

BP% and BMI% Chart For Boys

Boys															
Ages															
3-7															
Boys	Height	Height	Height	Blood Pressure	Blood Pressure	Blood Pressure	Blood Pressure	Blood Pressure	Weight	BMI at	Weight	BMI at	Weight	BMI at	BMI at
Age	%	in cm	in inches	at 50th%	at 90th%	at 95th%	at 99th%	> 99th%	in lbs.	50th%	in lbs.	85th%	in lbs.	95th%	99th%
					Pre Hypertension	Stage 1 HTN		Stage 2 HTN							
3 Three Years	5	92	36.2	86/44	100/59	104/63	111/71	116/76	29	16	32	17.2	34	18.2	
	10	94	37.0	87/44	101/59	105/63	112/71	117/76	31	16	34	17.2	36	18.2	
	25	96	37.8	89/45	103/60	107/64	114/72	119/77	32	16	35	17.2	37	18.2	
	50	99	39.0	91/46	105/61	109/65	116/73	121/78	34	16	38	17.2	40	18.2	
	75	102	40.2	93/47	107/62	110/66	118/74	123/79	36	16	40	17.2	42	18.2	
	90	104	40.9	94/48	108/63	112/67	119/75	124/80	38	16	41	17.2	44	18.2	
	95	106	41.7	95/48	109/63	113/67	120/75	125/80	39	16	43	17.2	45	18.2	
4 Four Years	5	98	38.6	88/47	102/62	106/66	113/74	128/79	33	15.6	36	16.8	38	18.2	
	10	100	39.4	89/48	103/63	107/67	114/75	119/80	34	15.6	37	16.8	39	18.2	
	25	103	40.6	91/49	105/64	109/68	116/76	121/81	36	15.6	39	16.8	42	18.2	
	50	106	41.7	93/50	107/65	111/69	118/77	123/82	39	15.6	42	16.8	44	18.2	
	75	109	42.9	95/51	109/66	112/70	120/78	125/83	41	15.6	44	16.8	47	18.2	
	90	111	43.7	96/51	110/66	114/71	121/78	126/83	43	15.6	46	16.8	48	18.2	
	95	113	44.5	97/52	111/67	115/71	122/79	127/84	44	15.6	47	16.8	50	18.2	
5 Five Years	5	104	40.9	90/50	104/65	108/69	115/77	120/82	37	15.4	40	16.8	43	18	20.1
	10	106	41.7	91/51	105/66	109/70	116/78	121/83	38	15.4	42	16.8	45	18	20.1
	25	109	42.9	93/52	106/67	110/71	118/79	123/84	40	15.4	44	16.8	48	18	20.1
	50	112	44.1	95/63	108/68	112/72	120/80	125/85	43	15.4	47	16.8	50	18	20.1
	75	115	45.3	96/54	110/69	114/73	121/81	126/86	45	15.4	49	16.8	53	18	20.1
	90	118	46.5	98/55	111/69	115/74	123/81	128/86	47	15.4	52	16.8	56	18	20.1
	95	120	47.2	98/55	112/70	116/74	123/82	128/87	49	15.4	54	16.8	58	18	20.1
6 Six Years	5	110	43.3	91/53	105/68	109/72	116/80	121/85	42	15.4	46	17	50	18.4	21.6
	10	112	44.1	92/53	106/68	110/72	117/80	122/85	43	15.4	48	17	52	18.4	21.6
	25	115	45.3	94/54	108/69	112/73	119/81	124/86	45	15.4	50	17	55	18.4	21.6
	50	119	46.9	96/55	110/70	114/74	121/82	126/87	49	15.4	54	17	58	18.4	21.6
	75	122	48.0	98/56	111/71	115/75	123/83	128/88	51	15.4	56	17	61	18.4	21.6
	90	126	49.6	99/57	113/72	117/76	124/84	129/89	54	15.4	60	17	65	18.4	21.6
	95	127	50.0	100/57	113/72	117/76	125/85	130/90	54.5	15.4	61	17	67	18.4	21.6
7 Seven Years	5	116	45.7	92/55	106/70	110/74	117/82	122/87	47	15.6	52	17.4	58	19	23.6
	10	118	46.5	94/55	107/70	111/74	118/82	123/87	48	15.6	54	17.4	60	19	23.6
	25	122	48.0	95/56	109/71	113/75	120/83	125/88	51	15.6	58	17.4	64	19	23.6
	50	125	49.2	97/57	111/72	115/76	122/84	127/89	54	15.6	61	17.4	68	19	23.6
	75	129	50.8	99/58	113/73	117/77	124/85	129/90	58	15.6	65	17.4	72	19	23.6
	90	132	52.0	100/59	114/74	118/78	125/86	130/91	60.5	15.6	68	17.4	75	19	23.6
	95	135	53.1	101/59	115/74	119/78	126/86	131/91	62.5	15.6	71	17.4	79	19	23.6

