

# Vital Signs in Pediatrics



## Heart Rate (beats/min)

AGE	RATE
Infant (1-12 months)	100 - 160
Toddler (1-3 years)	90 - 150
Preschooler (3-5 years)	80 - 140
School-age child (5-11 years)	70 - 120
Adolescent (11-18 years)	60 - 100

## Respiratory Rate (breaths/min)

AGE	RATE
Infant (1-12 months)	30 - 60
Toddler (1-3 years)	24 - 40
Preschooler (3-5 years)	22 - 34
School-age child (5-11 years)	18 - 30
Adolescent (11-18 years)	12 - 16

## Definition of Hypotension by Systolic Blood Pressure and Age

AGE	SYSTOLIC BLOOD PRESSURE
Term neonates (0 to 28 days)	<60 mm Hg
Infants (1 to 12 months)	<70 mm Hg
Children 1 to 10 years (5th BP percentile)	<70 mm Hg + (age in years x 2) mm Hg
Children >10 years	<90 mm Hg

