

Blood pressure levels for girls by age and height percentile

Age (year)	BP (percentile)	Systolic BP (mmHg)								Diastolic BP (mmHg)							
		Percentile of height								Percentile of height							
		5 th	10 th	25 th	50 th	75 th	90 th	95 th	5 th	10 th	25 th	50 th	75 th	90 th	95 th		
1	50 th	83	84	85	86	88	89	90	38	39	39	40	41	41	42		
	90 th	97	97	98	100	101	102	103	52	53	53	54	55	55	56		
	95 th	100	101	102	104	105	106	107	56	57	57	58	59	59	60		
	99 th	108	108	109	111	112	113	114	64	64	65	65	66	67	67		
2	50 th	85	85	87	88	89	91	91	43	44	44	45	46	46	47		
	90 th	98	99	100	101	103	104	105	57	58	58	59	60	61	61		
	95 th	102	103	104	105	107	108	109	61	62	62	63	64	65	65		
	99 th	109	110	111	112	114	115	116	69	69	70	70	71	72	72		
3	50 th	86	87	88	89	91	92	93	47	48	48	49	50	50	51		
	90 th	100	100	102	103	104	106	106	61	62	62	63	64	64	65		
	95 th	104	104	105	107	108	109	110	65	66	66	67	68	68	69		
	99 th	111	111	113	114	115	116	117	73	73	74	74	75	76	76		
4	50 th	88	88	90	91	92	94	94	50	50	51	52	52	53	54		
	90 th	101	102	103	104	106	107	108	64	64	65	66	67	67	68		
	95 th	105	106	107	108	110	111	112	68	68	69	70	71	71	72		
	99 th	112	113	114	115	117	118	119	76	76	76	77	78	79	79		
5	50 th	89	90	91	93	94	95	96	52	53	53	54	55	55	56		
	90 th	103	103	105	106	107	109	109	66	67	67	68	69	69	70		
	95 th	107	107	108	110	111	112	113	70	71	71	72	73	73	74		
	99 th	114	114	116	117	118	120	120	78	78	79	79	80	81	81		
6	50 th	91	92	93	94	96	97	98	54	54	55	56	56	57	58		
	90 th	104	105	106	108	109	110	111	68	68	69	70	70	71	72		
	95 th	108	109	110	111	113	114	115	72	72	73	74	74	75	76		
	99 th	115	116	117	119	120	121	122	80	80	80	81	82	83	83		
7	50 th	93	93	95	96	97	99	99	55	56	56	57	58	58	59		
	90 th	106	107	108	109	111	112	113	69	70	70	71	72	72	73		
	95 th	110	111	112	113	115	116	116	73	74	74	75	76	76	77		
	99 th	117	118	119	120	122	123	124	81	81	82	82	83	84	84		
8	50 th	95	95	96	98	99	100	101	57	57	57	58	59	60	60		
	90 th	108	109	110	111	113	114	114	71	71	71	72	73	74	74		
	95 th	112	112	114	115	116	118	118	75	75	75	76	77	78	78		
	99 th	119	120	121	122	123	125	125	82	82	83	83	84	85	86		
9	50 th	96	97	98	100	101	102	103	58	58	58	59	60	61	61		
	90 th	110	110	112	113	114	116	116	72	72	72	73	74	75	75		
	95 th	114	114	115	117	118	119	120	76	76	76	77	78	79	79		
	99 th	121	121	123	124	125	127	127	83	83	84	84	85	86	87		
10	50 th	98	99	100	102	103	104	105	59	59	59	60	61	62	62		
	90 th	112	112	114	115	116	118	118	73	73	73	74	75	76	76		
	95 th	116	116	117	119	120	121	122	77	77	77	78	79	80	80		
	99 th	123	123	125	126	127	129	129	84	84	85	86	86	87	88		
11	50 th	100	101	102	103	105	106	107	60	60	60	61	62	63	63		
	90 th	114	114	116	117	118	119	120	74	74	74	75	76	77	77		
	95 th	118	118	119	121	122	123	124	78	78	78	79	80	81	81		
	99 th	125	125	126	128	129	130	131	85	85	86	87	87	88	89		
12	50 th	102	103	104	105	107	108	109	61	61	61	62	63	64	64		
	90 th	116	116	117	119	120	121	122	75	75	75	76	77	78	78		
	95 th	119	120	121	123	124	125	126	79	79	79	80	81	82	82		
	99 th	127	127	128	130	131	132	133	86	86	87	88	88	89	90		
13	50 th	104	105	106	107	109	110	110	62	62	62	63	64	65	65		
	90 th	117	118	119	121	122	123	124	76	76	76	77	78	79	79		
	95 th	121	122	123	124	126	127	128	80	80	80	81	82	83	83		
	99 th	128	129	130	132	133	134	135	87	87	88	89	89	90	91		
14	50 th	106	106	107	109	110	111	112	63	63	63	64	65	66	66		
	90 th	119	120	121	122	124	125	125	77	77	77	78	79	80	80		
	95 th	123	123	125	126	127	129	129	81	81	81	82	83	84	84		
	99 th	130	131	132	133	135	136	136	88	88	89	90	90	91	92		
15	50 th	107	108	109	110	111	113	113	64	64	64	65	66	67	67		
	90 th	120	121	122	123	125	126	127	78	78	78	79	80	81	81		
	95 th	124	125	126	127	129	130	131	82	82	82	83	84	85	85		
	99 th	131	132	133	134	136	137	138	89	89	90	91	91	92	93		
16	50 th	108	108	110	111	112	114	114	64	64	65	66	66	67	68		
	90 th	121	122	123	124	126	127	128	78	78	79	80	81	81	82		
	95 th	125	126	127	128	130	131	132	82	82	83	84	85	85	86		
	99 th	132	133	134	135	137	138	139	90	90	90	91	92	93	93		
17	50 th	108	109	110	111	113	114	115	64	65	65	66	67	67	68		
	90 th	122	122	123	125	126	127	128	78	79	79	80	81	81	82		
	95 th	125	126	127	129	130	131	132	82	83	83	84	85	85	86		
	99 th	133	133	134	136	137	138	139	90	90	91	91	92	93	93		

