

Pediatric Blood Pressure Chart

Name:						
Gender:						
Date:						
Age group (weight in kg)	Age (years)	Height (cm)	Blood pressure (mmHg (50th-90th percentile))			
			Boys		Girls	
			Systolic	Diastolic	Systolic	Diastolic
Infant	1 - 12 months		72=104	37-56	72-104	37-56
Toddler (10-14kg)	1	77-87	86-101	41-54	85-102	42-58
	2	86-98	89-104	44-58	89-106	48-62
Preschooler (14-18kg)	3	92-105	90-105	47-61	90-107	50-65
	4	93-113	92-107	50-64	92-108	53-67
	5	104-120	94-110	53-67	93-110	55-70
School-age (20-42kg)	6	111-127	90-109	59-73	91-108	59-73
	7	116-134	91-111	60-74	92-110	60-74
	8	120-140	93-113	60-75	94-112	60-75
	9	124-145	94-115	61-75	95-114	61-76
	10	130-151	96-117	62-76	97-116	62-77
	11	135-157	98-119	62-77	99-118	63-78
Adolescent (50kg)	>13	147-172	102-124	64-80	102-121	64-79

Interpretation

	Age <13 years	Age >13 years	Follow-up
Elevated or persistent or preHTN	90th to 95th percentile or 120/80 mm Hg to <95th percentile (whichever is lower)	120-129/<80 mm Hg	Recheck in 6 months Consider school or home BP monitoring
Stage 1 HTN	>95th to 99th percentile + 5 mmHg or 130-139/89 mm Hg (whichever is lower)	130-139/89 mm Hg	Evaluate in 1 week to 1 month

	Age <13 years	Age >13 years	Follow-up
Stage 2 HTN	> 99th percentile + 5 mm Hg or $\geq 140/90$ mm Hg (whichever is lower)	$\geq 140/90$ mm Hg	Evaluate in 1 week or sooner if symptomatic
White-coat HTN	> 95th percentile in a medical setting. Normal outside the medical setting		Consider ABPM as well as home or school BP monitoring
Masked HTN	< 95th percentile in a medical setting. > 95th percentile outside a medical setting		Consider ABPM in high-risk patients.

Findings

Recommendations

Additional notes

Reference

Freeman, A. the A. A. (2021, April 22). *What is the normal blood pressure for a child?*. Pediatric Associates. Retrieved May 5, 2024 from <https://pediatricassociates.com/parenting-tips/what-is-the-normal-blood-pressure-for-a-child/>