



# Normal Vital Signs in Infants, Children, and Adolescents

Normal Heart Rate and Respiratory Rate Ranges		
AGE	HEART RATE, NORMAL RANGE (BEATS PER MINUTE)	RESPIRATORY RATE, NORMAL RANGE (BREATHS PER MINUTE)
Preterm	141–171, depending on chronologic age	40–70, depending on chronologic age
Neonate	95–170	30–50
1–11 months	90–170	30–45
1–2 years	90–150	20–30
3–4 years	70–130	20–30
5–7 years	65–130	20–25
8–11 years	70–110	14–22
12–15 years	Female: 70–110 Male: 65–105	12–20
>15 years	Female: 55–95 Male: 50–90	12–20

Normal Temperature Ranges		
AGE	FAHRENHEIT	CELSIUS
Preterm infant	97.7–98.6	36.5–37
Term infant	97.2–99.9	36.2–37.7
0–6 months	97.2–99.4	36.2–37.4
6–12 months	96–99.7	35.6–37.6
1–13 years	95.9–99	35.5–37.2
>13 years	96.4–99.6	35.8–37.6

Note: Measurement method and circadian rhythm must be considered in evaluating normal.