

## BP Tables

### BP Levels for Boys by Age and Height Percentile<sup>5</sup>

Age (years)	Systolic BP (mmHg)							Diastolic BP (mmHg)							BP Percentile
	Heigh Percentile or Measured Height							Heigh Percentile or Measured Height							
	5th	10th	25th	50th	75th	90th	95th	5th	10th	25th	50th	75th	90th	95th	
2	33.9	34.4	35.3	36.3	37.3	38.2	38.8	33.9	34.4	35.3	36.3	37.3	38.2	38.8	Height - inches
	87	87	88	89	89	90	91	43	43	44	44	45	46	46	NT
	100	100	101	102	103	103	104	55	55	56	56	57	58	58	Elevated BP
	104	105	105	106	107	107	108	57	58	58	59	60	61	61	Stage 1 HT
	116	117	117	118	119	119	120	69	70	70	71	72	73	73	Stage 2 HT
3	36.4	37.0	37.9	39.0	40.1	41.1	41.7	36.4	37.0	37.9	39.0	40.1	41.1	41.7	Height - inches
	88	89	89	90	91	92	92	45	46	46	47	48	49	49	NT
	101	102	102	103	104	105	105	58	58	59	59	60	61	61	Elevated BP
	106	106	107	107	108	109	109	60	61	61	62	63	64	64	Stage 1 HT
	118	118	119	119	120	121	121	72	73	73	74	75	76	76	Stage 2 HT
4	38.8	39.4	40.5	41.7	42.9	43.9	44.5	38.8	39.4	40.5	41.7	42.9	43.9	44.5	Height - inches
	90	90	91	92	93	94	94	48	49	49	50	51	52	52	NT
	102	103	104	105	105	106	107	60	61	62	62	63	64	64	Elevated BP
	107	107	108	108	109	110	110	63	64	65	66	67	67	68	Stage 1 HT
	119	119	120	120	121	122	122	75	76	77	78	79	79	80	Stage 2 HT
5	41.1	41.8	43.0	44.3	45.5	46.7	47.4	41.1	41.8	43.0	44.3	45.5	46.7	47.4	Height - inches
	91	92	93	94	95	96	96	51	51	52	53	54	55	55	NT
	103	104	105	106	107	108	108	63	64	65	65	66	67	67	Elevated BP
	107	108	109	109	110	111	112	66	67	68	69	70	70	71	Stage 1 HT
	119	120	121	121	122	123	124	78	79	80	81	82	82	83	Stage 2 HT
6	43.4	44.2	45.4	46.8	48.2	49.4	50.2	43.4	44.2	45.4	46.8	48.2	49.4	50.2	Height - inches
	93	93	94	95	96	97	98	54	54	55	56	57	57	58	NT
	105	105	106	107	109	110	110	66	66	67	68	68	69	69	Elevated BP
	108	109	110	111	112	113	114	69	70	70	71	72	72	73	Stage 1 HT
	120	121	122	123	124	125	126	81	82	82	83	84	84	85	Stage 2 HT
7	45.7	46.5	47.8	49.3	50.8	52.1	52.9	45.7	46.5	47.8	49.3	50.8	52.1	52.9	Height - inches
	94	94	95	97	98	98	99	56	56	57	58	58	59	59	NT

<sup>5</sup> The 90th percentile is 1.28 SD, the 95th percentile is 1.645 SD, and the 99th percentile is 2.326 SD over the mean. **NT** = normotensive (50th percentile). **PreHT** = pre-hypertensive (90th percentile). **HT** = hypertensive (95th percentile for stage 1 and 99th% + 5 mmHg for stage 2).