The 90th percentile is 1.28 standard deviation, 95th percentile is 1.645 standard deviation, and the 99th percentile is 2.326 over the mean.

BP: blood pressure.

From: the Fourth report on the diagnosis, evaluation, and treatment of high blood pressure in children and adolescents. National Heart, Lung and Blood Institute. National Institutes of Health. May 2004.



Blood pressure levels for boys by age and height percentile

Age (year)	BP (percentile)	Systolic BP (mmHg)								Diastolic BP (mmHg)							
		Percentile of height								Percentile of height							
		5 th	10 th	25 th	50 th	75 th	90 th	95 th	5 th	10 th	25 th	50 th	75 th	90 th	95 th		
1	50 th	80	81	83	85	87	88	89	34	35	36	37	38	39	39		
	90 th	94	95	97	99	100	102	103	49	50	51	52	53	53	54		
	95 th	98	99	101	103	104	106	106	54	54	55	56	57	58	58		
	99 th	105	106	108	110	112	113	114	61	62	63	64	65	66	66		
2	50 th	84	85	87	88	90	92	92	39	40	41	42	43	44	44		
	90 th	97	99	100	102	104	105	106	54	55	56	57	58	58	59		
	95 th	101	102	104	106	108	109	110	59	59	60	61	62	63	63		
	99 th	109	110	111	113	115	117	117	66	67	68	69	70	71	71		
3	50 th	86	87	89	91	93	94	95	44	44	45	46	47	48	48		
	90 th	100	101	103	105	107	108	109	59	59	60	61	62	63	63		
	95 th	104	105	107	109	110	112	113	63	63	64	65	66	67	67		
	99 th	111	112	114	116	118	119	120	71	71	72	73	74	75	75		
4	50 th	88	89	91	93	95	96	97	47	48	49	50	51	51	52		
	90 th	102	103	105	107	109	110	111	62	63	64	65	66	66	67		
	95 th	106	107	109	111	112	114	115	66	67	68	69	70	71	71		
	99 th	113	114	116	118	120	121	122	74	75	76	77	78	78	79		
5	50 th	90	91	93	95	96	98	98	50	51	52	53	54	55	55		
	90 th	104	105	106	108	110	111	112	65	66	67	68	69	69	70		
	95 th	108	109	110	112	114	115	116	69	70	71	72	73	74	74		
	99 th	115	116	118	120	121	123	123	77	78	79	80	81	81	82		
6	50 th	91	92	94	96	98	99	100	53	53	54	55	56	57	57		
	90 th	105	106	108	110	111	113	113	68	68	69	70	71	72	72		
	95 th	109	110	112	114	115	117	117	72	72	73	74	75	76	76		
	99 th	116	117	119	121	123	124	125	80	80	81	82	83	84	84		
7	50 th	92	94	95	97	99	100	101	55	55	56	57	58	59	59		
	90 th	106	107	109	111	113	114	115	70	70	71	72	73	74	74		
	95 th	110	111	113	115	117	118	119	74	74	75	76	77	78	78		
	99 th	117	118	120	122	124	125	126	82	82	83	84	85	86	86		
8	50 th	94	95	97	99	100	102	102	56	57	58	59	60	60	61		
