

- MacArthur: Words and Gestures -
 Phrases Understood
All Children

Chronological Age (months)					
%ile	8	9 to 11	12 to 14	15 to 17	18 to 20
10	0	0	2	1	1
25	0	0	7	5	8
50	3	4	11	10	18
75	6	7	16	16	22
90	10	11	22	24	27

- MacArthur: Words and Gestures -
 Phrases Understood
Children with Cognitive Quotients ≥ 80

Chronological Age (months)					
%ile	8	9 to 11	12 to 14	15 to 17	18 to 20
10	0	0	4	4	8
25	2	2	8	7	13
50	3	5	14	12	18
75	9	9	18	18	23
90	11	13	22	24	27

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Phrases Understood
Children with Cognitive Quotients < 80

Chronological Age (months)				
%ile	8 to 12	13 to 18	19 to 24	25 to 30
10	0	0	0	2
25	0	0	4	5
50	0	4	8	13
75	2	8	20	21
90	5	15	24	25

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Words Understood
All Children

Chronological Age (months)					
%ile	8	9 to 11	12 to 14	15 to 17	18 to 20
10	0	0	1	3	6
25	0	2	17	18	31
50	8	11	46	41	98
75	18	24	85	92	155
90	43	41	154	165	192

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Words Understood
Children with Cognitive Quotients ≥ 80

Chronological Age (months)					
%ile	8	9 to 11	12 to 14	15 to 17	18 to 20
10	0	0	12	12	36
25	2	6	27	30	62
50	13	14	58	57	102
75	22	26	90	106	168
90	63	41	156	192	235

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Words Understood
Children with Cognitive Quotients < 80

Chronological Age (months)				
%ile	8 to 12	13 to 18	19 to 24	25 to 30
10	0	0	0	6
25	0	0	11	25
50	1	9	33	59
75	7	31	95	131
90	10	49	156	222

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 Words Produced
All Children

Chronological Age (months)					
%ile	8	9 to 11	12 to 14	15 to 17	18 to 20
10	0	0	0	0	0
25	0	0	2	2	6
50	0	0	8	9	18
75	2	2	19	23	41
90	6	4	33	37	76

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 Words Produced
Children with Cognitive Quotients ≥ 80

Chronological Age (months)					
%ile	8	9 to 11	12 to 14	15 to 17	18 to 20
10	0	0	0	2	10
25	0	0	3	6	14
50	1	1	10	14	28
75	2	3	23	28	57
90	6	5	37	43	77

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Words Produced
Children with Cognitive Quotients < 80

Chronological Age (months)				
%ile	8 to 12	13 to 18	19 to 24	25 to 30
10	0	0	0	0
25	0	0	1	1
50	0	1	7	9
75	1	3	20	38
90	2	10	32	119

- MacArthur: Words and Gestures -
Total Gestures
All Children

Chronological Age (months)					
%ile	8	9 to 11	12 to 14	15 to 17	18 to 20
10	0	0	6	5	7
25	4	4	17	17	25
50	8	9	26	28	37
75	11	13	35	37	47
90	18	17	41	44	51

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Total Gestures

Children with Cognitive Quotients ≥ 80

Chronological Age (months)					
%ile	8	9 to 11	12 to 14	15 to 17	18 to 20
10	4	2	16	17	32
25	6	8	22	25	36
50	9	11	28	30	44
75	12	15	35	39	50
90	19	19	42	44	54

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Total Gestures

Children with Cognitive Quotients < 80

Chronological Age (months)				
%ile	8 to 12	13 to 18	19 to 24	25 to 30
10	0	0	1	4
25	0	0	9	12
50	2	9	26	33
75	7	17	37	40
90	8	28	43	50