	106	107	108	109	110	111	111	68	68	69	70	70	71	71	Elevated BP
	110	110	111	112	114	115	116	71	71	72	73	73	74	74	Stage 1 HT
	122	122	123	124	126	127	128	83	83	84	85	85	86	86	Stage 2 HT
8	47.8	48.6	50.0	51.6	53.2	54.6	55.5	47.8	48.6	50.0	51.6	53.2	54.6	55.5	Height - inches
	95	96	97	98	99	99	100	57	57	58	59	59	60	60	NT
	107	108	109	110	111	112	112	69	70	70	71	72	72	73	Elevated BP
	111	112	112	114	115	116	117	72	73	73	74	75	75	75	Stage 1 HT
	123	124	124	126	127	128	129	84	85	85	86	87	87	87	Stage 2 HT
9	49.6	50.5	52.0	53.7	55.4	56.9	57.9	49.6	50.5	52.0	53.7	55.4	56.9	57.9	Height - inches
	96	97	98	99	100	101	101	57	58	59	60	61	62	62	NT
	107	108	109	110	112	113	114	70	71	72	73	74	74	74	Elevated BP
	112	112	m	115	116	118	119	74	74	75	76	76	77	77	Stage 1 HT
	124	124	125	127	128	130	131	86	86	87	8	88	89	89	Stage 2 HT
10	51.3	52.2	53.8	55.6	57.4	59.1	60.1	51.3	52.2	53.8	55.6	57.4	59.1	60.1	Height - inches
	97	98	99	100	101	102	103	59	60	61	62	63	63	64	NT
	108	109	111	112	113	115	116	72	73	74	74	75	75	76	Elevated BP
	112	113	114	116	118	120	121	76	76	77	77	78	78	78	Stage 1 HT
	124	125	126	128	130	132	133	88	88	89	89	90	90	90	Stage 2 HT
11	53.0	54.0	55.7	57.6	59.6	61.3	62.4	53.0	54.0	55.7	57.6	59.6	61.3	62.4	Height - inches
	99	99	101	102	103	104	106	61	61	62	63	63	63	63	NT
	110	111	112	114	116	117	118	74	74	75	75	75	76	76	Elevated BP
	114	114	116	118	120	123	124	77	78	78	78	78	78	78	Stage 1 HT
	126	126	128	130	132	135	136	89	90	90	90	90	90	90	Stage 2 HT
12	55.2	56.3	58.1	60.1	62.2	64.0	65.2	55.2	56.3	58.1	60.1	62.2	64.0	65.2	Height - inches
	101	101	102	104	106	108	109	61	62	62	62	62	63	63	NT
	113	114	115	117	119	121	122	75	75	75	75	75	76	76	Elevated BP
	116	117	118	121	124	126	128	78	78	78	78	78	79	79	Stage 1 HT
	128	129	130	133	136	138	140	90	90	90	90	90	91	91	Stage 2 HT
13	57.9	59.1	61.0	63.1	65.2	67.1	68.3	57.9	59.1	61.0	63.1	65.2	67.1	68.3	Height - inches
	103	104	105	108	110	111	112	61	60	61	62	63	64	65	NT
	115	116	118	121	124	126	126	74	74	74	75	76	77	77	Elevated BP
	119	120	122	125	128	130	131	78	78	78	78	80	81	81	Stage 1 HT
	131	132	134	137	140	142	143	90	90	90	90	92	93	93	Stage 2 HT
14	60.6	61.8	63.8	65.9	68.0	69.8	70.9	60.6	61.8	63.8	65.9	68.0	69.8	70.9	Height - inches
	105	106	109	111	112	113	113	60	60	62	64	65	66	67	NT
	119	120	123	126	127	128	129	74	74	75	77	78	79	80	Elevated BP

	123	125	127	130	132	133	134	77	78	79	81	82	83	84	Stage 1 HT
	135	137	139	142	144	145	146	89	90	91	93	94	95	96	Stage 2 HT
15	62.6	63.8	65.7	67.8	69.8	71.5	72.5	62.6	63.8	65.7	67.8	69.8	71.5	72.5	Height - inches
	108	110	112	113	114	114	114	61	62	64	65	66	67	68	NT
	123	124	126	128	129	130	130	75	76	78	79	80	81	81	Elevated BP
	127	129	131	132	134	135	135	78	79	81	83	84	85	85	Stage 1 HT
	139	141	143	144	146	147	147	90	91	93	95	96	97	97	Stage 2 HT
16	63.8	64.9	66.8	68.8	70.7	72.4	73.4	63.8	64.9	66.8	68.8	70.7	72.4	73.4	Height - inches
	111	112	114	115	115	116	116	63	64	66	67	68	69	69	NT
	126	127	128	129	131	131	132	77	78	79	80	81	82	82	Elevated BP
	130	131	133	134	135	136	137	80	81	83	84	85	86	86	Stage 1 HT
	142	143	15	146	147	148	149	92	93	95	96	97	98	98	Stage 2 HT
17	64.5	65.5	67.3	69.2	71.1	72.8	73.8	64.5	65.5	67.3	69.2	71.1	72.8	73.8	Height - inches
	114	115	116	117	117	118	118	65	66	67	68	69	70	70	NT
	128	129	130	131	132	133	134	78	79	80	81	82	82	83	Elevated BP
	132	133	134	135	137	138	138	81	82	84	85	86	86	87	Stage 1 HT
	144	145	146	147	149	150	150	93	94	96	97	98	98	99	Stage 2 HT