

Information below is from *Early Communication Skills for Children with Down syndrome*. Kumin, L. (2003).

Skill	Age	Research
Crying	By 12 months	Buckley, S. (2000); Buckley, S. & Bird, G. (2001)
Eye contact/looking	By 12 months	Buckley, S. (2000); Buckley, S. & Bird, G. (2001)
Joint attention	By 12 months 12-24 months	Buckley, S. & Bird, G. (2001) Buckley, S. (2000)
Smiling	By 12 months	Buckley, S. (2000); Buckley, S. & Bird, G. (2001)
Laughing/giggling	By 12 months	Chamberlain, C.E. & Strode, R.M.
Listening (voices and sounds)	By 12 months	Chamberlain, C.E. & Strode, R.M. (2000); Buckley, S. (2000); Buckley, S. & Bird, G (2001)
Vocalizing, cooing, vowel-like sounds	By 12 months	Chamberlain, C.E. & Strode, R.M. (2000); Buckley, S. (2000); Buckley, S. & Bird, G (2000)

Expressive Vocabularies of Young Children with Down syndrome

Age	Mean Number of Words (spoken and signed)	Study
15-23 months	11-14	Buckley, S. (2000)
24-35 months	28 55 (range of 8-226)	Buckley (2000) Kumin, Councill & Goodman (1998)
36-47 months	117 168 (range of 5-675)	Buckley (2000) Kumin et al. (1998)
48-59 months	248 251 (range of 22-645)	Buckley (2000) Kumin et al. (1998)
60-71 months	272 391 (range of 62-611)	Buckley (2000) Kumin et al. (1998)

Receptive Vocabularies of Young Children with Down syndrome

Age	Mean Number of Words Understand	Study
15-23 months	125	Buckley, S. (2000)
24-35 months	167	Buckley, S. (2000)
36-47 months	233	Buckley, S. (2000)
48-59 months	300	Buckley, S. (2000)
60-71 months	334	Buckley, S. (2000)

The below information is from *Down syndrome Growing and Learning*. Siegfried M Pueschel (Ed), p. 70.

Skill	Average in Months	Range in Months
Smiling	2	1.5 to 4
Rolling Over	8	4 to 22
Sitting alone	10	6 to 28
Crawling	12	7 to 21
Standing	20	11 to 42
Walking	24	12 to 65