BP% and BMI% Chart For Boys

Boys Ages 8-12															
Boys	Height	Height	Height	Blood Pressure	Blood Pressure	Blood Pressure	Blood Pressure	Blood Pressure	Weight	BMI at	Weight	BMI at	Weight	BMI at	BMI at
Age	%	in cm	in inches	at 50th%	at 90th%	at 95th%	at 99th%	> 99th%	in lbs.	50th%	in lbs.	85th%	in lbs.	95th%	99th%
					Pre Hypertension	Stage 1 HTN		Stage 2 HTN							
8 Eight Years	5	121	47.6	94/56	107/71	111/75	119/83	124/88	52	15.8	59	18	66	20	25.6
	10	123	48.4	95/57	109/72	112/76	120/84	125/89	52.5	15.8	61	18	69	20	25.6
	25	127	50.0	97/58	110/72	114/77	122/85	127/90	56	15.8	65	18	73	20	25.6
	50	131	51.6	99/59	112/73	116/78	123/86	128/91	60	15.8	69	18	78	20	25.6
	75	135	53.1	100/60	114/74	118/79	125/87	130/92	62.5	15.8	74	18	83	20	25.6
	90	139	54.7	102/60	115/75	119/79	127/87	129/92	66.5	15.8	78	18	88	20	25.6
95	141	55.5	102/61	116/76	120/80	127/88	129/93	68.5	15.8	80	18	90	20	25.6	
9 Nine Years	5	126	49.6	95/57	109/72	113/76	120/84	125/89	56.5	16.2	67	18.6	76	21	27.6
	10	128	50.4	96/58	110/73	114/77	121/85	126/90	58	16.2	69	18.6	78	21	27.6
	25	132	52.0	98/59	112/74	116/78	123/86	128/91	62	16.2	73	18.6	83	21	27.6
	50	136	53.5	100/60	114/75	118/79	125/87	130/92	66	16.2	77	18.6	88	21	27.6
	75	141	55.5	102/61	115/76	119/80	127/88	132/93	70.5	16.2	83	18.6	95	21	27.6
	90	145	57.1	103/61	117/76	121/81	128/88	133/93	74.5	16.2	88	18.6	100	21	27.6
95	147	57.9	104/62	118/77	121/81	129/89	134/94	76.5	16.2	88	18.6	103	21	27.6	
10 Ten Years	5	130	51.2	97/58	111/73	115/77	122/85	127/90	62	16.6	74	19.4	85	22	29.3
	10	133	52.4	98/59	112/73	116/78	123/86	128/91	64.5	16.6	77	19.4	89	22	29.3
	25	137	53.9	100/60	114/74	117/79	125/86	130/91	68.5	16.6	82	19.4	94	22	29.3
	50	141	55.5	102/61	115/75	119/80	127/88	132/93	72.5	16.6	87	19.4	100	22	29.3
	75	146	57.5	103/61	117/76	121/81	128/88	133/93	78	16.6	93	19.4	107	22	29.3
	90	150	59.1	105/62	119/77	122/81	130/89	135/94	84	16.6	98	19.4	113	22	29.3
95	152	59.8	106/63	119/78	123/82	130/90	135/95	84.5	16.6	101	19.4	116	22	29.3	
11 Eleven Years	5	135	53.1	99/59	113/74	117/78	124/86	129/91	68.5	17.2	83	20	95	23	30.7
	10	137	53.9	100/59	114/74	118/78	125/86	130/91	70.5	17.2	85	20	98	23	30.7
	25	142	55.9	102/60	115/75	119/79	127/87	132/92	76	17.2	92	20	105	23	30.7
	50	146	57.5	104/61	117/76	121/80	129/88	134/93	80	17.2	97	20	111	23	30.7
	75	151	59.4	105/62	119/77	123/81	130/89	135/94	80.5	17.2	104	20	119	23	30.7
	90	156	61.4	107/63	120/78	124/82	132/90	137/95	92	17.2	111	20	127	23	30.7
95	158	62.2	107/63	121/78	125/82	132/90	137/95	96	17.2	113	20	130	23	30.7	
12 Twelve Years	5	140	55.1	101/59	115/74	119/78	126/86	131/91	76.5	17.8	92	21	107	24	31.8
	10	143	56.3	102/60	116/75	120/79	127/87	132/92	80	17.8	96	21	111	24	31.8
	25	148	58.3	104/61	118/75	122/80	129/88	134/93	84.5	17.8	103	21	119	24	31.8
	50	152	59.8	106/62	118/76	123/81	131/89	136/94	92	17.8	109	21	126	24	31.8
	75	158	62.2	108/63	120/77	125/82	133/90	138/95	100	17.8	118	21	136	24	31.8
	90	163	64.2	109/63	121/78	127/82	134/90	139/95	105	17.8	125	21	145	24	31.8
95	165	65.0	110/64	123/79	127/83	135/91	140/96	108	17.8	128	21	148	24	31.8	

