

**Sitting without support**

Percentile	Days (95% C.I.)	Months <sup>1</sup> (95% C.I.)
1 <sup>st</sup>	115 (112, 118)	3.8 (3.7, 3.9)
3 <sup>rd</sup>	125 (123, 128)	4.1 (4.0, 4.2)
5 <sup>th</sup>	131 (128, 134)	4.3 (4.2, 4.4)
10 <sup>th</sup>	140 (138, 143)	4.6 (4.5, 4.7)
25 <sup>th</sup>	158 (155, 160)	5.2 (5.1, 5.3)
<b>50<sup>th</sup></b>	<b>179 (177, 181)</b>	<b>5.9 (5.8, 6.0)</b>
75 <sup>th</sup>	204 (201, 207)	6.7 (6.6, 6.8)
90 <sup>th</sup>	229 (225, 233)	7.5 (7.4, 7.6)
95 <sup>th</sup>	245 (240, 250)	8.0 (7.9, 8.2)
97 <sup>th</sup>	256 (251, 262)	8.4 (8.2, 8.6)
99 <sup>th</sup>	279 (272, 286)	9.2 (8.9, 9.4)
Mean (SD)	182 (35)	6.0 (1.1)

**Standing with assistance**

Percentile	Days (95% C.I.)	Months <sup>1</sup> (95% C.I.)
1 <sup>st</sup>	147 (144, 151)	4.8 (4.7, 5.0)
3 <sup>rd</sup>	160 (156, 163)	5.2 (5.1, 5.4)
5 <sup>th</sup>	167 (164, 170)	5.5 (5.4, 5.6)
10 <sup>th</sup>	178 (175, 182)	5.9 (5.8, 6.0)
25 <sup>th</sup>	200 (197, 203)	6.6 (6.5, 6.7)
<b>50<sup>th</sup></b>	<b>226 (223, 229)</b>	<b>7.4 (7.3, 7.5)</b>
75 <sup>th</sup>	256 (253, 260)	8.4 (8.3, 8.5)
90 <sup>th</sup>	287 (282, 292)	9.4 (9.3, 9.6)
95 <sup>th</sup>	307 (301, 313)	10.1 (9.9, 10.3)
97 <sup>th</sup>	320 (314, 327)	10.5 (10.3, 10.7)
99 <sup>th</sup>	348 (339, 356)	11.4 (11.1, 11.7)
Mean (SD)	230 (43)	7.6 (1.4)

**Hands-and-knees crawling**

Percentile	Days (95% C.I.)	Months <sup>1</sup> (95% C.I.)
1 <sup>st</sup>	157 (152, 162)	5.2 (5.0, 5.3)
3 <sup>rd</sup>	177 (172, 181)	5.8 (5.7, 5.9)
5 <sup>th</sup>	187 (183, 191)	6.1 (6.0, 6.3)
10 <sup>th</sup>	202 (198, 206)	6.6 (6.5, 6.8)
25 <sup>th</sup>	226 (223, 229)	7.4 (7.3, 7.5)
<b>50<sup>th</sup></b>	<b>254 (250, 257)</b>	8.3 (8.2, 8.4)
75 <sup>th</sup>	284 (280, 289)	9.3 (9.2, 9.5)
90 <sup>th</sup>	319 (313, 325)	10.5 (10.3, 10.7)
95 <sup>th</sup>	345 (337, 352)	11.3 (11.1, 11.6)
97 <sup>th</sup>	364 (355, 373)	12.0 (11.7, 12.3)
99 <sup>th</sup>	409 (397, 422)	13.5 (13.0, 13.9)
Mean (SD)	259 (51)	8.5 (1.7)

**Walking with assistance**

Percentile	Days (95% C.I.)	Months <sup>1</sup> (95% C.I.)
1 <sup>st</sup>	181 (176, 186)	5.9 (5.8, 6.1)
3 <sup>rd</sup>	200 (196, 205)	6.6 (6.4, 6.7)
5 <sup>th</sup>	210 (206, 214)	6.9 (6.8, 7.0)
10 <sup>th</sup>	225 (222, 229)	7.4 (7.3, 7.5)
25 <sup>th</sup>	249 (246, 252)	8.2 (8.1, 8.3)
<b>50<sup>th</sup></b>	<b>275 (272, 278)</b>	<b>9.0</b> (8.9, 9.1)
75 <sup>th</sup>	304 (300, 308)	10.0 (9.9, 10.1)
90 <sup>th</sup>	336 (331, 341)	11.0 (10.9, 11.2)
95 <sup>th</sup>	360 (353, 367)	11.8 (11.6, 12.0)
97 <sup>th</sup>	378 (370, 386)	12.4 (12.1, 12.7)
99 <sup>th</sup>	418 (407, 429)	13.7 (13.4, 14.1)
Mean (SD)	279 (45)	9.2 (1.5)

## Percentiles and mean in days and months for six gross motor milestones



### Standing alone

Percentile	Days (95% C.I.)	Months <sup>1</sup> (95% C.I.)
1 <sup>st</sup>	211 (205, 217)	6.9 (6.7, 7.1)
3 <sup>rd</sup>	235 (230, 241)	7.7 (7.6, 7.9)
5 <sup>th</sup>	248 (243, 253)	8.1 (8.0, 8.3)
10 <sup>th</sup>	266 (262, 271)	8.8 (8.6, 8.9)
25 <sup>th</sup>	296 (292, 300)	9.7 (9.6, 9.9)
<b>50<sup>th</sup></b>	<b>330 (326, 333)</b>	<b>10.8 (10.7, 11.0)</b>
75 <sup>th</sup>	367 (362, 371)	12.0 (11.9, 12.2)
90 <sup>th</sup>	408 (401, 415)	13.4 (13.2, 13.6)
95 <sup>th</sup>	438 (429, 447)	14.4 (14.1, 14.7)
97 <sup>th</sup>	461 (451, 472)	15.2 (14.8, 15.5)
99 <sup>th</sup>	514 (500, 529)	16.9 (16.4, 17.4)
Mean (SD)	334 (57)	11.0 (1.9)

### Walking alone

Percentile	Days (95% C.I.)	Months <sup>1</sup> (95% C.I.)
1 <sup>st</sup>	250 (244, 256)	8.2 (8.0, 8.4)
3 <sup>rd</sup>	274 (269, 279)	9.0 (8.8, 9.2)
5 <sup>th</sup>	286 (281, 291)	9.4 (9.2, 9.6)
10 <sup>th</sup>	304 (300, 309)	10.0 (9.9, 10.1)
25 <sup>th</sup>	333 (330, 337)	11.0 (10.8, 11.1)
<b>50<sup>th</sup></b>	<b>365 (362, 369)</b>	<b>12.0 (11.9, 12.1)</b>
75 <sup>th</sup>	400 (395, 404)	13.1 (13.0, 13.3)
90 <sup>th</sup>	438 (432, 444)	14.4 (14.2, 14.6)
95 <sup>th</sup>	466 (458, 474)	15.3 (15.0, 15.6)
97 <sup>th</sup>	487 (478, 497)	16.0 (15.7, 16.3)
99 <sup>th</sup>	534 (521, 547)	17.6 (17.1, 18.0)
Mean (SD)	368 (54)	12.1 (1.8)

<sup>1</sup> The calculation in months involves the division of the estimate in days by 30.4375.

Reference: WHO Multicentre Growth Reference Study Group. WHO Motor Development Study: Windows of achievement for six gross motor development milestones. Acta Paediatrica Supplement 2006;450:86-95.