	90 th	107	109	110	112	114	115	116	71	72	72	73	74	75	76		
	95 th	111	112	114	116	118	119	120	75	76	77	78	79	79	80		
	99 th	119	120	122	123	125	127	127	83	84	85	86	87	87	88		
9	50 th	95	96	98	100	102	103	104	57	58	59	60	61	61	62		
	90 th	109	110	112	114	115	117	118	72	73	74	75	76	76	77		
	95 th	113	114	116	118	119	121	121	76	77	78	79	80	81	81		
	99 th	120	121	123	125	127	128	129	84	85	86	87	88	88	89		
10	50 th	97	98	100	102	103	105	106	58	59	60	61	61	62	63		
	90 th	111	112	114	115	117	119	119	73	73	74	75	76	77	78		
	95 th	115	116	117	119	121	122	123	77	78	79	80	81	81	82		
	99 th	122	123	125	127	128	130	130	85	86	86	88	88	89	90		
11	50 th	99	100	102	104	105	107	107	59	59	60	61	62	63	63		
	90 th	113	114	115	117	119	120	121	74	74	75	76	77	78	78		
	95 th	117	118	119	121	123	124	125	78	78	79	80	81	82	82		
	99 th	124	125	127	129	130	132	132	86	86	87	88	89	90	90		
12	50 th	101	102	104	106	108	109	110	59	60	61	62	63	63	64		
	90 th	115	116	118	120	121	123	123	74	75	75	76	77	78	79		
	95 th	119	120	122	123	125	127	127	78	79	80	81	82	82	83		
	99 th	126	127	129	131	133	134	135	86	87	88	89	90	90	91		
13	50 th	104	105	106	108	110	111	111	60	60	61	62	63	64	64		
	90 th	117	118	120	122	124	125	126	75	75	76	77	78	79	79		
	95 th	121	122	124	126	128	129	130	79	79	80	81	82	83	83		
	99 th	128	130	131	133	135	136	137	87	87	88	89	90	91	91		
14	50 th	106	107	109	111	113	114	115	60	61	62	63	64	65	65		
	90 th	120	121	123	125	126	128	128	75	76	77	78	79	79	80		
	95 th	124	125	127	128	130	132	132	80	80	81	82	83	84	84		
	99 th	131	132	134	136	138	139	140	87	88	89	90	91	92	92		
15	50 th	109	110	112	113	115	117	117	61	62	63	64	65	66	66		
	90 th	122	124	125	127	129	130	131	76	77	78	79	80	80	81		
	95 th	126	127	129	131	133	134	135	81	81	82	83	84	85	85		
	99 th	134	135	136	138	140	142	142	88	89	90	91	92	93	93		
16	50 th	111	112	114	116	118	119	120	63	63	64	65	66	67	67		
	90 th	125	126	128	130	131	133	134	78	78	79	80	81	82	82		
	95 th	129	130	132	134	135	137	137	82	83	83	84	85	86	87		
	99 th	136	137	139	141	143	144	145	90	90	91	92	93	94	94		
17	50 th	114	115	116	118	120	121	122	65	66	66	67	68	69	70		
	90 th	127	128	130	132	134	135	136	80	80	81	82	83	84	84		
	95 th	131	132	134	136	138	139	140	84	85	86	87	87	88	89		
	99 th	139	140	141	143	145	146	147	92	93	93	94	95	96	97		

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