BP% and BMI% Chart For Boys

Boys Ages 13-17															
Boys	Height	Height	Height	Blood Pressure	Blood Pressure	Blood Pressure	Blood Pressure	Blood Pressure	Weight	BMI at	Weight	BMI at	Weight	BMI at	BMI at
Age	%	in cm	in inches	at 50th%	at 90th%	at 95th%	at 99th%	> 99th%	in lbs.	50th%	in lbs.	85th%	in lbs.	95th%	99th%
					Pre Hypertension	Stage 1 HTN		Stage 2 HTN							
13 Thirteen Years	5	147	57.9	104/60	117/75	121/79	128/87	133/92	88	18.4	106	21.8	122	25	32.6
	10	150	59.1	105/60	118/75	122/79	130/87	135/92	93	18.4	111	21.8	127	25	32.6
	25	155	61.0	106/61	120/76	124/80	131/88	136/93	96	18.4	118	21.8	136	25	32.6
	50	160	63.0	108/62	122/77	126/81	133/89	138/94	104	18.4	126	21.8	144	25	32.6
	75	166	65.4	110/63	124/78	128/82	135/90	140/95	112	18.4	135	21.8	156	25	32.6
	90	170	66.9	111/64	125/79	129/83	136/91	141/96	116	18.4	142	21.8	163	25	32.6
95	173	68.1	112/64	126/79	130/83	137/91	142/96	124	18.4	147	21.8	169	25	32.6	
14 Fourteen Years	5	157	61.8	106/60	120/75	124/80	131/87	136/92	104	19	125	22.6	143	26	33.2
	10	160	63.0	107/61	121/76	125/80	132/88	136/93	108	19	130	22.6	149	26	33.2
	25	165	65.0	109/62	123/77	127/81	134/89	138/94	114	19	138	22.6	158	26	33.2
	50	170	66.9	111/63	125/78	128/82	136/90	141/95	122	19	147	22.6	168	26	33.2
	75	175	68.9	113/64	126/79	130/83	138/91	143/96	129	19	155	22.6	178	26	33.2
	90	177	69.7	114/65	128/79	132/84	139/92	144/97	132	19	159	22.6	182	26	33.2
95	180	70.9	115/65	128/80	132/84	140/92	145/97	134	19	164	22.6	189	26	33.2	
15 Fifteen Years	5	159	62.6	109/61	122/76	126/81	134/88	139/93	110	19.8	133	23.4	152	26.8	33.6
	10	162	63.8	110/62	124/77	127/81	135/89	140/94	112	19.8	138	23.4	157	26.8	33.6
	25	167	65.7	112/63	125/78	129/82	136/90	141/95	122	19.8	146	23.4	167	26.8	33.6
	50	172	67.7	113/64	127/79	131/83	138/91	143/96	128	19.8	155	23.4	177	26.8	33.6
	75	177	69.7	115/65	129/80	133/84	140/92	145/97	136	19.8	164	23.4	188	26.8	33.6
	90	181	71.3	117/66	130/80	134/85	142/93	147/98	142	19.8	172	23.4	196	26.8	33.6
95	184	72.4	117/66	131/81	135/85	142/93	147/98	148	19.8	178	23.4	203	26.8	33.6	
16 Sixteen Years	5	162	63.8	111/63	125/78	129/82	136/90	141/95	120	20.6	142	24.2	161	27.4	33.9
	10	165	65.0	112/63	126/78	130/83	137/90	142/95	124	20.6	148	24.2	167	27.4	33.9
	25	169	66.5	114/64	128/79	132/83	139/91	144/96	130	20.6	155	24.2	176	27.4	33.9
	50	174	68.5	116/65	130/80	134/84	141/92	146/97	138	20.6	164	24.2	186	27.4	33.9
	75	179	70.5	118/66	131/81	135/85	143/93	148/98	146	20.6	174	24.2	197	27.4	33.9
	90	184	72.4	119/67	133/82	137/86	144/94	149/99	156	20.6	184	24.2	208	27.4	33.9
95	186	73.2	120/67	134/82	137/87	145/94	150/99	158	20.6	188	24.2	213	27.4	33.9	
17 Seventeen Years	5	164	64.6	114/65	127/80	131/84	139/92	141/97	126	21.2	150	25	170	28.2	34.4
	10	166	65.4	115/66	128/80	132/85	140/93	145/98	130	21.2	154	25	174	28.2	34.4
	25	171	67.3	116/66	130/81	134/86	141/93	146/98	138	21.2	163	25	184	28.2	34.4
	50	176	69.3	118/67	132/82	136/87	143/94	148/99	144	21.2	173	25	195	28.2	34.4
	75	181	71.3	120/68	134/83	138/87	145/95	150/100	154	21.2	183	25	207	28.2	34.4
	90	185	72.8	121/69	135/84	139/88	146/96	151/101	158	21.2	191	25	216	28.2	34.4
95	187	73.6	122/70	136/84	140/89	147/97	152/102	162	21.2	195	25	221	28.2	34.4	