
130						118
131		≥ 72	82-9	101-4	103-7	119
132			90-3			120
133			94-5			121
134			96-7			122
135			≥ 98	≥ 113	≥ 116	≥ 123
Confidence Intervals (SEMs) for the standard scores. Add/subtract the CI value to/from the standard score value in the left-most column to obtain the confidence range.					CI 68% +/- 2	
					CI 95% +/- 4	